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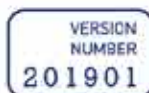
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PLASTIC PIPING SYSTEM

ERA[®] PLASTIC PIPING SYSTEM

SINCE 1993

ERA[®]

SINCE 1993

PLASTIC PIPING SYSTEM

CHINA ERA GROUP
YONGGAO Co., Ltd.

VERSION
NUMBER
201901



WELCOME TO ERA GROUP



Yonggao Co., Ltd. a listed company, is the leading manufacturer in China specialized in PVC, PPR, CPVC, PE, PP piping system.

With an annual production capacity of 600,000 tons, Yonggao Co., Ltd. has more than 4000 employees in 12 factories covering 1332000 square meters in China, including 5 factories in Taizhou, and the other 7 ones in Shenzhen, Guangzhou, Shanghai, Tianjin, Chongqing and Anhui.

Equipped with 800 injection machines, 250 extrusion machines and 10000 moulds, Yonggao., reached a sales turnover of USD 800,000,000 in 2018, including export sales covering 146 countries all over the world.

With high-class raw material, strictly follow ISO9001 and ISO14001 to control quality, Yonggao Co., Ltd. have been providing high quality products and the best service to our customers and partners since its establishment. Today, Yonggao Co., Ltd. approved with NSF, DVGW, WATERMARK, KITEMARK, CUPC, WRAS, CE, CERTIFICATES, Yonggao have the confidence to become your reliable and excellent supplier.

ERA[®]
SINCE 1993



PRODUCTION AND TECHNOLOGY

PRODUCTION AND
TECHNOLOGY



RESEARCH AND DEVELOPMENT/QC SYSTEM



AUTOMATIC KARL FISCHER MOISTURE METER



R&D/QC CENTER



THERMAL DEFORMATION
AND VICAT SOFTENING
POINT TEMPERATURE
TESTER



ACCREDITED LABORATORY



DIFFERENTIAL SCANNING CALORIMETER



HYDROSTATIC TEST



SCANNING ELECTRON MICROSCOPY, SEM



IMPACT TEST



BRABENDER TORQUE RHEOMETER

RESEARCH AND DEVELOPMENT/QC SYSTEM



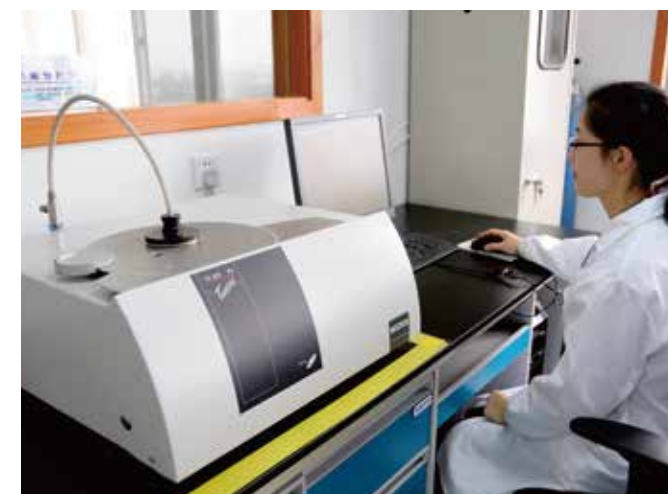
ACCREDITED LABORATORY



DIFFERENTIAL SCANNING CALORIMETER



HYDROSTATIC PRESSURE
TESTING MACHINE



THERMAL GRAVIMETRIC ANALYZER.TGA



DENSITY TEST



MFA TEST



HAPRO TORQUE RHEOMETER



FOURIER TRANSFORM
INFRARED SPECTROMETER,FTIR



INTERNATIONAL
CERTIFICATIONS

INTERNATIONAL

CERTIFICATIONS



CONTENTS



01

VALVE

- P002 PVC VALVES & FITTINGS
- P016 CPVC VALVES & FITTINGS



02

PRESSURE

- P020 PVC PRESSURE PIPES & FITTINGS PN10 (ISO1452)
- P029 PVC PRESSURE PIPES FITTINGS TYPE II
- P031 PVC PRESSURE PIPES & FITTINGS PN16 (DIN8063)
- P037 PVC PIPES & THREAD FITTINGS BS STANDARD
- P041 PVC SCH40 PIPES & FITTINGS (ASTM D2466)
- P046 PVC SCH80 PIPES & FITTINGS (ASTM D2467)
- P051 PVC PRESSURE FITTINGS (BS4346)
- P053 PVC PRESSURE FITTINGS JIS STANDARD
- P055 PVC PRESSURE PIPES & FITTINGS (AS/NZS1477)
- P060 PVC PRESSURE PIPES WITH GASKET
- P065 PP COMPRESSION FITTINGS VALVES & FILTERS (ENISO1587AS/NZS4129)
- P074 PP THREAD FITTINGS
- P077 PE BUTT WELDING & SOCKET WELDING FITTINGS
- P081 PE ELECTROFUSION FITTING SERIES
- P087 PE BALL VALVE SERIES

03

PRESSURE FOR HOT AND COLD

- P089 CPVC SCH80 PIPES & FITTINGS (ASTM F439)
- P093 CPVC DIN PIPES & FITTINGS
- P096 CPVC CTS PIPES & FITTINGS (ASTM D2846)
- P105 PPR DIN PIPES & FITTINGS (DIN8077/8088)
- P114 PPH THREAD FITTINGS (IRAM 13478)

04

DRAINAGE

- P117 PVC DRAINAGE PIPES & FITTINGS (BS1329/BS1401)
- P132 PVC DRAINAGE FITTINGS WITH GASKET (EN1401)
- P136 PVC DRAINAGE FITTINGS (ISO3633)
- P140 PVC DWV DRAINAGE FITTINGS (ASTM D2665)
- P142 PVC DWV FITTINGS
- P144 PVC DWV DRAINAGE FITTINGS (AS/NZS1260)
- P153 PVC- UPIPES AND FITTINGS FOR STORMWATER AS/NZS 1254

05

RAIN GUTTER

- P155 PVC GUTTERS AND FITTINGS (BS EN607/EN12200/EN1462)

06

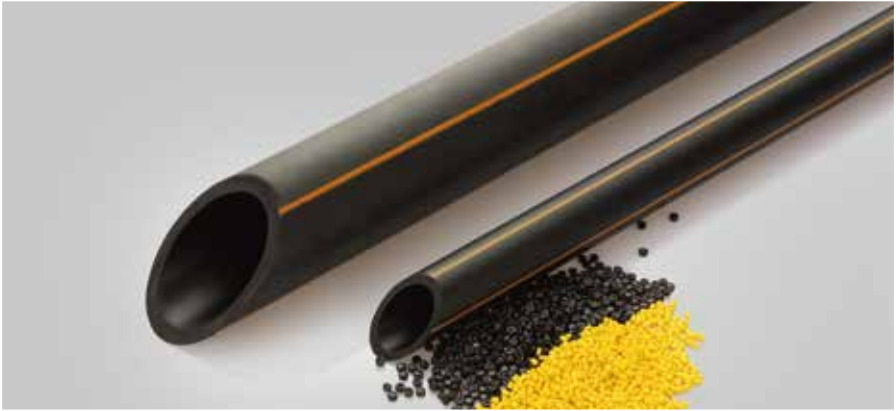
ELECTRIC CONDUITS AND FITTINGS

- P165 PVC INSULATING ELECTRICAL PIPES AND FITTINGS
- P169 PVC INSULATING ELECTRICAL PIPES AND FITTINGS AS/NZS 2053
- P175 PVC INSULATING ELECTRICAL PIPES AND FITTINGS BSEN 61386-21

07

ACCESSORIES

- P178 GLUE
- P186 STAINLESS STEEL FOOR DRAINS
- P191 METAL CLAMPS

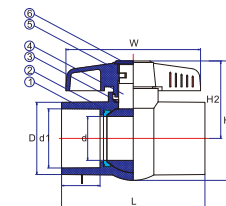


PLASTIC VALVES AND FITTINGS

VALVE



PLASTIC VALVES AND FITTINGS



ITEM NO:UCB01
■ END CONNECTOR: THREAD, SOCKET
■ WORKING PRESSURE:150PSI

COMPACT BALL VALVE

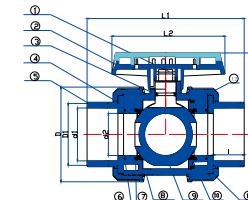
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Body	PVC,CPVC,PP	1
2	Seat Seal	TPE,PTEE	2
3	O-Ring	EPDM,FPM(NBR)	1
4	Ball	PVC,CPVC,PP	1
5	Handle	ABS	1
6	Cap	ABS	1

COMPACT BALL VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D	L	I	w	H1	H2
15mm(1/2")	14	14	22	22	21.34	20	14.5	32	80	22	68.5	64.3	44.9
20mm(3/4")	14	14	26	26	26.67	25	20	36.8	92	25	80.5	76	52
25mm(1")	11.5	11	32	34	33.4	32	24	45	106	28.0	100	94	65
32mm(1 1/4")	11.5	11	38	42	42.16	40	30	53.5	112.5	28.0	108	103	70
40mm(1 1/2")	11.5	11	48	48	48.26	50	34	62	129	33.0	108	112	73.5
50mm(2")	11.5	11	60	60	60.33	63	44	75.5	148	39.5	138	126	81
65mm(2 1/2")	8	11	76	76	73	75	56	92.5	177.5	39.5	192.5	166	108.5
80mm(3")	8	11	89	89	88.9	90	71	107	209	48	192.5	181	116
100mm(4")	8	11	114	114	114.3	110	86	134.5	294	78	262	236	151.5
150mm(6")					168.8	160	130.4	185.4	407	102.7	301.9	299.5	181.2



ITEM NO:UTB01
■ END CONNECTOR: THREAD, SOCKET
■ WORKING PRESSURE:150PSI

TRUE UNION BALL VALVE

Specification of material

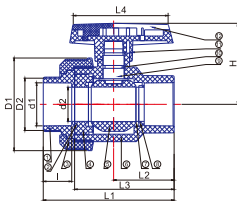
NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	Stem	PVC,CPVC,PP	1	7	O-Ring	EPDM,FPM(NBR)	2
2	Handle	ABS	1	8	Body	PVC,CPVC,PP	1
3	Stem O-Ring	EPDM,FPM(NBR)	2	9	Ball	PVC,CPVC,PP	1
4	Union Nut	PVC,CPVC,PP	2	10	Seat Seal	PTFE	2
5	End Connector	PVC,CPVC,PP	2	11	Seat Carrier	PVC,CPVC,PP	1
6	Body O-Ring	EPDM,FPM(NBR)	2	12	Carrier O-Ring	EPDM,FPM(NBR)	1

TRUE UNION BALL VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D1	D	I	L1	L2	H
15mm(1/2")	14	14	22	22	21.34	20	14	27.6	51.2	20.6	112.5	65	50.5
20mm(3/4")	14	14	26	26	26.67	25	18.7	35.6	65.5	24.6	130.2	75	58.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.6	73.7	28	142.5	85	65.7
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	52	86.6	31	161	97	76.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	59.5	102	31.5	166.5	110	86
50mm(2")	11.5	11	60	60	60.33	63	50	75	120	40	214	133.5	101.5
65mm(2 1/2")	8	11	76	76	73.03	75	60	87.5	135	40	228	161	112.5
80mm(3")	8	11	89	89	88.9	90	79	107.5	188	48	269	200	160.5
100mm(4")	8	11	114	114	114.3	110	99	132	216	56	309	240	173.5

PLASTIC VALVES AND FITTINGS



ITEM NO:USU01
■ END CONNECTOR: THREAD, SOCKET
■ WORKING PRESSURE:150 PSI



SINGLE UNION BALL VALVE

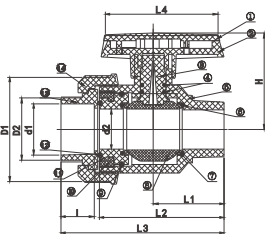
NO.	PART	MATERIAL	Q'TY
1	End Connector	PVC,CPVC,PP	1
2	Carrier O-Ring	EPDM,FPM(NBR)	1
3	Union Nut	PVC,CPVC,PP	1
4	Seal Carrier	PVC,CPVC,PP	1
5	Ball	PVC,CPVC,PP	1
6	Body	PVC,CPVC,PP	1

Specification of material

NO.	PART	MATERIAL	Q'TY
7	Seat Seal	PTFE	2
8	O-Ring	EPDM,FPM(NBR)	2
9	Stem	PVC,CPVC,PP	1
10	Stem O-Ring	EPDM,FPM(NBR)	2
11	Handle	ABS	1

SINGLE UNION BALL VALVE

Dimensions															
Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D2	D1	I	L1	L2	L3	L4	H
15mm(1/2")	14	14	22	22	21.34	20	14	27.6	51.3	20.6	95.8	25.3	67.3	65	49.5
20mm(3/4")	14	14	26	26	26.67	25	18.7	35.2	65.5	25	111.4	32.4	78.3	74.9	56.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.6	73.7	27.9	121.5	49.5	85.9	85	65
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	49	86.6	27.0	130	57	99	97.1	76.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.8	102	34.5	157.5	69.0	113.5	109.7	86.5
50mm(2")	11.5	11	60	60	60.33	63	50	74.5	120	40	190	81	136.5	190.0	102
65mm(2 1/2")	8	11	76	76	73.03	75	60	89	135	40	210	95.9	156	161	113.5
80mm(3")	8	11	89	89	88.9	90	79	107.5	188	48	254.6	120.9	196.5	199.4	161.5
100mm(4")	8	11	114	114	114.3	110	99	132	215.5	56	294	140.7	225	240	174



ITEM NO:USU04
■ END CONNECTOR: THREAD, SOCKET
■ WORKING PRESSURE:150 PSI

MALE SINGLE UNION BALL VALVE

NO.	PART	MATERIAL	Q'TY
1	Cover	PVC-U	1
2	Handle	ABS	1
3	Stem	PVC-U	1
4	Stem O-Ring	EPDM	2
5	Body	PVC-U	1
6	O-Ring	EPDM	2
7	Seat Seal	PTFE	2

Specification of material

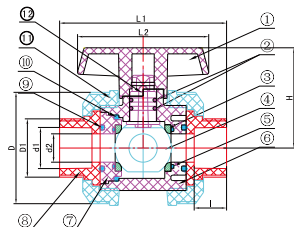
NO.	PART	MATERIAL	Q'TY
8	Ball	PVC-U	1
9	O-Ring	EPDM	1
10	Seal	PVC-U	1
11	Seal Carrier	PVC-U	1
12	O-Ring	EPDM	1
13	End Connector	PVC-U	1
14	Union Nut	PVC-U	1

MALE SINGLE UNION BALL VALVE

Dimensions									
Nom Size	D1	D2	d1	d2	L1	L2	L3	L4	H
15mm(1/2")	47.8	26.4	20.3	14	40	67	88.5	59.2	49.8
20mm(3/4")	58.8	31.3	25.3	19	43	78	101.5	68.3	57.3
25mm(1")	68	38	32.4	32	50	86	112	78.3	64.4
32mm(1 1/4")	82.4	49	40.4	32.5	56.4	99.3	129.7	89.5	76
40mm(1 1/2")	94.6	59.5	50.4	40	68.2	115	151.8	101.3	86.6
50mm(2")	113	73.9	63.4	49.7	78	134	179	124.4	101
65mm(2 1/2")	128	87.8	67	59.5	90	151.8	203.8	149.9	113.1
80mm(3")	181	107.4	90.4	80	120.9	196	254.7	191.6	160
100mm(4")	204	132.2	106.5	96	139.5	224.5	295.8	191.6	230.3



PLASTIC VALVES AND FITTINGS



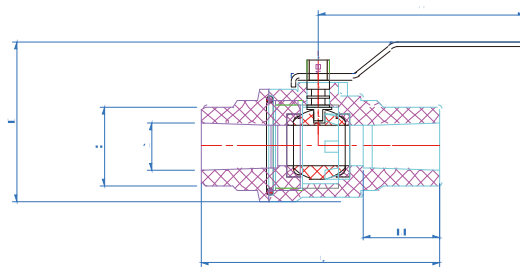
ITEM NO:UTB03

TRUE UNION BALL VALVE III

NO.	PART	MATERIAL	QTY	NO.	PART	MATERIAL	QTY
1	Handle	ABS	1	7	Seat Carrier	PVC-U	1
2	Stem O-Ring	NBR	2	8	End Connector	PVC-U	1
3	Seat Seal	PE	2	9	O-Ring	NBR	1
4	Ball	PVC-U	1	10	O-Ring	NBR	1
5	O-Ring	NBR	2	11	Union Nut	PVC-U	1
6	Body	PVC-U	1	12	Stem	PVC-U	1

TRUE UNION BALL VALVE III

Nom Size	NPT	BSPT	JIS(d1)	BS(d1)	ANSI(d1)	DIN(d1)	d2	D1	D	I	L1	L2	H
15mm(1/2")	14	14	22	22	21.34	20	14	26	55	16	82.50	65	49.50
20mm(3/4")	14	14	26	26	26.67	25	18	36	60	19	92	80	54.50
25mm(1")	11.50	11	32	34	33.40	32	25	44	69	22.50	107	85	62
32mm(1 1/4")	11.50	11	38	42	42.16	40	32	56	81.50	26	120	97	74
40mm(1 1/2")	11.50	11	48	48	48.26	50	40	63	93	31.50	144	116	85
50mm(2")	11.50	11	60	60	60.33	63	50	78	111	38.50	172	134	100

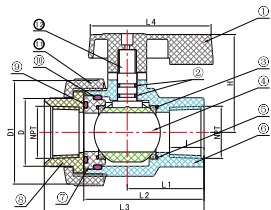


ITEM NO: UCB06

TWO PCSES BALL VALVE WITH STAINLESS STEEL HANDLE

Nom Size	L	L1	T	R	D	H
20	87	28	75.8	1/2"	29	58.27
25	93.6	27.98	80.8	3/4"	33.2	63.67
32	108.4	31	83.2	1"	41	74.97
40	120.5	35	96.4	1 1/4"	51.5	90.8
50	137	39	111.4	1 1/2"	58	102
63	162	46	123	2"	74.5	118.85
75	197	52.5	139.5	2 1/2"	91.5	145.62
90	247.5	73.5	190.72	3"	104.75	166.25
110	282.39	74	208.78	4"	133.97	199.25

PLASTIC VALVES AND FITTINGS



ITEM NO: USU03

Specification of material

● SINGLE UNION BALL VALVE III

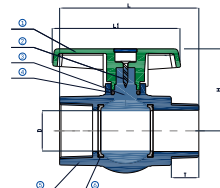
NO.	PART	MATERIAL	Q'TY
1	Handle	PVC-U	1
2	Stem O-Ring	NBR	1
3	Seat Seal	PTFE	1
4	Ball	PVC-U	1
5	O-Ring	NBR	1
6	Body	PVC-U	1

NO.	PART	MATERIAL	Q'TY
7	Seat Carrier	PVC-U	1
8	End connector	PVC-U	1
9	Seat Carrier Flat O-Ring	NBR	1
10	Seat Carrier O-Ring	NBR	1
11	Union nut	PVC-U	1
12	Stem	PVC-U	1

● SINGLE UNION BALL VALVE III

Dimensions

Nom Size	D1	D	NPT	I	L1	L2	L3	L4	H
15mm(1/2")	49	29	1/2"	18	38	58	80	57	50
20mm(3/4")	60	35	3/4"	18	41.9	66	88	64	49.7
25mm(1")	66	43.2	1"	22	49	76.7	101.9	77.2	62.3
32mm(1 1/4")	81	51	1 1/4"	29	59	93	125	91	75
40mm(1 1/2")	94	60	1 1/2"	31.5	63.2	99.2	133.2	100	81.5
50mm(2")	111	74	2"	38	82.4	124.7	165.7	117.6	92.4
80mm(3")	178	107.5	3"	56	108.4	172	229.3	173	138.6
100mm(4")	210	131	4"	66.2	135	212.4	281.1	224	151.65



ITEM NO: UCTB04

● COMPACT BALL VALVE M/F

Specification of material

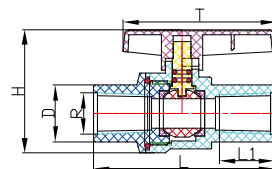
NO.	PART	MATERIAL	Q'TY
1	Handle	PVC	1
2	Nail	304	1
3	Ball	PP	1

NO.	PART	MATERIAL	Q'TY
4	Stem O-Ring	EPDM	1
5	Body	PVC	1
6	Seal Seat	TPE	2

● COMPACT BALL VALVE M/F

Dimensions

Nom Size	DN	D	L	L1	T	H
1 1/2" X 1 1/2"	40	35	139	107	24	59
2" X 2"	50	46	151	139	30	69



ITEM NO: UCB05

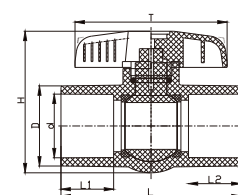
● TWO PCSES BALL VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	L	L1	D	R	H	T
15mm(1/2")	14	14	22	22	21.34	20	93	28	30	1/2"	63.7	79
20mm(3/4")	14	14	26	26	26.67	25	95.6	25	33.2	3/4"	68.5	79
25mm(1")	11.5	11	32	34	33.4	32	114.4	28	41	1"	81	85
32mm(1 1/4")	11.5	11	38	42	42.16	40	127.6	31	51.5	1 1/4"	93.6	92
40mm(1 1/2")	11.5	11	48	48	48.26	50	139.5	35	58	1 1/2"	106.3	103
50mm(2")	11.5	11	60	60	60.33	63	162	42	74.5	2"	125.06	118



PLASTIC VALVES AND FITTINGS

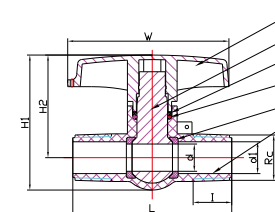


ITEM NO: UCB04

● OCTAGONAL COMPACT BALL VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	L	L1	L2	H	T
15mm(1/2")	14	14	22	22	21.34	20	69.8	18.5	18	60.1	65
20mm(3/4")	14	14	26	26	26.67	25	79.2	22	22	69.5	71.8
25mm(1")	11.5	11	32	34	33.4	32	94.5	26.2	25	83.7	87.8
32mm(1 1/4")	11.5	11	38	42	42.16	40	106.8	26.8	26	94.5	99.6
40mm(1 1/2")	11.5	11	48	48	48.26	50	122.8	31.2	31	109.7	109.8
50mm(2")	11.5	11	60	60	60.33	63	142.7	34.5	34	129	127.5
65mm(2 1/2")	8	11	76	76	73	75	173	41.5	41.5	164.5	180
80mm(3")	8	11	89	89	88.9	90	228	65	65	191	196
100mm(4")	8	11	114	114	114.3	110	256	65.5	65.5	216	218.5



ITEM NO: UCB03

● COMPACT BALL VALVE M/M

Specification of material

NO.	PART	MATERIAL	QTY
1	Handle	ABS	1
2	Stem	PVC-U	1
3	Seat Seal	PE	1

NO.	PART	MATERIAL	QTY
4	O-Ring	NBR	1
5	O-Ring	HDPE	2
6	Body	PVC-U	1

● COMPACT BALL VALVE M/M

Dimensions

Nom Size	Rc	d1	d	L	I	W	H1	H2
15mm(1/2")	1/2"	14	12	70	17	71	60	45
20mm(3/4")	3/4"	18	16	75	17	71	67	47



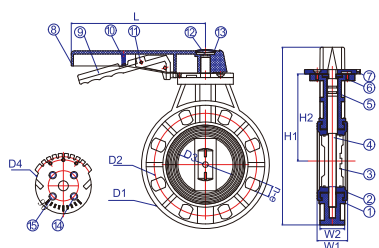
ITEM NO: UTS01

● TRUE UNION SPRING CHECK VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	d	JIS d1	BS d1	ANSI d1	DIN d1	D1	D2	I	L
15mm(1/2")	14	14	16.8	22	22	21.34	20	48	27.4	17	87.2
20mm(3/4")	14	14	26	26	26	26.67	25	68	36.2	19.7	114.53
25mm(1")	11.5	11	26.5	32	34	33.4	32	68	42	23	129.5
32mm(1 1/4")	11.5	11	37.1	38	42	42.16	40	95	52.6	27	151.1
40mm(1 1/2")	11.5	11	44.6	48	48	48.26	50	92.8	61.4	32	160.3
50mm(2")	11.5	11	54.8	60	60	60.33	63	114.8	77.6	38	193.2
65mm(2 1/2")	8	11	65	76	76	73	75	148	89.4	45	231.4
80mm(3")	8	11	80	89	89	88.9	90	179	108.5	58	270
100mm(4")	8	11	80	114	114	114.3	110	179	132.5	63.5	281.8

PLASTIC VALVES AND FITTINGS



ITEM NO:UBV01

- END CONNECTOR: FLANGE
- WORKING PRESSURE:200PSI

BUTTERFLY VALVE

Specification of material

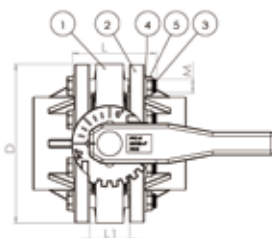
NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1
2	Seat Seal	EPDM,FPM(NBR)	1
3	Gate	PVC	1
4	Stem	SUS410	1
5	O-Ring	EPDM,FPM(NBR)	2
6	Washer	ABS	1
7	Locking Plate	PVC	1
8	Large Handle	ABS	1

NO.	PART	MATERIAL	Q'TY
9	Small Handle	ABS	1
10	Spring	SUS304	1
11	Pin	SUS304	1
12	Bolt	SUS304	1
13	Handle Cap	ABS	1
14	Insered Bolt	SUS304	4
15	Bolt Cap	PVC	4

BUTTERFLY VALVE

Dimensions

Nom Size	D1	DIN D2	JIS D2	ANSI D2	D3	D4	L	H1	H2	W1	W2	DIN n-ø e	JIS n-ø e	ANSI n-ø e
50mm(2")	160.1	120	100	120.4	55.6	99.7	189.7	223.3	98.3	44	32	4-20	4-19	4-19
65mm(2 1/2")	179.8	141.2	140	139.5	68.7	99.7	189.0	247.0	111.6	48.3	32.4	4-18	4-19	4-19
80mm(3")	195.0	156.4	140	139.5	83.9	99.7	238.5	282.6	132.5	51.9	36.3	8-20	4-19	4-19
100mm(4")	228.1	183	150	152.4	103.2	99.7	239.5	319.4	155.4	54.5	44.1	8-20	8-19	8-19
125mm(5")	257	210.9	175	190.5	129.5	139	309.8	368	170.3	66.5	54.6	8-21.5	8-19	8-19
150mm(6")	285.4	238.5	240	241.5	151.1	140.0	309.8	400.8	187.5	73.1	56.4	8-24	8-23	8-22
200mm(8")	342.6	292.4	295	298.5	198.6	140.0	309.8	473.0	230.1	92.0	72.2	8-24	12-23	8-23



ITEM NO:UBV02

- END CONNECTOR: FLANGE
- WORKING PRESSURE:200PSI

BUTTERFLY VALVE WITH FLANGE

Specification of material

NO.	PARTS	Q'TY
1	Butterfly Valve	1
2	Flange	2
3	Bolt	
4	Washer	
5	Nut	

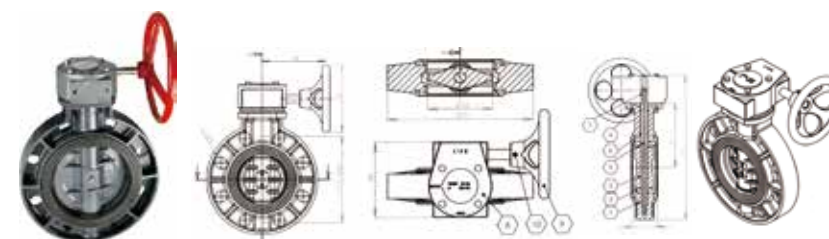
BUTTERFLY VALVE WITH FLANGE

Dimensions

VALVE SIZE DN-INCH	FLANGE	D	L1	BOLT Q'TY	BOLT M
50 X 2"	63	160	43	4	M16
65 X 2 1/2"	75	180	46	4	M16
80 X 3"	90	196	49	8	M16
100 X 4"	110	228	54	8	M16
125 X 5"	125,140	258	64	8	M16
150 X 6"	160	287	70	8	M20
200 X 8"	200,225	344	88	8	M20
250 X 10"	250,280	412	98	12	M20
300 X 12"	315	460	108	12	M20
350 X 14"	350	500	88	16	M20
400 X 16"	400	565	96	16	M24



PLASTIC VALVES AND FITTINGS



ITEM NO:UBV03

- WORKING PRESSURE:200PSI

BUTTERFLY VALVE GEAR TYPE

Specification of material

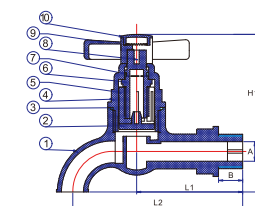
NO.	PART	MATERIAL	Q'TY
1	Body	PVC/CPVC/PPG	1
2	Seat Seal	EPDM/FPM	1
3	Disc	PVC/CPVC/PPG	1
4	Bolt	304	1
5	Stem	STEEL,/304/316	1

NO.	PART	MATERIAL	Q'TY
6	O-Ring	EPDM/FPM	2
7	Key	STEEL	1
8	Gear Box	IRON	1
9	Hand Wheel	IRON	1
10	Pin	STEEL	1

BUTTERFLY VALVE GEAR TYPE

Dimensions

SIZE	"	4"	5"	6"	8"	10"	12"	14"	16"
	DN	100	125	150	200	250	300	350	400
P.C.D. Ø D1	Ø D	228	258	287	344	412	460	500	565
	DIN	180	210	240	295	350	400	460	515
	ANSI	191	216	241	298	362	432	476	540
	JIS	175	210	240	290	355	400	445	510
	Ø d1	98	122	146	199	255	302	345	395
	L	54	64	70	88	98	108	88	98
	Ø 1	145	280	280	280	280	280	380	380
	L1	120	200	200	200	220	220	280	280
	H1	140	168	181	215	260	280	410	490
	H	340	385	417	487	551	595	670	770
	M	120	180	180	180	180	180	250	250
	N	90	100	100	100	130	130	220	220
N-ø e	DIN	8-Ø19	8-Ø19	8-Ø23	8-Ø23	12-Ø25	12-Ø25	16-Ø25	16-Ø27
	ANSI	8-Ø19	8-Ø19	8-Ø23	8-Ø23	12-Ø25	12-Ø25	12-Ø29	16-Ø29
	JIS	8-Ø19	8-Ø19	8-Ø23	12-Ø23	12-Ø25	16-Ø25	16-Ø25	16-Ø27
PN	PSI	150	150	150	150	100	100	60	60
	MPa	1	1	1	1	0.6	0.6	0.4	0.4
Weight	Kg/PC	7.2	18	19	22	25	29	45	55



ITEM NO:UBC01

- END CONNECTOR: BSPT, NPT, THREAD
- MATERIAL: PVC

BIBCOCK

Specification of material

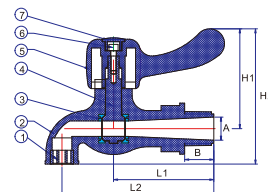
NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1
2	Seal	TPE	1
3	O-Ring	EPDM,FPM(NBR)	1
4	Surcoat	PVC	1
5	Core Nut	ABS	1
6	Screw	ABS	1
7	Stem O-Ring	EPDM,FPM(NBR)	1
8	Bolt	SUS304	1
9	Handle	PVC	1
10	Handle Cap	PS	1

BIBCOCK

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	A	B	L1	L2	H1	H2
15mm(1/2")	14	14	11.6	13.7	61.5	99.5	72.5	95
20mm(3/4")	14	14	11.6	13.7	62.5	99.5	72.5	95

PLASTIC VALVES AND FITTINGS



ITEM NO:UWF01

- END CONNECTOR: BSPT, NPT, THREAD
- MATERIAL: PVC

ONE WAY FAUCET

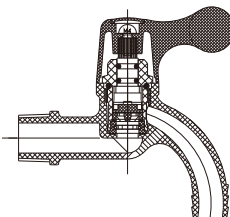
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Nut	ABS	1
2	Body	PVC	1
3	Seat Seal	TPE	2
4	Ball	PVC	1
5	Handle	PVC	1
6	Union Nut	SS41	1
7	Handle Cap	ABS	1

ONE WAY FAUCET

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	A	B	L1	L2	H1	H2
15mm(1/2")	14	14	13.8	17.7	62.5	92.9	56	80
20mm(3/4")	14	14	13.8	17.7	63	92.9	55.6	81.5

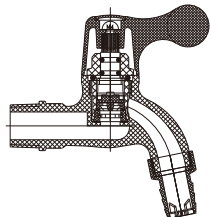


ITEM NO: UWF03

ONE WAY FAUCET TYPE III

Dimensions

	A	B	L1	L2	H1	H2
15mm(1/2")	13.5	14	48.9	85.9	58.78	94.68

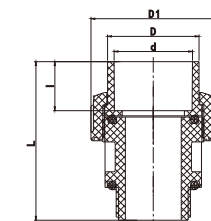


ITEM NO: UWF02

ONE WAY FAUCET TYPE III WITH NOZZLE

Dimensions

	A	B	L1	L2	H1	H2
15mm(1/2")	13.5	14	48.9	83.59	58.75	102.47



ITEM NO: UU002

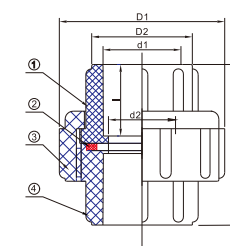
MALE UNION

Dimensions

Nom Size	D	D1	d	L	I
20mm	29.5	43	20.3	63.3	17
25mm	37	53	25.3	72.3	14
32mm	43	57	32.4	75.1	23
40mm	55	72	40.4	93.1	33
50mm	58.8	80.1	50.4	102	31.5
50mmX2"	58.8	80.1	50.4	31.5	31.5
63mm	73.7	99.5	63.4	113.5	38



PLASTIC VALVES AND FITTINGS



ITEM NO:UU001

- END CONNECTOR: THREAD, SOCKET
- WORKING PRESSURE:150 PSI

UNION

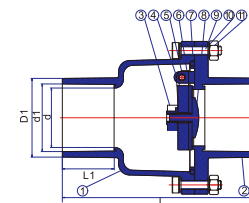
Specification of material

NO.	PART	MATERIAL	Q'TY
1	End Connector	PVC,CPVC	1
2	O-Ring	EPDM,FPM(NBR)	1
3	Union Nut	PVC,CPVC	1
4	Body	PVC,CPVC	1

UNION

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D2	D1	I	L
15mm(1/2")	14	14	22	22	21.34	20	14	29.20	50.6	20.5	48
20mm(3/4")	14	14	26	26	26.67	25	19	34.5	56.7	22	53.6
25mm(1")	11.5	11	32	34	33.4	32	24	42.6	66.5	28	63
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	52	81	30	72.6
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	59	86.8	34.5	85
50mm(2")	11.5	11	60	60	60.33	63	45	72.1	105.8	40	103
65mm(2 1/2")	8	11	76	76	73.03	75	60	90	129	40	109
80mm(3")	8	11	89	89	88.9	90	80	103.5	145.5	48	125.5
100mm(4")	8	11	114	114	114.3	110	100	132.5	175	60	160



ITEM NO:USV01

SWING CHECK VALVE

Specification of material

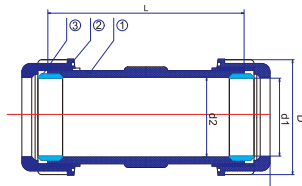
NO.	PART	MATERIAL	Q'TY
1	Exit Body	PVC	1
2	Entrance Body	PVC	1
3	Gate Nut	PVC	1
4	Disk	PVC	1
5	Pin	SUS304	1
6	Sheet Gasket	EPDM,FPM(NBR)	1
7	O-Ring	EPDM,FPM(NBR)	1
8	Sheet Gasket Holder	PVC	1
9	Bolt	SUS304	see table
10	Washer	SUS304	see table
11	Nut	SUS304	see table

SWING CHECK VALVE

Dimensions

Nom Size	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	L1	L	N-φ e
65mm(2 1/2")	76	76	73.03	75	68.3	89	58.0	226.2	8
80mm(3")	89	89	88.9	90	83	103.6	73.0	264.4	8
100mm(4")	114	114	114.3	110	101	131.6	90.0	358	8
150mm(6")	165.0	166	168.3	160	147	182	113.0	422.4	12

PLASTIC VALVES AND FITTINGS



ITEM NO:UCC01

- SPECIFICATION:ASTM D2846 STANDARD
- WORKING PRESSURE:150PSI

COMPRESSION COUPLING

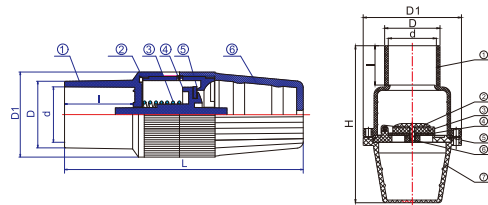
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1
2	Union Nut	PVC	2
3	Seat	EPDM,FPM(NBR)	2

COMPRESSION COUPLING

Dimensions

Nom Size	JIS d1	BS d1	ANSI d1	DIN d1	d2	D	L
15mm(1/2")	22	22	21.34	20	23	45.5	110.1
20mm(3/4")	26	26	26.67	25	28	53	110.1
25mm(1")	34	32	33.4	32	36	62.2	120.1
32mm(1 1/4")	42	38	42.16	40	44	69.6	129.2
40mm(1 1/2")	48	48	48.26	50	52	81	136.6
50mm(2")	60	60	60.33	63	64.5	94	159
65mm(2 1/2")	76	76	73.03	75	78	111.5	191.7
80mm(3")	89	89	88.9	90	92.7	127	221.7
100mm(4")	114	114	114.3	110	117.2	156.7	251.7



ITEM NO:UFV01

- END CONNECTOR: THREAD, SOCKET
- MATERIAL:PVC

FOOT VALVE

Specification of material

NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1
2	Connector	EPDM,FPM(NBR)	1
3	Spring	STAINLESS STEEL	1
4	Gate	PVC	1
5	Seal	EPDM,FPM(NBR)	1
6	Body	PVC	1

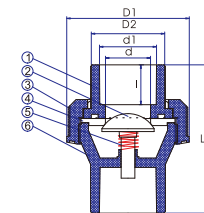
FOOT VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d	BS d	ANSI d	DIN d	D	D1	I	L
15mm(1/2")	14	14	22	22	21.34	20	31.0	43.7	31.0	137.0
20mm(3/4")	14	14	26	26	26.67	25	35.5	43.7	32.5	141.0
25mm(1")	11.5	11	32	34	33.4	32	41.9	43.7	32.8	141.0
32mm(1 1/4")	11.5	11	38	42	42.16	40	51.0	78	35.0	195.3
40mm(1 1/2")	11.5	11	48	48	48.26	50	60.3	78	56.0	217.4
50mm(2")	11.5	11	60	60	60.33	63	72.5	78	57.0	217.4
75mm(2 1/2")	8	11	76	76	73.03	75	90	171.6	73.5	293.4
90mm(3")	8	11	89	89	88.9	90	76.4	183.8	58.2	252
110mm(4")	8	11	114	114	114.3	110	115	216	91	360
125mm						125.6	142.4	232.6	95	386.47
140mm						140.6	159	246.5	105	430
160mm(6")	8	11	165	168.3	168.3	160	161	291	120	500



PLASTIC VALVES AND FITTINGS



ITEM NO:USU02

- SPECIFICATION:Schedule 40

SINGLE UNION SPRING CHECK VALVE

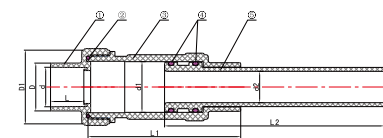
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Union Connector	PVC	1
2	Gate	PVC	1
3	Union Nut	PVC	1
4	Space Seal	EPDM,FPM(NBR)	1
5	Spring	STAINLESS STEEL	1
6	Body	PVC	1

SINGLE UNION SPRING CHECK VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D2	D1	I	L
15mm(1/2")	14	14	22	22	21.34	20	16	27.5	51.3	20.5	80
20mm(3/4")	14	14	26	26	26.67	25	19	35.5	65.5	22	86.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.5	73.7	28.0	96
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	51.6	86.8	30.0	105
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.9	102	34.7	115.5
50mm(2")	11.5	11	60	60	60.33	63	49.8	75	119.8	40	141



ITEM NO:UCC03

EXPANSION COUPLING

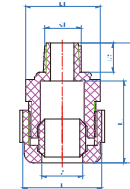
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Union Nut	PVC-U	1
2	Union Nut Seal	NBR	1
3	Body	PVC-U	1
4	Core Seal	NBR	2
5	Core	PVC-U	1

EXPANSION COUPLING

Dimensions

Nom Size	D1	D	d	d1	d2	d3	L	L1	L2
15mm(1/2")	45	27.6	21.34	27.9	16.5	21.4	23.3	95	135
20mm(3/4")	51.4	33.2	26.67	33.6	21.1	26.7	25.3	110.7	159
25mm(1")	63	40.8	33.4	43.2	26.7	33.4	28.4	130.5	187.7
32mm(1 1/4")	73.2	50	42.16	51.3	34.8	42.2	31.5	149	209.5
40mm(1 1/2")	79.8	56.6	48.26	57.6	42.2	48.3	33.3	170	233.5
50mm(2")	92	69	60.33	70.3	52.2	60.3	34.8	181	244.5
2 1/2"	105	85.5	73.4	79.8	62.3	73	46	108.38	270
3"	123.8	103	89.28	98	76.6	88.9	48.8	103.2	289.3
4"	154	129	114.68	121.6	101.1	114.3	55	107.98	316



ADAPTER, MALE X COMPRESSION

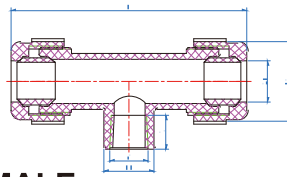
ITEM NO: UCC04

Nom Size	D	d	D1	d1	L	L1	L2
1/2"	44	23	41.8	20.69	67.32	46.32	16.5
3/4"	50.4	28.8	45.26	26.01	69.39	47.09	17
1"	56.7	34.4	50	32.59	77.11	52.11	20.5
1 1/4"	68	43.8	60	41.32	81.13	53.83	22
1 1/2"	75	50.5	68	47.38	85.48	57.98	22.5
2"	89	61.3	87.13	59.4	91.98	61.48	22.5

PLASTIC VALVES AND FITTINGS

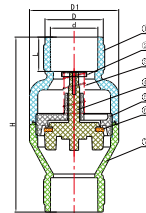


ITEM NO: UCC05



TEE, COMPRESSION X FEMALE

Nom Size	D	d	D1	L	L1	L2
1/2"	132.11	1/2"	28.3	19	23	44
3/4"	138.86	3/4"	34	20	28.8	50.4
1"	150.55	1"	40.6	23	34.4	56.7
1 1/4"	160.72	1 1/4"	50	25	43.8	68
1 1/2"	174.61	1 1/2"	56.5	21.5	50.5	75
2"	191.88	2"	69.5	31.5	61.3	89
3/4"X1/2"	138.86	1/2"	28.3	19	28.8	50.4



ITEM NO:UCV01

SPRING CHECK VALVE II

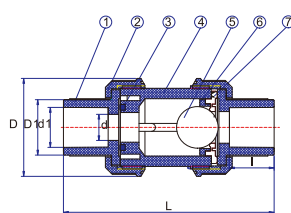
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Exit body	PVC-U	1
2	Stainless Plug	STAINLESS STEEL	1
3	Spring	STAINLESS STEEL	1
4	Core	PVC-U	1
5	Core frame	PVC-U	1
6	O-Ring	NBR	1
7	Entrance body	PVC-U	1

SPRING CHECK VALVE II

Dimensions

Nom Size	D1	D	BS(d)	ANSI(d)	DIN(d)	L	H
15mm(1/2")	45.2	30.5	22	21.34	20	23	103
20mm(3/4")	45.2	35.5	26	26.67	25	27	113.6
25mm(1")	57.5	43	34	33.4	32	28	142
32mm(1 1/4")	79.6	52	42	42.16	40	30.6	156
40mm(1 1/2")	79.8	60.2	48	48.26	50	36	167.4
50mm(2")	103.6	72	60	60.33	63	40.6	194.8



ITEM NO:UBC02

BALL CHECK VALVE

Specification of material

NO.	PART	MATERIAL	Q'TY
1	End Connector	PVC	2
2	Union Nut	PVC	2
3	Stem O-Ring	EPDM,FPM(NBR)	1
4	Body	PVC	1
5	Ball	PVC	1
6	Gland	PVC	1
7	Seat	EPDM,FPM(NBR)	1

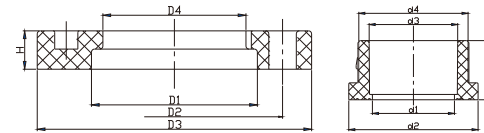
BALL CHECK VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	D	I	L
15mm(1/2")	14	14	22	22	21.34	20	15	27.5	51.3	20.5	105
20mm(3/4")	14	14	26	26	26.67	25	19.5	35.0	65.5	25	116.5
25mm(1")	11.5	11	32	34	33.4	32	25	41.6	73.7	28	130.5
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	51.6	86.8	29.5	148.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.9	102	34	168.5
50mm(2")	11.5	11	60	60	60.33	63	50	75	119.8	40	189



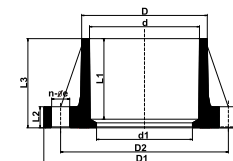
PLASTIC VALVES AND FITTINGS

ITEM NO: UVF01
■ MATERIAL : PVC

VAN STONE FLANGE

Dimensions

Nom Size	d1	d2	d3	d4	h	D1	D2	D3	D4	H
2"	51	91.8	58	74.6	43.5	92.5	120	152.4	77.6	20.5
2 1/2"	68	107.2	73.4	90.6	49	107.6	140	177.6	92.6	24.8
3"	77.2	119.9	89.4	107	54.9	120.6	152.5	191.4	109.4	26.4
4"	102.4	152.5	110.4	131.8	64.8	153	191	229.7	134	28.5
6"	156	206	160.5	189.2	85	207.5	241	284	192.5	32
8"	204.2	260	201	237	119	261	296	342.2	239	36.2
10"	266.3	338	273.8	305.9	135	308	362	407	—	34.5
12"	316.4	394	324.6	361.5	162	363.5	432	484	—	36.5
225mm	200	274	225	247.5	118	126	250	294.5	339	32
250mm	242	327	250	282	133	140	284	350	399.7	34.5
315mm	299	377	315	345	165.5	174	347.5	402.5	450.8	36.5

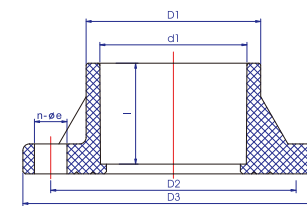


ITEM NO: UTF02

JIS FLANGE

Dimensions

Nom Size	D	d ANSI	d DIN	d JIS	d BS	D1	D2	d1	L1	L2	L3	n-φe
3/4"	35.3	26.67	25	26	26	100	75	22	35	15	40	4-φ15
1"	43	33.4	32	32	34	125	89	25	40	15	46	4-φ19
1 1/4"	49	42.16	40	38	42	135	100	30	44	16	50.5	4-φ19
1 1/2"	60.5	48.26	50	48	48	140	105	41	55	16	61.5	4-φ19
2"	73.5	60.33	63	60	60	155	120	52	63	20	71	4-φ19
2 1/2"	90.5	73.03	75	76	76	175	140	67	61	22	70	4-φ19
3"	105.5	88.9	90	89	89	185	150	78	64	22	73	8-φ19
4"	131	114.3	110	114	114	210	175	100	83.5	22	95	8-φ19



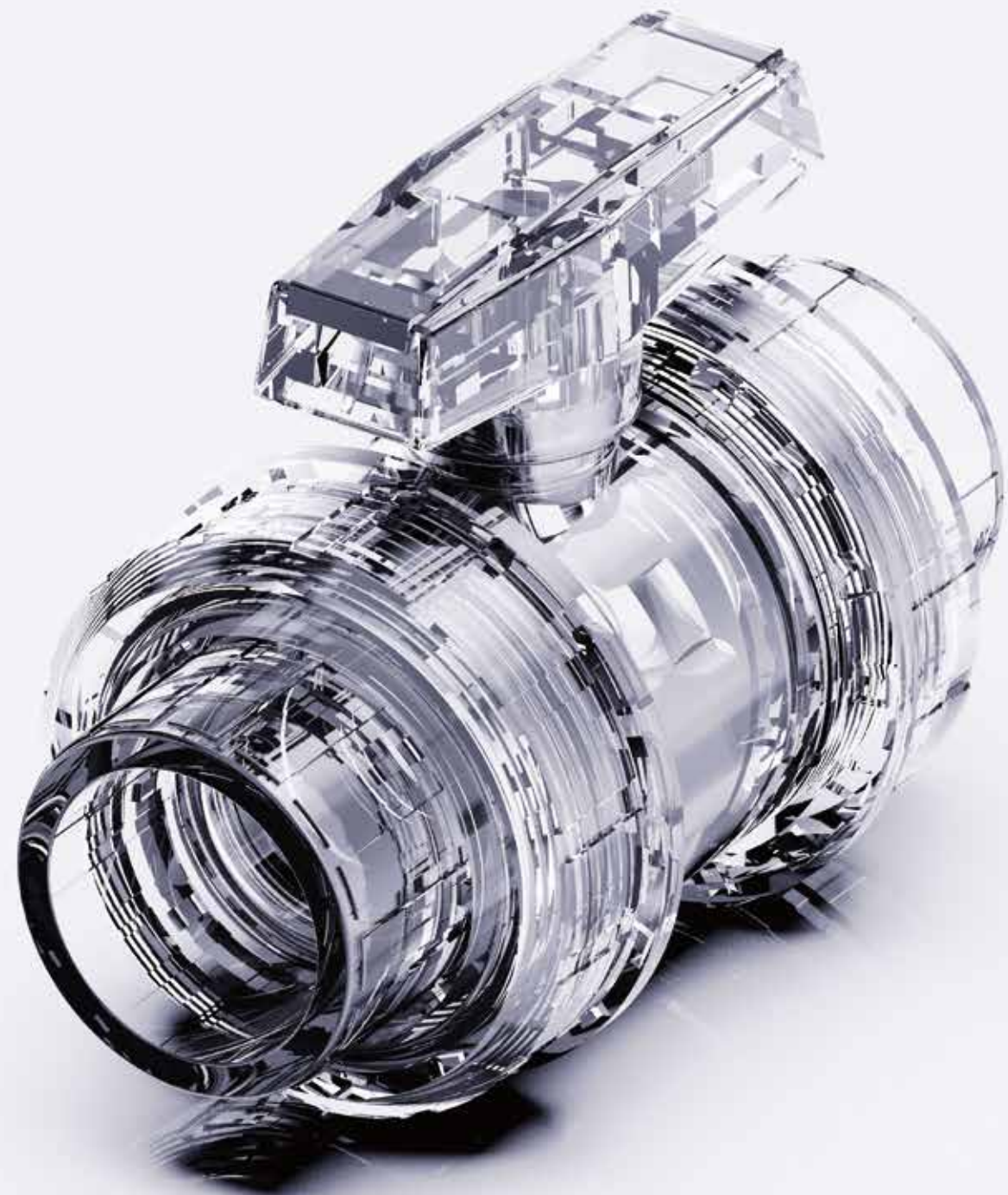
ITEM NO: UTF01

■ 235PSI MAXIMUM INTERNAL PRESSURE RATING @73° F
■ MATERIAL : PVC

TS FLANGE

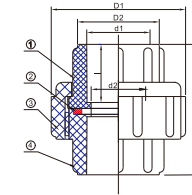
Dimensions

Nom Size	D1	D2	D3	d1 DIN	d1 ANSI	d1 JIS	d1 BS	I	n-φe
1/2"	30	60.5	89	20	21.34	22	22	22	4-16
3/4"	34	70.5	98	25	26.67	26	26	23.5	4-16
1"	42.5	79.5	108	32	33.4	32	34	25.5	4-16
1 1/4"	52	89.5	118	40	42.16	38	42	32	4-16
1 1/2"	61.5	98.5	127	50	48.26	48	48	32.5	4-19
2"	76	120.5	151.5	63	60.33	60	60	35.8	4-19
2 1/2"	89.5	139.5	177.3	75	73.03	76	76	41	4-19
3"	107.5	152.5	191	90	88.9	89	89	48.5	4-19
4"	130.5	190.5	228.5	110	114.3	114	114	58.5	8-19
5"	165	210	250	140	141.3	140	140.8	104	8-23
6"	188	240	280	160	168.3	165	168.3	132	8-23
8"	238	296	330	200	219.1	216	219.1	136	12-23
10"									



CPVC VALVES

VALVE



ITEM:CU001

- END CONNECTOR: THREAD, SOCKET
- WORKING PRESSURE:150 PSI



UNION

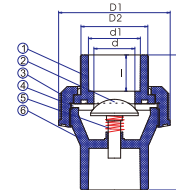
Specification of material

NO.	PART	MATERIAL	Q'TY
1	End Connector	CPVC	1
2	O-Ring	EPDM	1
3	Union Nut	CPVC	1
4	Body	CPVC	1

UNION

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D2	D1	I	L
15mm(1/2")	14	14	22	22	21.34	20	14	29.20	50.6	20.5	48
20mm(3/4")	14	14	26	26	26.67	25	19	34.5	56.7	22	53.6
25mm(1")	11.5	11	32	34	33.4	32	24	42.6	66.5	28	63
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	52	81	30	72.6
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	59	86.8	34.5	85
50mm(2")	11.5	11	60	60	60.33	63	45	72.1	105.8	40	103
65mm(2 1/2")	8	11	76	76	73.03	75	60	90	129	40	109
80mm(3")	8	11	89	89	88.9	90	80	103.5	145.5	48	125.5
100mm(4")	8	11	114	114	114.3	110	100	132.5	175	60	160



ITEM NO:CSU02

SINGLE UNION SPRING CHECK VALVE

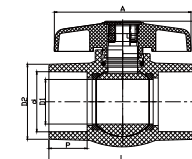
Specification of material

NO.	PART	MATERIAL	Q'TY
1	Union Connector	CPVC	1
2	Gate	CPVC	1
3	Union Nut	CPVC	1
4	Space Seal	EPDM	1
5	Spring	STAINLESS STEEL	1
6	Body	CPVC	1

SINGLE UNION SPRING CHECK VALVE

Dimensions

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D2	D1	I	L
15mm(1/2")	14	14	22	22	21.34	20	16	27.5	51.3	20.5	80
20mm(3/4")	14	14	26	26	26.67	25	19	35.5	65.5	22	86.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.5	73.7	28.0	96
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	51.6	86.8	30.0	105
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.9	102	34.7	115.5
50mm(2")	11.5	11	60	60	60.33	63	49.8	75	119.8	40	141



ITEM NO:CCV01

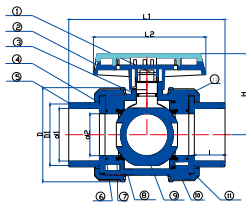
COMPACT BALL VALVE

Dimensions

Nom Size	d	D1	D2	P	L	H	A
15mm(1/2")	21.54	15	32.1	21.6	80	44.9	68.5
20mm(3/4")	26.9	20	38.5	25	93.3	52	80.5
25mm(1")	33.7	24	47	29	106.3	65	100
32mm(1 1/4")	42.4	30	54	32	121.3	70	108
40mm(1 1/2")	48.56	33.8	62	35.4	133.3	73.5	108
50mm(2")	60.5	45	75.7	38.6	149	81	138

CPVC VALVES AND FITTINGS

ASTM F1970



ITEM NO:CTB01

- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150PSI

TRUE UNION BALL VALVE

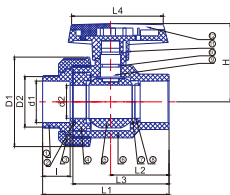
NO.	PART	MATERIAL	Q'TY
1	Stem	CPVC	1
2	Handle	ABS	1
3	Stem O-Ring	EPDM	2
4	Union Nut	CPVC	2
5	End Connector	CPVC	2
6	Body O-Ring	EPDM	2

Specification of material

NO.	PART	MATERIAL	Q'TY
7	O-Ring	EPDM	2
8	Body	CPVC	1
9	Ball	CPVC	1
10	Seat Seal	PTFE	2
11	Seat Carrier	CPVC	1
12	Carrier O-Ring	EPDM	1

TRUE UNION BALL VALVE

Dimensions													
Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D1	D	I	L1	L2	H
15mm(1/2")	14	14	22	22	21.34	20	14	27.6	51.2	20.6	112.5	65	50.5
20mm(3/4")	14	14	26	26	26.67	25	18.7	35.6	65.5	24.6	130.2	75	58.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.6	73.7	28	142.5	85	65.7
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	52	86.6	31	161	97	76.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	59.5	102	31.5	166.5	110	86
50mm(2")	11.5	11	60	60	60.33	63	50	75	120	40	214	133.5	101.5
65mm(2 1/2")	8	11	76	76	73.03	75	60	87.5	135	40	228	161	112.5
80mm(3")	8	11	89	89	88.9	90	79	107.5	188	48	269	200	160.5
100mm(4")	8	11	114	114	114.3	110	99	132	216	56	309	240	173.5



ITEM:CSU01

- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150 PSI

SINGLE UNION BALL VALVE

NO.	PART	MATERIAL	Q'TY
1	End Connector	CPVC	1
2	Carrier O-Ring	EPDM	1
3	Union Nut	CPVC	1
4	Seal Carrier	CPVC	1
5	Ball	CPVC	1
6	Body	CPVC	1

Specification of material

NO.	PART	MATERIAL	Q'TY
7	Seat Seal	PTFE	2
8	O-Ring	EPDM	2
9	Stem	CPVC	1
10	Stem O-Ring	EPDM	2
11	Handle	ABS	1

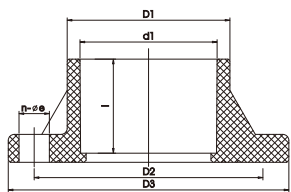
SINGLE UNION BALL VALVE

Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D2	D1	I	L1	L2	L3	L4	H
15mm(1/2")	14	14	22	22	21.34	20	14	27.6	51.3	20.6	95.8	25.3	67.3	65	49.5
20mm(3/4")	14	14	26	26	26.67	25	18.7	35.2	65.5	25	111.4	32.4	78.3	74.9	56.5
25mm(1")	11.5	11	32	34	33.4	32	24	41.6	73.7	27.9	121.5	49.5	85.9	85	65
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	49	86.6	27.0	130	57	99	97.1	76.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.8	102	34.5	157.5	69.0	113.5	109.7	86.5
50mm(2")	11.5	11	60	60	60.33	63	50	74.5	120	40	190	81	136.5	190.0	102
65mm(2 1/2")	8	11	76	76	73.03	75	60	89	135	40	210	95.9	156	161	113.5
80mm(3")	8	11	89	89	88.9	90	79	107.5	188	48	254.6	120.9	196.5	199.4	161.5
100mm(4")	8	11	114	114	114.3	110	99	132	215.5	56	294	140.7	225	240	174



CPVC VALVES AND FITTINGS

ASTM F1970

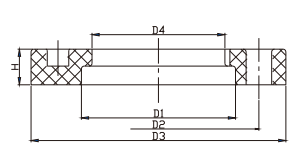


ITEM NO: CTF01

- 235PSI MAXIMUM INTERNAL PRESSURE RATING @73° F
- MATERIAL : CPVC

TS FLANGE

Dimensions									
Nom Size	D1	D2	D3	d1 DIN	d1 ANSI	d1 JIS	d1 BS	I	n-ø e
1/2"	30	60.5	89	20	21.34	22	22	22	4-16
3/4"	34	70.5	98	25	26.67	26	26	23.5	4-16
1"	42.5	79.5	108	32	33.4	32	34	25.5	4-16
1 1/4"	52	89.5	118	40	42.16	38	42	32	4-16
1 1/2"	61.5	98.5	127	50	48.26	48	48	32.5	4-19
2"	76	120.5	151.5	63	60.33	60	60	35.8	4-19
2 1/2"	89.5	139.5	177.3	75	70.03	76	76	41	4-19
3"	107.5	152.5	191	90	88.9	89	89	48.5	4-19
4"	130.5	190.5	228.5	110	114.3	114	114	58.5	8-19

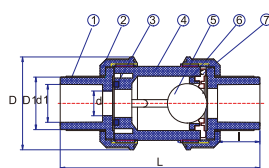


ITEM:CVF01

- MATERIAL : CPVC

VAN STONE FLANGE

Dimensions										
Nom Size	d1	d2	d3	d4	h	D1	D2	D3	D4	H
2"	51	91.8	58	74.6	43.5	92.5	120	152.4	77.6	20.5
2 1/2"	68	107.2	73.4	90.6	49	107.6	140	177.6	92.6	24.8
3"	77.2	119.9	89.4	107	54.9	120.6	152.5	191.4	109.4	26.4
4"	102.4	152.5	110.4	131.8	64.8	153	191	229.7	134	28.5



ITEM:CBC02

BALL CHECK VALVE

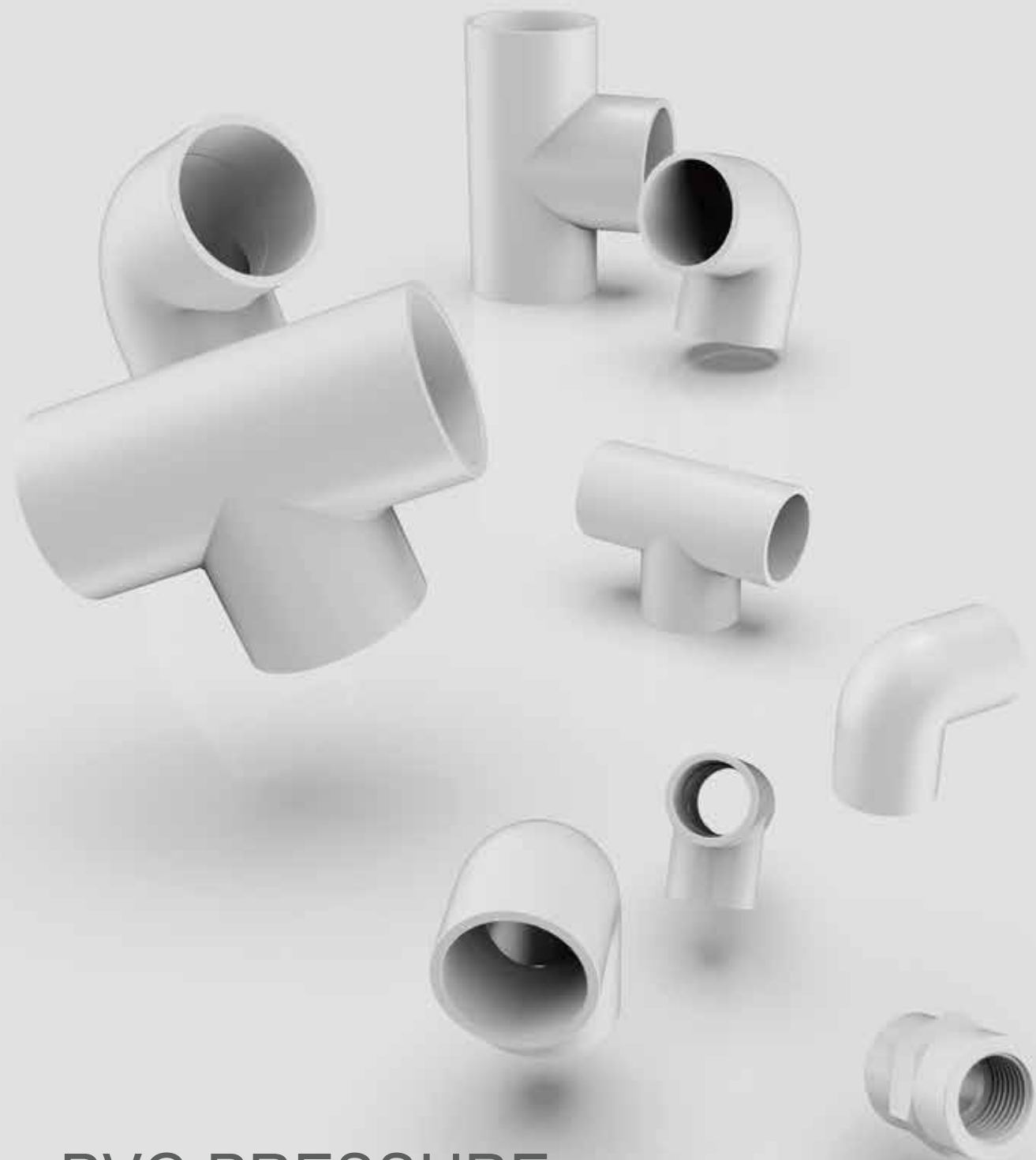
NO.	PART	MATERIAL	Q'TY
1	End Connector	CPVC	2
2	Union Nut	CPVC	2
3	Stem O-Ring	EPDM	1
4	Body	CPVC	1

Specification of material

NO.	PART	MATERIAL	Q'TY
5	Ball	CPVC	1
6	Gland	CPVC	1
7	Seat	EPDM	1

BALL CHECK VALVE

Dimensions											
Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	D	I	L
15mm(1/2")	14	14	22	22	21.34	20	15	27.5	51.3	20.5	105
20mm(3/4")	14	14	26	26	26.67	25	19.5	35.0	65.5	25	116.5
25mm(1")	11.5	11	32	34	33.4	32	25	41.6	73.7	28	130.5
32mm(1 1/4")	11.5	11	38	42	42.16	40	32	51.6	86.8	29.5	148.5
40mm(1 1/2")	11.5	11	48	48	48.26	50	40	60.9	102	34	168.5
50mm(2")	11.5	11	60	60	60.33	63	50	75	119.8	40	189

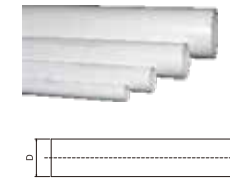


PVC PRESSURE PIPES & FITTINGS (ISO1452 PN10)

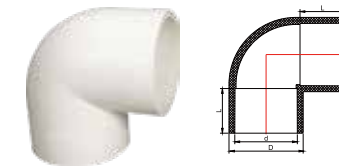
PRESSURE



ISO1452 PVC PRESSURE PIPES & FITTINGS PN10



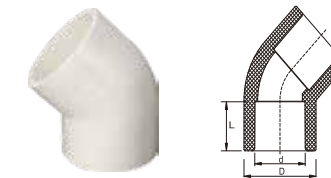
ITEM NO: US001



ITEM NO: USE02

● PRESSURE PIPES PN10

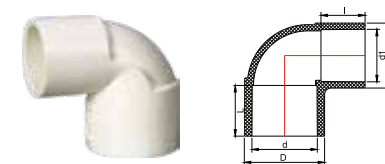
Size Nom	Outer Dia	Wall Thickness
40	40	2.0
50	50	2.4
63	63	3.0
75	75	3.6
90	90	4.3
110	110	4.8
160	160	7.6
200	200	8.7



ITEM NO: USE01

● 45° ELBOW

Size Nom	D	d	L
20	25	20	17
25	30.8	25	19.5
32	38.3	32	23
40	47.9	40	28.5
50	58.3	50	33.5
63	72.9	63	40
75	87.6	75	44
90	105.4	90	51
110	126.4	110	61
125	142.4	125	69
140	159	140	76.5
160	180.6	160	86.5
180	196.6	180	96
200	225.6	200	107
225	245	225	106
250	274.6	250	119
280	306	280	147
315	343	315	164
355	385	355	184
400	431	400	206



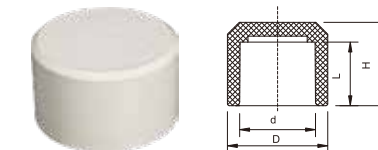
ITEM NO: USE07

● REDUCING ELBOW

Size Nom	D	d	L	D1	d1	I
25X20	30.9	25	20	25	20	20

● 90° ELBOW

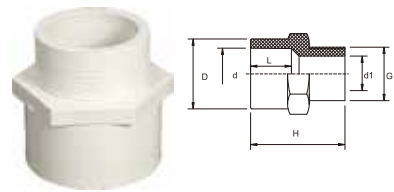
Size Nom	D	d	L
20	25	20	17
25	30.8	25	19.5
32	38.3	32	23
40	47.9	40	28.5
50	58.3	50	33.5
63	72.9	63	40
75	87.6	75	44
90	105.4	90	51
110	126.4	110	61
125	142.4	125	69
140	159	140	76.5
160	180.6	160	86.5
180	196.6	180	96
200	225.6	200	107
225	245	225	119
250	274.6	250	131
280	306	280	147
315	343	315	164
355	385	355	184
400	431	400	206



ITEM NO: US016

● END CAP

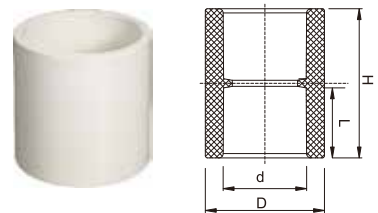
Size Nom	D	d	L	H
20	26.2	20	19	24
25	31.2	25	21.5	27
32	38.5	32	29.5	31
40	47.4	40	28.2	35
50	58.5	50	33	40
63	72.4	63	40	47
75	88.2	75	46	53.6
90	105.4	90	51	63.3
110	126.3	110	59.5	74.1
125	142.4	125	69	83.2
140	159	140	76.5	92.6
160	180.6	160	86.5	104.6
180	196.6	180	96	134.5
200	225.6	200	107	129.3
225	245	225	119	162.5
250	274.6	250	131	183
315	343	315	164	228
355	385	355	184	268
400	431	400	206	297



ITEM NO: US012

MALE ADAPTOR(NPT/BSPT)

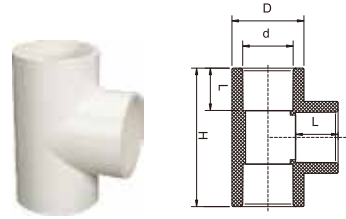
Size	Nom	D	d	G	L	H	d1
20	27.4	20	1/2"	16	37	14	
25	33.2	25	3/4"	19	43	18.5	
32	40.6	32	1"	23	50.7	25	
40	49.3	40	1 1/4"	26	58	32	
50	60.3	50	1 1/2"	31.5	61	36	
63	85.8	63	2"	38	73	47	
75	89	75	2 1/2"	44	90	60	
90	105.4	90	3"	51	108	69.2	
110	130	110	4"	61.5	119	92	
(BSPT)160	180.6	180.7	6"	83	150	137	



ITEM NO: US003

COUPLING

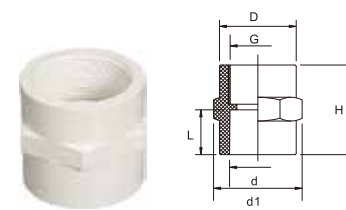
Size	Nom	D	d	L	H
20	25	20	17	36	
25	30.8	25	19.5	41	
32	38.3	32	23	48	
40	47.9	40	28.5	60	
50	58.3	50	33.5	70	
63	72.9	63	40	83	
75	87.6	75	44	90	
90	105.4	90	51	106	
110	126.4	110	61	126	
125	142.4	125	69	144	
140	159	140	76.5	161	
160	180.6	160	86	180	
180	196.6	180	96	198	
200	225.6	200	107	222	
225	245	225	119	252	
250	274.6	250	131	269	
280	306	280	147	304	
315	343	315	164	344	
355	385	355	184	378	
400	431	400	206	419	



ITEM NO: UST01

STRAIGHT TEE

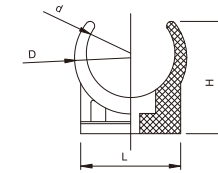
Size	Nom	D	d	L	H
20	31.2	20	17	57	
25	30.8	25	19.5	67	
32	38.3	32	23	81	
40	47.9	40	28.5	102	
50	58.3	50	33.5	123	
63	72.9	63	40	148	
75	87.6	75	44	166	
90	105.4	90	51	196	
110	126.4	110	61	236.4	
125	142.4	125	69	268	
140	159	140	76.5	298	
160	180.6	160	86	338	
180	196.6	180	96	377	
200	225.6	200	107	434	
225	245	225	119	468	
250	274.6	250	131	518	
280	306	280	147	592	
315	343	315	164	651	
355	385	355	184	739	
400	431	400	186	792	



ITEM NO: US011

FEMALE ADAPTOR(NPT/BSPT)

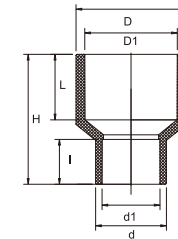
Size	Nom	D	d	G	L	H	d1
20	27.4	20	1/2"	16	32	31.6	
25	33.2	25	3/4"	19	38	38.3	
25X1/2"	32.5	25.3	1/2"	28.4	19	36	
32	40.6	32	1"	22	44.7	47.5	
40	49.3	40	1 1/4"	26	53	56.9	
50	60.3	50	1 1/2"	31.5	55.2	69.6	
63	85.8	63	2"	38	69	85.8	
75	89	75	2 1/2"	44	84	89	
90	105.4	90	3"	51	97	105.4	
110	130	110	4"	61.5	114	130	



ITEM NO: US007

PIPE BRACKET

Size	Nom	D	d	L	H
20	24.7	19.5	24.7	24.7	
25	32.8	24.5	29.4	28.7	
32	40.5	31.5	37	32.5	
40	50	39.5	39.6	40.5	
50	61.2	49.5	44	49.5	
63	77	62.5	60	59	

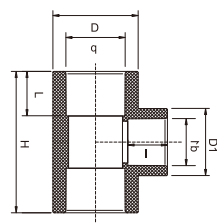


ITEM NO: US004

REDUCING COUPLING

Size	Nom	D	D1	L	d	d1	I	H
25X20	30.8	25	19.5	25	20	17	43	
32X20	38.3	32	23	25	20	17	48	
32X25	38.3	32	23	30.8	25	19.5	50.5	
40X20	47.9	40	28.5	25	20	17	54.5	
40X25	47.9	40	28.5	30.8	25	19.5	56.5	
40X32	47.9	40	28.5	38.3	32	23	60	
50X20	58.3	50	33.5	25	20	17	62	
50X25	58.3	50	33.5	30.8	25	19.5	63.8	
50X32	58.3	50	33.5	38.3	32	23	68	
50X40	58.3	50	33.5	47.9	40	28.5	72	
63X25	72.9	63	40	30.8	25	19.5	75	
63X32	72.9	63	40	38.3	32	23	79	
63X40	72.9	63	40	47.9	40	28.5	83	
63X50	72.9	63	40	58.3	50	33.5	88	
75X32	82.4	75	44	37.6	32	22	95	
75X40	87.6	75	44	47.9	40	28.5	91.5	
75X50	87.6	75	44	58.3	50	33.5	96	
75X63	87.6	75	44	72.9	63	40	101	
90X40	105.4	90	51	47.9	40	28.5	103	
90X50	105.4	90	51	58.3	50	33.5	106.5	
90X63	105.4	90	51	72.9	63	40	114	
90X75	105.4	90	51	87.6	75.4	44	119.5	
110X63	126.4	110	61.5	72.9	63.3	40	129	
110X75	126.4	110	61.5	87.6	75.4	44	133	
110X90	126.4	110	61	105.4	90	51	139	
125X75	136	125	70	82.4	75	44	144	
125X90	136	125	70	98.8	90	51	145	
125X110	136	125	70	120	110	61	148	
140X90	152.4	140	76	98.8	90	51	159	

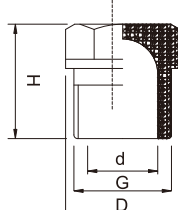
Size	Nom	D	D1	L	d	d1	I	H
140X110	152.4	140	76	120	110	61	162	
160X90	174	160	86	98.8	90	51	179	
160X110	180.6	160	86.5	126.4	110	61	190	
160X125	174	160	86	136	125	70	180	
160X140	174	160	86	152.4	140	76	182	
180X160	196.6	180	96	174	160	86	198	
200X110	217.6	200	106	120	110	61	220	
200X160	225.6	200	107	180.6	160	86.5	238.5	
200X180	217.6	200	106	196.6	180	96	219	
225X110	245	225	120	120	110	61	221	
225X160	245	225	120	174	160	86	234	
225X200	245	225	119	217.6	200	106	243	
250X110	274.6	250	131	120	110	61	271	
250X160	274.6	250	131	174	160	86	271	
250X200	274.6	250	131	217.6	200	106	271	
250X225	274.6	250	131	245	225	119	270	
280X250	306	280	147	274.6	250	132	301	
315X110	343	315	164.5	120	110	61	336	
315X160	343	315	164.5	174	160	86	336	
315X200	343	315	164.5	217.6	200	106	336	
315X250	343	315	164.5	274.6	250	131	336	
315X280	343	315	164.5	306	280	147	338	
355X200	385	355	184	217.6	200	106	379	
355X315	385	355	184	343	315	164	380	
400X200	431	400	206	217.6	200	106	422	
400X250	431	400	206	274.6	250	131	422	
400X315	431	400	206	343	315	164	422	
400X355	431	400	206	385	355	184	420	



ITEM NO: UST02

● REDUCING TEE

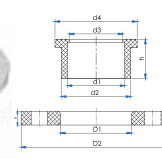
Size	Nom	D	d	L	D1	d1	I	H
25X20		30.8	25	19.5	25	20	17	64
32X20		38.3	32	23	25	20	17	69
32X25		38.3	32	23	30.8	25	19.5	79
40X20		47.9	40	28.5	25	20	17	82
40X25		47.9	40	28.5	30.8	25	19.5	90
40X32		47.9	40	28.5	38.3	32	23	92
50X20		58.3	50	33.5	25	20	17	91
50X25		58.3	50	33.5	30.8	25	19.5	98
50X32		58.3	50	33.5	38.3	32	23	105
50X40		58.3	50	33.5	47.9	40	28.5	110
63X25		72.9	63	40	30.8	25	19.5	110
63X32		72.9	63	40	38.3	32	23	118
63X40		72.9	63	40	47.9	40	28.5	125
63X50		72.9	63	40	58.3	50	33.5	140
75X32		82.4	75	44	37.6	32	22	126
75X40		87.6	75	44	47.9	40	28.5	137
75X50		87.6	75	44	58.3	50	33.5	143
75X63		87.6	75	44	72.9	63	40	156
90X40		105.4	90	51	47.9	40	28.5	151
90X50		105.4	90	51	58.3	50	33.5	159
90X63		105.4	90	51	72.9	63	40	172
90X75		105.4	90	51	87.6	75	44	186
110X63		126.4	110	61	72.9	63	40	190.2
110X75		126.4	110	61	87.6	75	44	206
110X90		126.4	110	61	105.4	90	51	221
125X75		136	125	70	82.4	75	44	237
125X90		136	125	70	98.8	90	51	237
125X110		136	125	70	120	110	61	256
140X90		152.4	140	70	98.8	90	51	248
140X110		152.4	140	76	120	110	61	268.5



ITEM NO: US010

● THREAD PLUG

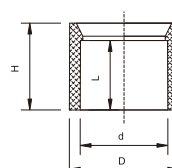
Size	Nom	D	d	G	H
20		24	13	1/2"	28
25		30.4	19	3/4"	30.7
32		39.2	23	1"	37.5



ITEM NO: US013+US014

● PLANE FLANGE & SHORT PIPE FOR FLANG

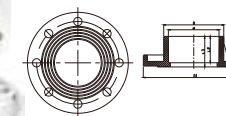
Size	Nom	d1	d2	d3	d4	h	D1	D2	H
63		63.4	76.4	58.8	90.4	43.3	78	165	15
75		75.4	89.3	71.2	105.5	49.6	90.7	179	15.3
90		90.4	106.3	84.7	124	60	107	192.6	15.7
110		110.5	129.8	105	149.5	69	131.4	218.5	18
160		160.6	181.5	150	214	92.5	184.5	284	22.8
200		200.6	223.2	194.5	266.5	120.2	228	338.4	28
225		200	274	225	247.5	118	126	250	32
250		242	327	250	282	133	140	284	34.5
315		299	377	315	345	165.5	174	347.5	36.5



ITEM NO: US005

● REDUCING RING

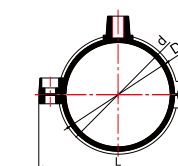
Size	Nom	D	d	L	H
25X20		25	20	17	20.5
32X20		32	20	17	24
32X25		32	25	20	25
40X32		40	32	25	28.5
50X25		50	25	19.5	33.5
50X32		50	32	23	33.5
50X40		50	40	27.5	33.5
63X25		63	25	19.5	40
63X32		63	32	21.7	37.5
63X40		63	40	28.5	40
63X50		63	50	32.5	40
75X50		75	50	33.5	44
75X63		75	63	40	44
90X50		90	50	33.5	51
90X63		90	63	38	51.3
90X75		90	75	44	51
110X63		110	63	38.4	63.3
110X75		110	75	45	63.3
110X90		110	90	46.7	59.6
125X90		125	90	50	69
140X90		140	90	51	76.5
160X90		160	90	51	86.5
160X110		160	110	59.5	85.5
200X110		200	110	61	106
225X110		225	110	61	118.5
250X160		250	160	86	131
		250	200	106	131
250X225		250	225	118.5	131
355X315		355	315	163.5	183.5
400X315		400	315	163.5	206



ITEM NO:US015

● TS FLANGE

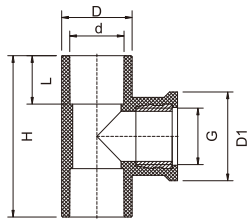
Size	Nom	D	d	D1	L1	L2	L3	T
20		27	20.3	95	14	16	20.2	4X13.5
25		33	25.3	105	16	19	23.2	4X14
32		40	32.4	115	16	22	26.2	4X14
40		50	40.4	140	16	26	30.5	4X18
50		61	50.4	150	17.6	30.5	34.1	4X18
63		76	63.4	164.6	18	38.9	43	4X18
75		90	75.5	185	19.3	44	48	4X18
90		106.8	90.5	194.5	22.2	46.5	54	4X18
110		131	110.6	220	24	57.6	66.6	4X18



ITEM NO: US006

● PIPE CLAMP

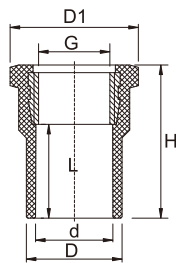
Size	Nom	D	d	L
20		23.4	20	40
25		29.4	25	45
32		36	32	55
40		44	40	63
50		54	50	77
63		68.5	63	100



ITEM NO: UST03

COPPER THREAD TEE

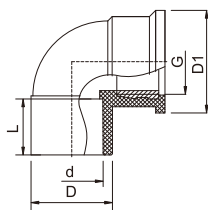
Size	Nom	D	d	L	G	H	D1
20X1/2"		25	20	17	1/2"	60	33
25X1/2"		30.8	25	19.5	1/2"	68	33
25X3/4"		30.8	25	19.5	3/4"	73	40
32X1/2"		38.3	32	23	1/2"	68	33
32X3/4"		38.3	25	23	3/4"	73	40
32X1"		38.3	32	23	1"	90	45



ITEM NO: US009

COPPER THREAD COUPLING

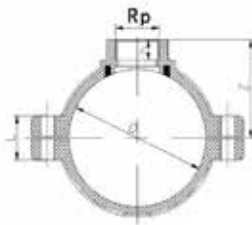
Size	Nom	D	d	D1	G	L	H
20X1/2"		25	20	33.5	1/2"	24.5	40
25X1/2"		30.8	25	35.3	1/2"	19.5	43
25X3/4"		30.8	25	40.4	3/4"	28	45
32X1/2"		38.3	32	33.5	1/2"	23	43
32X3/4"		38.3	25	44.2	3/4"	23	47
32X1"		38.3	32	50	1"	23	49



ITEM NO: USE03

90° COPPER THREAD ELBOW

Size	Nom	D	d	L	G	D1
20X1/2"		25	20	17	1/2"	33
25X1/2"		30.8	25	19.5	1/2"	33
25X3/4"		30.8	25	19.5	3/4"	40
32X1/2"		38.3	32	23	1/2"	33
32X3/4"		38.3	25	23	3/4"	40
32X1"		38.3	32	23	1"	45

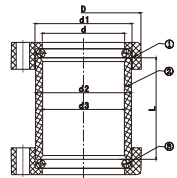


ITEM NO:USS01

UPVC SADDLE CLAMP

Nom Size	D	Rp	H	Z	L
50X25	50	25	26	59	23
63X25	63	25	26	65	28
63X1"	63	1"	21	60	28
75X3/4"	75	3/4"	20	65	31
75X1 1/2"	75	1 1/2"	24	68	31
90X25	90	25	26	80	36
90X1"	90	1"	24	79.5	36
90X1 1/2"	90	1 1/2"	24	75	36
110X1/2"	110	1/2"	24	88.5	38
110X3/4"	110	3/4"	20	88.5	38
110X1"	110	1"	24	88.5	38
110X1 1/2"	110	1 1/2"	35	97	38
110X2"	110	2"	35	97	38
110X2 1/2"	110	2 1/2"	35	97	38
125X1 1/2"	125	1 1/2"	37	105	37
125X2"	125	2"	37	105	37
125X2 1/2"	125	2 1/2"	37	105	37
160X1"	160	1"	24	114.5	55
160X1 1/2"	160	1 1/2"	36	125	55
160X2"	160	2"	36	125	55

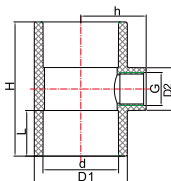
Nom Size	D	Rp	H	Z	L
160X2 1/2"	160	2 1/2"	36	125	55
200X1 1/2"	200	1 1/2"	35	142	74
200X2"	200	2"	37	142	74
200X2 1/2"	200	2 1/2"	37	142	74
225X3/4"	225	3/4"	20	153.5	76
225X1 1/2"	225	1 1/2"	37	153.5	76
225X2"	225	2"	37	153.5	76
225X2 1/2"	225	2 1/2"	37	153.5	76
250X2"	250	2"	28	170	76
250X2"(铜)	250	2"	28	170	76
250X2 1/2"	250	2 1/2"	38	170	76
250X3"	250	3"	34	170	76
250X110	250	110	61.5	195	76
315X2"(铜)	315	2"	27	170	70
315X110	315	110	63	231.5	70
315X160	315	160	86	250	70
400X110	400	110	61	285	87
400X200	400	200	106	330	87
400X250	400	250	162	385	87



ITEM NO:USG001

GIBOT

Size	Nom	D	d	d1	d2	d3	L
63		90.6	64.5	76	75	64	79.5
75		102.83	76	90.44	90	76	92
90		132.5	91	109.5	91	91	105
110		154.5	111	131.5	129.4	111	130.6
160		211	161	184.5	184		155.6
200		260.7	201	229.4	228.8		205.6
225		291.6	226	257.3	256.8		230.6
250		320.2	251	285.1	284.6		255.6

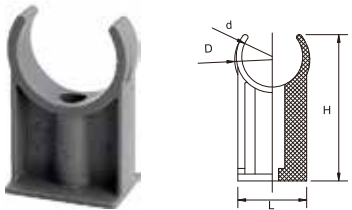


ITEM NO:USF001

FEMALE REDUCING TEE

Size	Nom	D1	D2	d	L	H	h	G
63X3/4"		75	34	63	40	113	51.5	3/4"

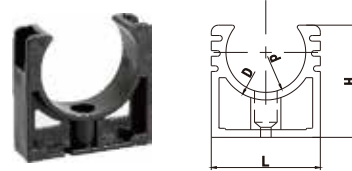
PVC PRESSURE PIPES & FITTINGS PN10 ISO1452



ITEM NO: US008

U-BRACKET

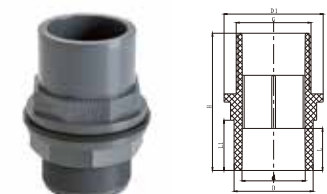
Size	Nom	D	d	L	H
20	24	19.5	22	46.8	
25	32.8	24.5	29.4	52	
32	40.5	31.5	37	57	
40	50	39.5	39.6	64	
50	61.2	49.5	44	69.8	
63	77	62.5	60	80	



ITEM NO:US017

CLAMP (PP)

Size	Nom	D	d	L	H
25	31	24.5	37.8	36.8	
32	37.9	31.5	47.8	43	
40	47	39.5	54	55.5	
50	56.6	49.5	63.5	60	
63	68.7	62.5	76.5	66.5	



ITEM NO:USG002

FLANGE COUPLING M/F

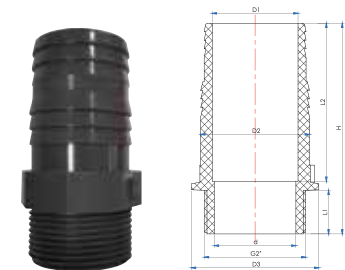
Size	Nom	d	D	D1	L	L1	H	H1	G
32X40X1 1/4"	32	40	57.8	22.5	28.5	91.8	17	1 1/4"	
40X50X1 3/4"	40	50	71.8	28.5	33.5	98.5	19.2	1 3/4"	
50X40X2 1/2"	40.4	50	57.9	28.5	33.5	98.5	19	2 1/2"	
50X63X2"	50	63	79	33.5	40	109.3	21	2"	
63X75X2 1/2"	63	75	95	40	44	120	23	2 1/2"	



ITEM NO:USC01

HOSE CONNECTOR

Size	Nom	D	d	D1	L	L1	H
20	20	14	18	31			73
25	25	17	20.8	36.5	21		76
32	32	24	27.8	39.5	22		80.5
40	40	32	37	42	26		92
50	50	41	47	45.5	31		100



ITEM NO:USC02

MALE HOSE CONNECTOR

Size	Nom	D1	D2	D3	d	L1	L2	H	G
20X22X1/2"	15	22	24	14.5	15	45	66	1/2"	
25X27X3/4"	19	25	30	18	15.5	49	70.5	3/4"	
30X32X1"	24	30	36	24	19		77	1"	
40X42X1 1/4"	33	39.4	46	32	22	59	88	1 1/4"	
50X52X1 1/2"	42	49	55	37.5	22	62	91	1 1/2"	
60X64X2"	50.5	64	75	48	25.7	93	124	2"	



ITEM NO: UST04

SKEW TEE

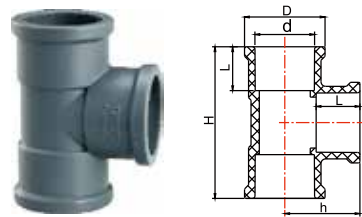
Size	Nom	d	D	H	L
110	198		126.4	284.4	61



PVC PRESSURE FITTINGS TYPE II

PRESSURE

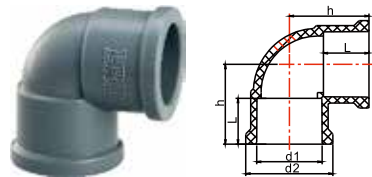
PVC PRESSURE FITTINGS TYPE II



ITEM NO:US II 001

TEE

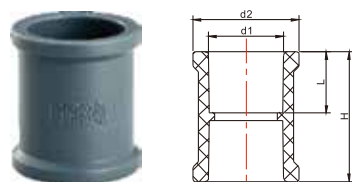
Size	Nom	d1	d2	L	h	H
20	20	28.5	16.5	28	54.2	
25	25	34	18.5	31.8	64	
32	32	43	22.5	40	78.2	
40	40	51.5	26.2	47.1	95	
50	50	63	31.3	58	115	
63	63	80	37.5	70	140	



ITEM NO:US II 003

90° ELBOW

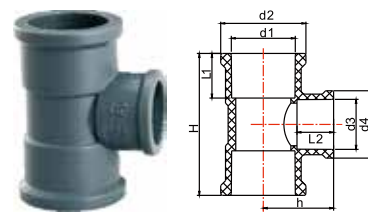
Size	Nom	d1	d2	h	L
20	20	28.5	27.4	16.5	
25	25	34	32	18.5	
32	32	43	39.3	22.5	
40	40	51.5	47.8	26.2	
50	50	63	58.5	31.3	
63	63	80	70.5	37.5	



ITEM NO:US II 005

COUPLING

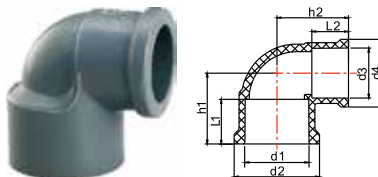
Size	Nom	d1	d2	H	L
20	20	28.5	35	16.5	
25	25	34	40.3	18.5	
32	32	43	47.6	22.5	
40	40	51.5	55.5	26.2	
50	50	63	65.7	31.3	
63	63	80	79	37.5	



ITEM NO:US II 002

REDUCING TEE

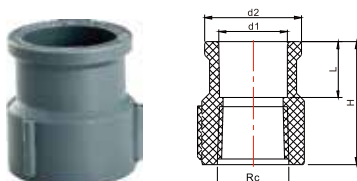
Size	Nom	d1	d2	d3	d4	L1	L2	h	H
25X20	25	34	20	28.5	18.5	16.5	29.6	59.2	
32X25	32	43	25	34	22.5	18.5	35.5	71.6	
40X32	40	51.5	32	43	26.2	22.5	44	86.5	
50X32	50	63	32	43	31.3	22.5	48.5	97	
50X40	50	63	40	51.5	31.3	26.2	53	105.5	



ITEM NO:US II 004

REDUCING ELBOW

Size	Nom	d1	d2	d3	d4	L1	L2	h1	h2
25X20	25	34	20	28.5	18.5	16.5	29.8	30	
32X25	32	43	25	34	22.5	18.5	35.7	36.1	
40X32	40	51.5	32	43	26.2	22.5	44	44.8	



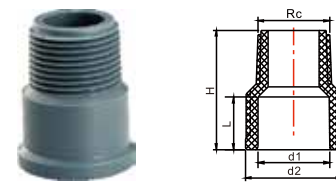
ITEM NO:US II 006

FEMALE ADAPTOR

Size	Nom	Rc	H	d1	d2	L
20X1/2"	1/2"	36.2	20	28.5	16.5	
25X3/4"	3/4"	40.2	25	34	18.5	
32X1"	1"	47.5	32	43	22.5	
40X1 1/4"	1 1/4"	55	40	51.5	26.2	
50X1 1/2"	1 1/2"	57.5	50	62	31.3	



PVC PRESSURE FITTINGS TYPE II



ITEM NO:US II 007

MALE ADAPTOR

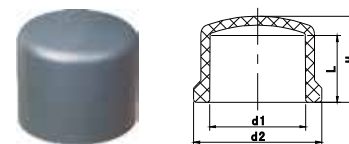
Nom Size	Rc	H	d1	d2	L
20X1/2"	1/2"	38	20	28.5	16.5
25X3/4"	3/4"	42	25	34	18.5
32X1"	1"	49.5	32	43	22.5
40X1 1/4"	1 1/4"	56	40	51.5	26.2
50X1 1/2"	1 1/2"	65.7	50	63	31.3
63X2"	2"	78.6	63	80	37.5



ITEM NO:US II 009

UNION TYPE III

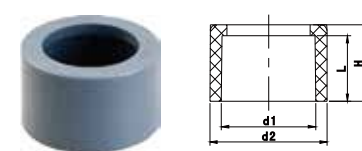
Nom Size	D1	D	d	d1	I	L
20	48	30.2	20	15	16.5	45.5
25	55	36.8	25	22	18.5	51.5
32	55	38	32	27.5	22.5	54.2
40	76	52	40	32.8	26.2	68.2
50	85	59	50	40	31.3	74.3
63	101	72.8	63	53.5	37.5	85.2



ITEM NO:US II 011

END PLUG

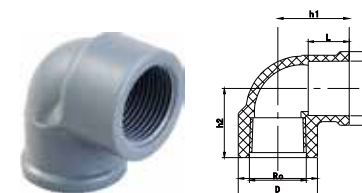
Nom Size	d1	d2	L	H
20	20	28.5	16.5	21.5
25	25	34	18.5	25
32	32	43	22.5	29
40	40	51.5	26.2	33
50	50	63	31.3	39.2
63	63	80	37.5	47.4



ITEM NO:US II 008

REDUCING RING

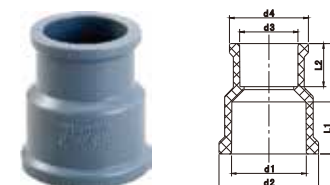
Nom Size	d1	d2	L	H
25X20	20	25	16.5	18.7
32X25	25	32	18.5	22.2
40X32	32	40	22.5	26.2
50X40	40	50	26.2	31.6
63X50	50	63	31.3	37.9



ITEM NO:US II 010

FEMALE ELBOW

Nom Size	d1	d2	D	Rc	L	h1	h2
20X1/2"	20	28.5	30.2	1/2"	16.5	26.4	28.5
25X3/4"	25	34	36.6	3/4"	18.5	33	32
32X1"	32	43	44	1"	22.5	39.4	39.5



ITEM NO:US II 012

REDUCING COUPLING

Nom Size	d1	d2	d3	d4	L1	L2	H
25x20	25	34	20	28.5	18.5	16.5	40
32x25	32	43	25	34	22.5	18.5	47.6
40x32	40	51.5	32	43	26.2	22.5	56
50x32	50	43	43.7	32.3	29.5		61.5



ITEM NO:US II 014

FLANGE COUPLING

Nom Size	D1	D2	D	d	d1	I	L	G	Tr
32X1"	79.5	73.8	44	32	28.6	22.5	64	1"	45
40X1 1/4"	87.6	82	54.8	40	35	26.2	64	1 1/4"	53
50X1 1/2"	95	87.5	61	50	43	36.3	67.2	1 1/2"	57.8
63X2"	109	102	74.8	63	54.4	37.5	67.5	2"	73

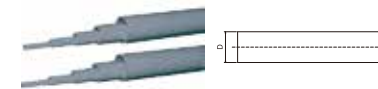
PVC PRESSURE & FITTINGS PN16

(DIN8063)

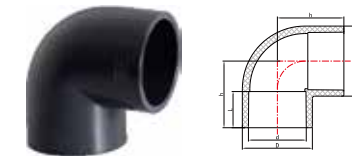
PRESSURE



DIN8063 PVC PRESSURE PIPES & FITTINGS PN16



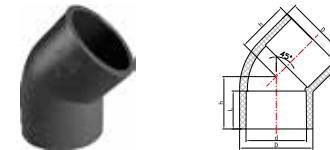
ITEM NO: US6001



ITEM NO: US6E02

● PRESSURE PIPES PN16

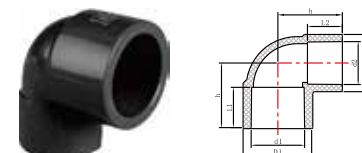
Size	Nom	Outer Dia	Wall Thickness
20		20	2.0
25		25	2.0
32		32	2.4
40		40	3.0
50		50	3.7
63		63	4.7
75		75	5.6
90		90	6.7
110		110	7.2



ITEM NO: US6E01

● 45° ELBOW

Size	Nom	D	d	L	h
20		27	20	16.5	21.5
25		33	25	19.5	25.5
32		41.3	32	22.5	30
40		50.4	40	26.5	36
50		61	50	31.5	43.5
63		75.9	63	38.5	53.5
75		89.8	75	44.5	62
90		107.8	90	51.5	72.5
110		131	110	61.5	87.5
125		148.1	125.6	69	98
140		165.3	140.7	76.5	108.5
160		188	160	86.5	123



ITEM NO: US6E07

● REDUCING ELBOW

Size Nom	D1	d1	L1	D2	d2	L2	h
25x20	33	25	19.5	27	20	16.5	30.5

● 90° ELBOW

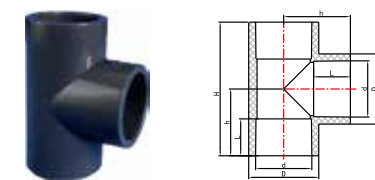
Nom Size	D	d	L	h
20	27	20	16.5	28
25	33	25	19.5	33.5
32	41.3	32	22.5	40
40	50.4	40	26.5	48
50	61	50	31.5	58
63	75.9	63	38.5	72
75	89.8	75	44.5	84
90	107.8	90	51.5	99
110	131	110	61.5	119
125	148.1	125.6	69	134.5
140	140.7	165.3	76.5	149.5
160	188	160	86.5	169.5



ITEM NO: USF002

● FEMALE ADAPTOR M/F

Size Nom	D1	D2	D	d	L	L1	H	Rc
25X20X1/2"	32	28.5	25	20	17	19.5	46	1/2"

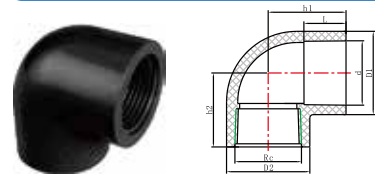


ITEM NO: US6T01

● TEE

Nom Size	D	d	L	H	h
20	27	20	16.5	56	28
25	33	25	19.5	67	33.5
32	41.3	32	22.5	80	40
40	50.4	40	26.5	96	48
50	61	50	31.5	117	58
63	75.9	63	38.5	144	72
75	89.8	75	44.5	168	84
90	107.8	90	51.5	197	98.5
110	131	110	61.5	237	118.5
125	148.1	125.6	69		134.5
140	140.7	165.3	76.5		149.5
160	188	160	86.5	337	168.5

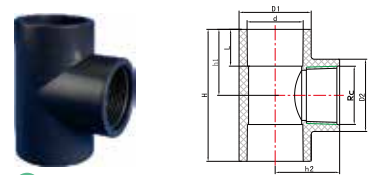
PVC PRESSURE PIPES & FITTINGS PN16 DIN8063



ITEM NO: US6E03

● FEMALE ELBOW

Nom Size	D1	D2	d	L	h1	h2	Rc
20X1/2"	28.6	28.6	20	16.5	28	28.5	1/2"
25X1/2"	33	28.6	25	19.5	31.5	31.5	1/2"
25X3/4"	35.1	35.1	25	19.5	34	33	3/4"
32X1/2"	41.3	29.6	32	22.5	34.5	35	1/2"
32X3/4"	41.3	35	32	22.5	37	36.5	3/4"
32X1"	44.3	44.3	32	22.5	40	40.5	1"
40X1 1/4"	52.4	52.4	40	26.5	49	46.5	1 1/4"
50X1 1/2"	61	61	50	31.5	56.5	52	1 1/2"
63X2"	75.9	75.9	63	38.5	69	63	2"
75X2 1/2"	89.8	89.8	75	44.5	83	74.5	2 1/2"
90X3"	107.8	107.8	90	51.5	96.5	84	3"
110X4"	135.5	135.5	110	61.5	119	105.5	4"



ITEM NO: US6T03

● FEMALE TEE

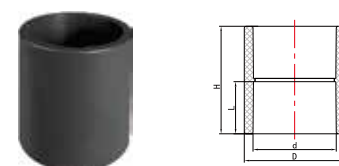
Nom Size	D1	D2	d	L	h1	h2	H	Rc
20X1/2"	28.6	28.6	20	16.5	27.5	29	55	1/2"
25X1/2"	33	28.6	25	19.5	30.5	31.5	61	1/2"
25X3/4"	34.2	34.2	25	19.5	33	33.5	66	3/4"
32X1/2"	41.3	29.6	32	22.5	34	35	68	1/2"
32X3/4"	41.3	35	32	22.5	36.5	36.5	73	3/4"
32X1"	42.3	42.3	32	22.5	40	40	80	1"
40X1 1/4"	52.4	52.4	40	26.5	47.5	46.5	95	1 1/4"
50X1/2"	61	27.7	50.4	31.5	42.5	44.8	85	1/2"
50X1 1/2"	61	61	50	31.5	55.5	51.5	111	1 1/2"
63X1/2"	75.9	27.7	63.4	38.5	49.5	52.3	99	1/2"
63x3/4"	75.9	34.2	63.4	38.5	52.5	53.8	105	3/4"
63X2"	75.9	75.9	63	38.5	68.5	62	137	2"
75X2 1/2"	89.8	89.8	75	44.5	83	73.5	166	2 1/2"
90X3"	107.8	107.8	90	51.5	96.5	84	193	3"
110X4"	135.5	135.5	110	61.5	119	100	238	4"



ITEM NO: US6021

● FEMALE ADAPTOR M/F

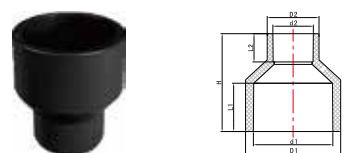
Nom Size	D	D1	d	L	H	Rc
25X20X3/4"	31.8	24.9	20.2	17	43	3/4"
32X25X3/4"	31.8	31.5	25.6	19.5	43	3/4"
40X32X1"	42.3	40	32.3	22.5	53	1"



ITEM NO: US6003

● COUPLING

Nom Size	D	d	L	H
20	27	20	16.5	35
25	33	25	19.5	41
32	41.3	32	22.5	47
40	50.4	40	26.5	55
50	61	50	31.5	65
63	75.9	63	38.5	80
75	89.8	75	44.5	92
90	107.8	90	51.5	107
110	131	110	61.5	128
160	188	160	86.5	180



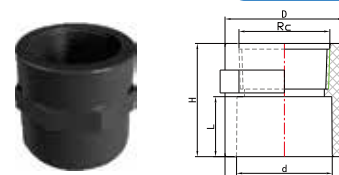
ITEM NO: US6004

● REDUCING COUPLING

Nom Size	D1	d1	L1	D2	d2	L2	H
25x20	33	25	19.5	27	20	16.5	43
32x20	41.3	32	22.5	27	20	16.5	48
32x25	41.3	32	22.5	33	25	19.5	50
40x20	50.4	40	26.5	27	20	16.5	52
40x25	50.4	40	26.5	33	25	19.5	56
40x32	50.4	40	26.5	41.3	32	22.5	59
50x20	61	50	31.5	27	20	16.5	62
50x25	61	50	31.5	33	25	19.5	65
50x32	61	50	31.5	41.3	32	22.5	67
50x40	61	50	31.5	50.4	40	26.5	72
63x25	75.9	63	38.5	33	25	19.5	75
63x32	75.9	63	38.5	41.3	32	22.5	78
63x40	75.9	63	38.5	50.4	40	26.5	82
63x50	75.9	63	38.5	61	50	31.5	87
75x40	89.8	75	44.5	50.4	40	26.5	90
75x50	89.8	75	44.5	61	50	31.5	96
75x63	89.8	75	44.5	75.9	63	38.5	101
90x40	107.8	90	51.5	50.4	40	26.5	105
90x50	107.8	90	51.5	61	50	31.5	108
90x63	107.8	90	51.5	75.9	63	38.5	115
90x75	107.8	90	51.5	89.8	75	44.5	118
110x63	131	110	61.5	75.9	63	38.5	130
110x75	131	110	61.5	89.8	75	44.5	134
110x90	131	110	61.5	107.8	90	51.5	139
160x110	188	160	86.5	131	110	61.5	190



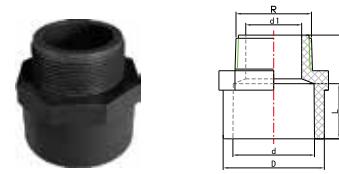
DIN8063 PVC PRESSURE PIPES & FITTINGS PN16



ITEM NO: US6011

● FEMALE ADAPTOR

Nom Size	D	d	L	H	Rc
20X1/2"	28.6	20	16.5	35.5	1/2"
25X3/4"	34	25	19.5	40	3/4"
32X1"	42.3	32	22.5	46.6	1"
40X1 1/4"	51.4	40	26.5	54.5	1 1/4"
50X1 1/2"	62.5	50	31.5	59.5	1 1/2"
63X2"	77.4	63	38.5	71.5	2"
75X2 1/2"	91.3	75	44.5	80.5	2 1/2"
90X3"	109.8	90	51.5	90.5	3"
110X4"	133	110	61.5	107	4"



ITEM NO: US6012

● MALE ADAPTOR

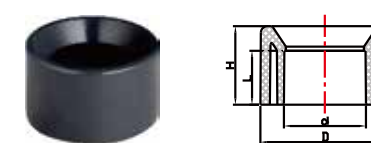
Nom Size	D	d	d1	L	H	R
20X1/2"	28.6	20	12	16.5	38.5	1/2"
20X3/4"	28.5	20.3	17	18	40	3/4"
25X3/4"	34	25	17	19.5	44	3/4"
25X1"	34	25.8	22	21.5	47.5	1"
32X1 1/4"	42.3	32.3	29	25	54.5	1 1/4"
32X1"	42.3	32	22	22.5	52.5	1"
40X1 1/4"	51.4	40	30	26.5	58	1 1/4"
40X1 1/2"	51.4	40.4	34.5	28	58	1 1/2"
50X1 1/2"	62.5	50	34.5	31.5	64	1 1/2"
50X2"	62.5	50.4	44.4	34	68	2"
63X2"	77.4	63	44.4	38.5	74	2"
75X2 1/2"	91.3	75	57.7	44.5	83.5	2 1/2"
90X3"	109.8	90	66.7	51.5	98.5	3"
110X4"	133	110	88.7	61.5	116.5	4"



ITEM NO: US6017

● FEMALE CAP

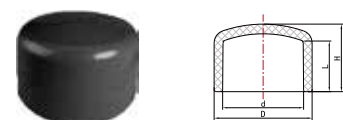
Nom Size	D	H	Rc
20X1/2"	28.6	24	1/2"
25X3/4"	35.2	26	3/4"
32X1"	43.3	32	1"
40X1 1/4"	53	35	1 1/4"
50X1 1/2"	59.4	36.2	1 1/2"
63X2"	73	42.6	2"
75x2 1/2"	89.8	56	2 1/2"
90x3"	107.8	64	3"
110x4"	133.5	73	4"



ITEM NO: US6005

● REDUCING RING

Nom Size	D	d	L	H
25x20	25	20	16.5	19.5
32x20	32	20	16.5	22.5
32x25	32	25	19.5	22.5
40x20	40	20	16.5	26.5
40x25	40	25	19.5	26.5
40x32	40	32	22.5	26.5
50x20	50	20	16.5	31.5
50x25	50	25	19.5	31.5
50x32	50	32	22.5	31.5
50x40	50	40	26.5	31.5
63x25	63	25	19.5	38.5
63x32	63	32	22.5	38.5
63x40	63	40	26.5	38.5
63x50	63	50	31.5	38.5
75x50	75	50	31.5	44.5
75x63	75	63	38.5	44.5
90x50	90	50	31.5	51.5
90x63	90	63	38.5	51.5
90x75	90	75	44.5	51.5
110x63	110	63	38.5	61.5
110x75	110	75	44.5	61.5
110x90	110	90	51.5	61.5
160x90	160	90	51.5	86.5
160x110	160	110	61.5	86.5

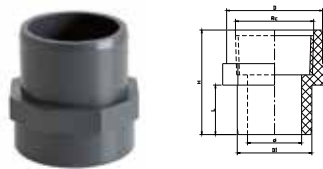


ITEM NO: US6016

● END CAP

Nom Size	D	d	L	H
20	27	20	16.5	21.5
25	33	25	19.5	26
32	41.3	32	22.5	31
40	50.4	40	26.5	36
50	61	50	31.5	42
63	75.9	63	38.5	51
75	89.8	75	44.5	59
90	107.8	90	51.5	68
110	131	110	61.5	81.5

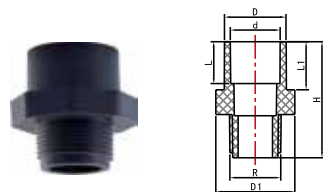
PVC PRESSURE PIPES & FITTINGS PN16 DIN8063



ITEM NO:US6018

● FEMALE ADAPTOR SPIGOT X FIPT

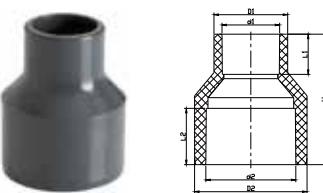
Nom Size	D	D1	d	L	H	Rc
20X1/2"	28.5	20	11.8	16.5	37.6	1/2"
20X3/4"	34	20	11.8	16.5	39.4	3/4"
25X1/2"	28.5	25	16.3	19.5	40.6	1/2"
25X3/4"	34	25	16.3	19.5	42.4	3/4"
25X1"	42.3	25	16.3	19.5	46.5	1"
32X3/4"	34	32	22	22.5	42	3/4"
32X1"	42.3	32	22	22.5	49.5	1"
40X1"	42.3	40	29	26.5	52	1"
40X1 1/4"	51.4	40	29	26.5	56	1 1/4"
40X1 1/2"	62.5	40	29	26.5	56	1 1/2"
50X1 1/4"	51.4	50	37.9	31.5	57.5	1 1/4"
50X1 1/2"	62.5	50	37.9	31.5	61	1 1/2"
50X2"	77.4	50	37.9	31.5	66	2"
63X1 1/2"	62.5	63	49	38.5	68	1 1/2"
63X2"	77.4	63	49	38.5	73	2"



ITEM NO:US6019

● MALE ADAPTOR M/F

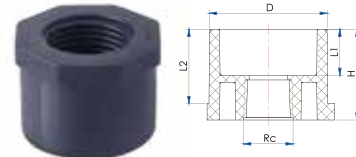
Size Nom	D	d	L	L1	H	Rc
25X20X1/2"	25	20	17	19.5	46	1/2"
20X25X3/4"	25	20.3	17	16.5	43.5	3/4"
25X32X1/2"	25.3	22	27	14	48	1/2"
25X32X3/4"	25.3	22	27	18.5	50	3/4"
25X32X1"	32	25.3	19.5	18	50	1"
32X40X1 1/4"	40	32.3	22.5	20.5	56.5	1 1/4"
40X32X1"	40	32	32.50	26.50	57	1"
50X40X1"	50	40	26.5	22	65.5	1"
40X50X1 1/2"	50	40.4	26.5	22	65.5	1 1/2"
50X40X1 1/4"	40.4	30	31.5	26.5	65.5	1 1/4"
63X50X1 1/2"	63	50	45	38	72	1 1/2"
63X50X2"	63	50	45	38	78	2"
75X63X2"	75	63	51.50	44	85	2"
75X63X2 1/2"	75	63.4	57.7	38.5	85	2 1/2"
75X90X3"	90	75.5	54	33	100	3"
90X75X2"	90	75	57	51.50	93.50	2"
110X90X3"	110	90	69.50	61.50	112.50	3"
110X125X3"	125	110.6	61.5	33	118	3"
125X110X4"	125	110.6	88.69	61.5	125	1"



ITEM NO:US6020

● REDUCING COUPLING M/F

Nom Size	D1	d1	L1	D2	d2	L2	H
63x50x32	41.3	32.3	22.5	62	50.4	31.5	73



ITEM NO:US6022

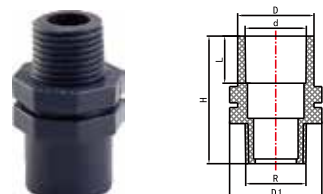
● FEMALE REDUCING RING

Nom Size	Rc	D	H	L1	L2
25X1/2"	1/2"	24.9	23.5	4.5	19.5
32X1/2"	1/2"	31.9	27.5	8.5	22.5
32X3/4"	3/4"	31.9	27.5	6.5	22.5
40X1"	1"	39.9	32.5	7.7	26.5
50X1/2"	1/2"	49.9	38.5	19.5	31.5
50X1 1/4"	1 1/2"	49.9	38.5	11.15	31.5
63X1 1/2"	1 1/2"	62.9	45.5	26.5	38.5

ITEM NO: US6023

● REDUCING RING MF

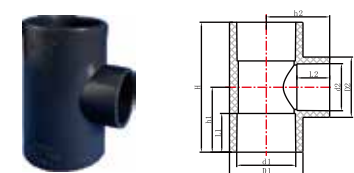
Size Nom	D	D1	D2	D3	H	L	L1	L2
3/4" X 1/4"	30	1/4"	18.4	1/4"	16	12	26	30
1/2" X 1/4"	24	1/4"	13.4	1/4"	14	12	24	24



ITEM NO:USM002

● MALE ADAPTOR III

Size Nom	D	D1	d	L	H	Rc
20X1/2"	25	29.5	20	16	49	1/2"
25X3/4"	31.8	38.3	25	19.5	53	3/4"



ITEM NO:US6T02

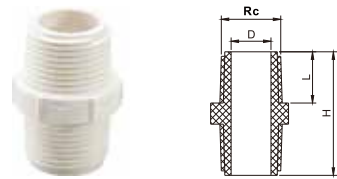
● REDUCING TEE

Nom Size	D1	d1	L1	h1	D2	d2	L2	h2	H
25x20	33	25	19.5	31	27	20	16.5	30.5	62
32x20	41.3	32	22.5	34	27	20	16.5	34	68
32x25	41.3	32	22.5	36.5	33	25	19.5	37	73
40x20	50.4	40	26.5	38	27	20	16.5	38	76
40x25	50.4	40	26.5	40.5	33	25	19.5	40.5	81
40x32	50.4	40	26.5	44.5	41.3	32	22.5	43.5	89
50x20	61	50	31.5	43.5	27	20	16.5	42.5	87
50x25	61	50	31.5	46	33	25	19.5	45.5	92
50x32	61	50	31.5	49.5	41.3	32	22.5	48.5	99
50x40	61	50	31.5	53.5	50.4	40	26.5	52.5	107
63x25	75.9	63	38.5	53.5	33	25	19.5	52	107
63x32	75.9	63	38.5	57	41.3	32	22.5	55	114
63x40	75.9	63	38.5	61	50.4	40	26.5	59	122
63x50	75.9	63	38.5	66	61	50	31.5	64	132
75x40	89.8	75	44.5	67	50.4	40	26.5	65	134
75x50	89.8	75	44.5	72	61	50	31.5	70	144
75x63	89.8	75	44.5	78.5	75.9	63	38.5	77	157
90x40	107.8	90	51.5	74	50.4	40	26.5	72.5	148
90x63	107.8	90	51.5	85.5	75.9	63	38.5	84.5	171
90x75	107.8	90	51.5	91.5	89.8	75	44.5	90.5	183
110x63	131	110	61.5	95.5	75.9	63	38.5	95	191
110x75	131	110	61.5	101.5	89.8	75	44.5	101	203
110x90	131	110	61.5	109	107.8	90	51.5	108	218
160x110	188	160	86.5	144	131	110	61.5	143	288

PVC THREAD
FITTINGS
(BS STANDARD)

PRESSURE

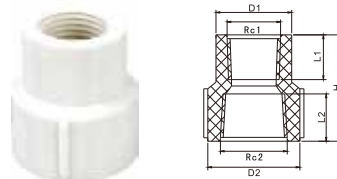
PVC THREAD FITTINGS (BS STANDARD)



ITEM NO:TPF001

● NIPPLE M/M

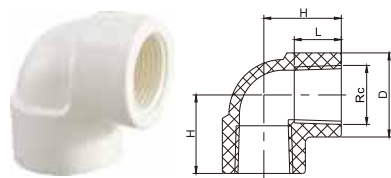
Nom Size	Rc	L	H	D
1/2"	1/2"	17	41	13.4
3/4"	3/4"	18.5	45	18.4
1"	1"	22.6	54.2	25.2
1 1/4"	1 1/4"	23	54	31.5
1 1/2"	1 1/2"	24	56	36.5
2"	2"	26	60.5	47.5
2 1/2"	2 1/2"	30	69	64
3"	3"	32	73.5	74.6
4"	4"	37.5	85	98.8



ITEM NO:TPF002

● FEMALE REDUCING COUPLING F/F

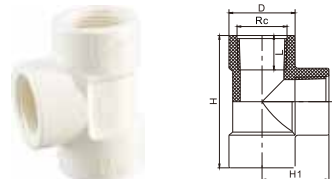
Nom Size	Rc1	Rc2	D1	D2	L1	L2	H
3/4"X1/2"	1/2"	3/4"	30	36.5	17.5	18.5	41.6
1"X1/2"	1/2"	1"	51	91.8	58	74.6	120
1"X3/4"	3/4"	1"	36.5	44	18.5	22	45.5
1 1/2"X3/4"	3/4"	1 1/2"	36.5	60.8	18.5	25	52.5
1 1/2"X1"	1"	1 1/2"	44	60.8	22	25	56



ITEM NO:TPF003

● FEMALE ELBOW F/F

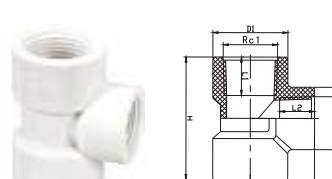
Nom Size	Rc	L	H	D
1/2"	1/2"	17	28	30
3/4"	3/4"	18.5	32.75	36.5
1"	1"	22	39.5	44
1 1/4"	1 1/4"	24	47	54.6
1 1/2"	1 1/2"	25	49	60.4
2"	2"	29	61.2	74
2 1/2"	2 1/2"	31.5	72	93.3
3"	3"	33	79.15	104.6
4"	4"	36.5	96.2	132.5



ITEM NO:TPF004

● FEMALE TEE F/F/F

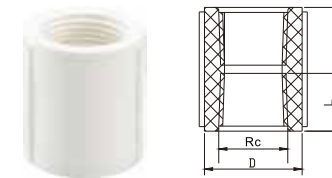
Nom Size	L	D	Rc	H	H1
1/2"	17	30	1/2"	56.6	28.4
3/4"	18.5	36.5	3/4"	65.5	32.8
1"	22.6	44	1"	87	44.5
1 1/4"	23.5	53.4	1 1/4"	94	47
1 1/2"	25	60.2	1 1/2"	99	49.5
2"	28	74	2"	120.4	60.2
2 1/2"	31.5	93.3	2 1/2"	144	72
3"	33	105.6	3"	158.3	79.15
4"	37.5	132.8	4"	194.4	97.2



ITEM NO:TPF005

● FEMALE REDUCING TEE F/F/F

Nom Size	L1	L2	D1	D2	Rc1	Rc2	H	H1
3/4"X1/2"	18.5	17.1	36.5	30	3/4"	1/2"	59	109.8
1"X1/2"	51	91.8	58	74.6	43.5	92.5	120	152.4
1"X3/4"	22.6	18.5	44	36.5	1"	3/4"	72.3	37.2
2"X1 1/2"	28	25	74	60.8	2"	1 1/2"	103.8	58.1



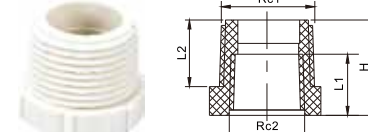
ITEM NO:TPF006

● FEMALE COUPLING F/F

Nom Size	Rc	L	H	D
1/2"	1/2"	17.5	37.5	30
3/4"	3/4"	18.5	40.3	36.5
1"	1"	22	48.3	44
1 1/4"	1 1/4"	54.3	40.3	51.5
1 1/2"	1 1/2"	26.5	56	60.8
2"	2"	28	59	74.2
2 1/2"	2 1/2"	30	63	95.7
3"	3"	32	66	109.4
4"	4"	37.5	78	135.6



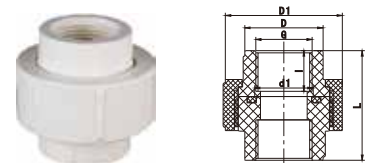
PVC THREAD FITTINGS (BS STANDARD)



ITEM NO:TPF007

● REDUCER M/F

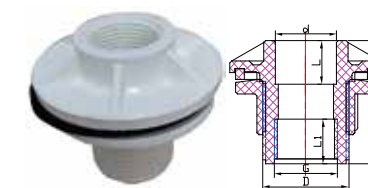
Nom Size	Rc1	Rc2	L1	L2	H
3/4"X1/2"	1/2"	3/4"	17	18.5	26.5
1"X1/2"	1/2"	1"	17	22.6	31
1"X3/4"	3/4"	1"	18.5	22.6	31.6
1 1/4"X3/4"	1 1/4"	3/4"	18.5	22.5	31.5
1 1/4"X1"	1 1/4"	1"	22	22.5	31.5
1 1/2"X3/4"	1 1/2"	3/4"	18.5	23	33
1 1/2"X1"	1 1/2"	1"	22	23	33
1 1/2"X1 1/4"	1 1/2"	1 1/4"	24.5	23	33
2"X1"	2"	1"	22	26	37
2"X1 1/4"	2"	1 1/4"	24.5	26	37
2"X1 1/2"	2"	1 1/2"	25	26	37
3"X2 1/2"	3"	2 1/2"	28	32	43
3"X2"	3"	2"	31	32	43
4"X2"	4"	2"	28	38	50
4"X3"	4"	3"	34	38	50



ITEM NO:TPF015

● FEMALE UNION

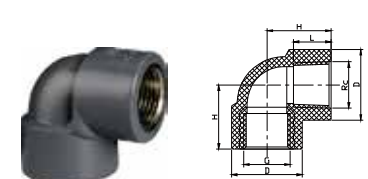
Nom Size	D1	D	G	d1	I	L
1/2"	48	30.2	1/2"	15	17	45.5
3/4"	55	36.8	3/4"	22	19	51.5
1"	64	44	1"	26	21	54.2
1 1/4"	77.5	52	1 1/4"	32.8	25.9	68.2
1 1/2"	86.5	59	1 1/2"	40	31.3	74.3
2"	101	72.8	2"	53.5	37.5	85.2



ITEM NO:TPF022

● FLANGE ADAPTER FF

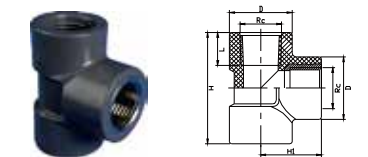
Nom Size	D	G	d	L	L1	H
1/2"	30	1/2"	20.2	16.5	16.5	60
3/4"	38	3/4"	25.2	18.5	17.5	62.2
1"	45	1"	32.3	22.5	23	64
1 1/4"	53	1 1/4"	40.3	21.6	26.5	64.2
1 1/2"	57.8	1 1/2"	50.4	31.5	24.5	67.2
2"	73	2"	63.4	37.5	28.5	67.5



ITEM NO:TPF009

● FEMALE ELBOW W/BRASS

Nom Size	D	Rc	L	H
1/2"	32	1/2"	17	29



ITEM NO:TPF011

● FEMALE TEE W/BRASS

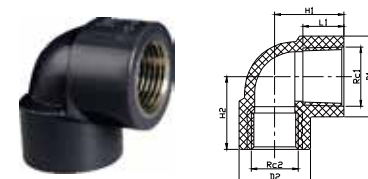
Nom Size	D	Rc	L	H	H1
1/2"	32	1/2"	17	57	31



ITEM NO: TPF021

● BRASS FEMALE THREAD REDUCING TEE F/F/F

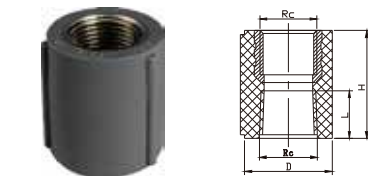
Nom Size	D1	D2	d	L	H	h	Rc
3/4"X1/2"	36	32	26.44	18.5	67	32.5	1/2"



ITEM NO:TPF010

● REDUCING ELBOW W/BRASS

Nom Size	D1	Rc1	D2	Rc2	L1	H1	H2
3/4"X1/2"	36	3/4"	32	1/2"	18.5	31	32.5

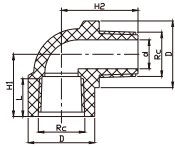


ITEM NO:TPF013

● FEMALE ADAPTOR W/BRASS

Nom Size	D	Rc	L	H
1/2"	32	1/2"	17	39.5
3/4"X1/2"	36	1/2" 3/4"	18	42.5

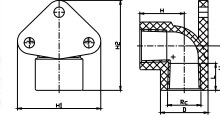
PVC THREAD FITTINGS (BS STANDARD)



ITEM NO:TPF012

90° ELBOW M/F

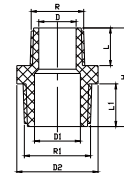
Nom Size	D	R(Rc)	d	L	H1	H2
1/2"X1/2"	30	1/2"	13	17	28	34.5
3/4"	36.5	3/4"	18.4	18.5	32.75	39.55
1"	44	1"	22.6	22	39.5	46.8
1 1/4"	1 1/4"					
1 1/2"	60.8	1 1/2"	36.6	25	51.5	59.4
2"	74	2"	47	28.61		69.5
2 1/2"	93.2	2 1/2"	58	31	72.5	82.5



ITEM NO:TPF018

FEMALE THREAD ELBOW WITH EAR

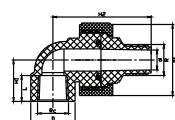
Nom Size	D	L	H	H1	H2	Rc
1/2"	30	17	28	52.5	56.6	1/2"



ITEM NO:TPF019

REDUCING NIPPLE

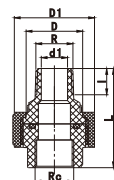
Nom Size	D	D1	D2	L	L1	H	R	R1
1/2"X3/4"	13.4	18.4	32.2	17	18.5	43.5	1/2"	3/4"
1X1/2"	13.4	22.3	40	17	21	47	1/2"	1"
1"X3/4"	18.4	22.6	40	18.5	21	48.5	3/4"	1"
1 1/4"X1"	22.6	31.4	47	21	22.5	52.5	1"	1 1/4"
1 1/2"X1 1/4"	31.4	36.6	53.5	22.5	23	55.5	1 1/4"	1 1/2"



ITEM NO:TPF014

MALE ELBOW W/UNION

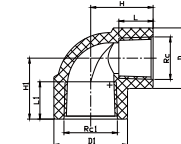
Nom Size	D	R(Rc)	d	L	H1	H2	D1
1/2"	30	1/2"	13.5	17	28	66.5	48
3/4"	25	36.8	55	36	3/4"	76.5	63



ITEM NO:TPF016

MF THREAD UNION

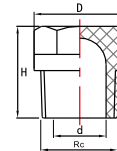
Nom Size	D1	D	R	d1	I	L
1/2"	48	30.2	1/2"	13.5	15	61
3/4"	55	36.8	3/4"	18	18	68
1"	55	45.5	1"	23	22	77



ITEM NO:TPF020

REDUCING FEMALE ELBOW

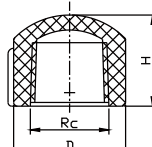
Nom Size	D	D1	L	L1	H	H1	R	R1
1/2"X3/4"	30	36.5	17	18.5	30.95	30.2	1/2"	3/4"
1"X3/4"	36.5	44	18.5	22	34.5	36.5	3/4"	1"



ITEM NO:TPF008

THREAD PLUG

Nom Size	D	d	Rc	H
1/2"	24	13	1/2"	26.5
3/4"	31	17.8	3/4"	31
1"	39.2	23	1"	37.5
1 1/4"	43.3	31.5	1 1/4"	36
1 1/2"	50	36.5	1 1/2"	38.5
2"	57	47.5	2"	43



ITEM NO:TPF017

FEMALE THREAD CAP

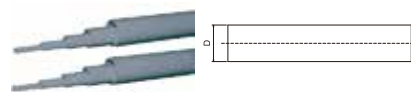
Nom Size	D	H	Rc
1/2"	30	24.4	1/2"



PVC-U PRESSURE
PIPES & FITTINGS
(SCH40)

PRESSURE

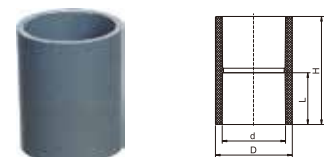
PVC PRESSURE PIPES & FITTINGS (SCH40) ASTM D2466



ITEM NO: US4001

● PRESSURE PIPES

Nom Size	Outer Dia	Wall Thickness
1/2"	21.34	2.77
3/4"	26.67	2.87
1"	33.4	3.38
1 1/4"	42.16	3.56
1 1/2"	48.26	3.68
2"	60.33	3.91
2 1/2"	73.03	5.16
3"	88.9	5.49
4"	114.3	6.02
6"	168.3	7.11

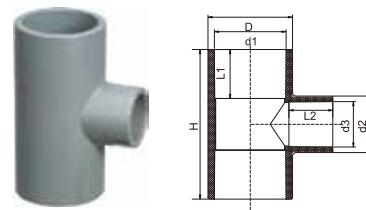


NSF

ITEM NO: US4003

● COUPLING

Nom Size	D	d	H	L
1/2"	27.5	21.34	40.7	19
3/4"	33.5	26.67	55.1	26
1"	40.9	33.4	57.4	27.5
1 1/4"	50.1	42.16	60.4	29
1 1/2"	56.6	48.26	70.4	34
2"	69	60.33	82.4	40
2 1/2"	84.4	73.03	94.8	45
3"	100.9	88.9	100.8	48
4"	127.3	114.3	112.8	54
6"	183.6	168.3	159.8	76.7

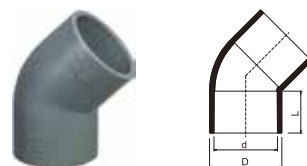


NSF

ITEM NO: US4T02

● REDUCING TEE

Nom Size	D	d1	d2	d3	L1	L2	H
3/4"X1/2"	33.8	26.67	28.0	21.34	26	19	77.8
1"X1/2"	40.9	33.4	27.5	21.34	27.5	19	80.3
1"X3/4"	40.9	33.4	33.5	26.67	27.5	26	86.0
1 1/4"X1/2"	50.1	42.16	27.5	21.34	29	19	83.3
1 1/4"X3/4"	50.1	42.16	33.7	26.67	29	26	88.6
1 1/4"X1"	50.1	42.16	40.9	33.4	29	27.5	95.6
1 1/2"X1/2"	56.6	48.26	27.5	21.34	34	19	93.3
1 1/2"X3/4"	56.6	48.26	33.5	26.67	34	26	99
1 1/2"X1"	56.6	48.26	40.9	33.4	34	27.5	105.1
1 1/2"X1 1/4"	56.6	48.26	50.1	42.16	34	29	114
2"X1/2"	69	60.33	27.5	21.34	40	19	105.3
2"X3/4"	69	60.33	33.5	26.67	40	26	110.6
2"X1"	69	60.33	40.9	33.4	40	27.5	117.5
2"X1 1/4"	69	60.33	50.1	42.16	40	29	125.8
2"X1 1/2"	69	60.33	56.6	48.26	40	34	131.9

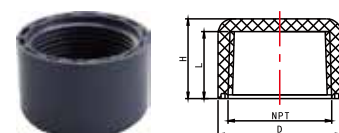


NSF

ITEM NO: US4E01

● 45° ELBOW

Nom Size	D	d	L
1/2"	27.5	21.34	19
3/4"	33.5	26.67	24.1
1"	40.8	33.4	27.5
1 1/4"	50.1	42.16	29
1 1/2"	56.6	48.26	34
2"	69	60.33	40
2 1/2"	84.4	73.03	45
3"	100.9	88.9	48
4"	127.3	114.3	54
6"	183.6	168.3	76.7

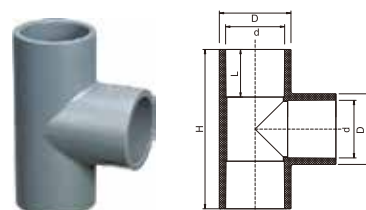


NSF

ITEM NO: US4F01

● FEMALE PLUG

Nom Size	D	NPT	L	H
1/2"	27.5	1/2"	19	23
3/4"	33.5	3/4"	21.5	25.8
1"	40.9	1"	26.5	31.7
1 1/4"	50.1	1 1/4"	27.1	32.3
1 1/2"	56.6	1 1/2"	27.6	33.1
2"	69	2"	27.6	33.1



NSF

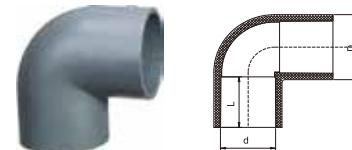
ITEM NO: US4T01

● STRAIGHT TEE

Nom Size	D	d	L	H
1/2"	27.9	21.34	19	63.7
3/4"	33.5	26.67	26	83.1
1"	40.8	33.4	27.5	92.1
1 1/4"	50.1	42.16	29	104
1 1/2"	56.6	48.26	34	120
2"	69	60.33	40	143.5
2 1/2"	84.4	73.03	45	168.2
3"	100.9	88.9	48	190
4"	127.3	114.3	54	230.5
6"	183.6	168.3	76.7	332



ASTM D2466 PVC PRESSURE PIPES & FITTINGS (SCH40)

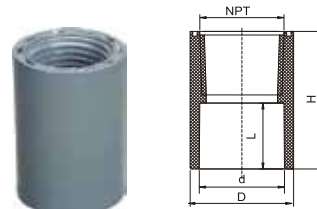


NSF

ITEM NO: US4E02

● 90° ELBOW

Nom Size	D	d	L
1/2"	27.5	21.34	19
3/4"	33.5	26.67	25.6
1"	40.5	33.4	27.5
1 1/4"	50.1	42.16	29
1 1/2"	56.6	48.26	34
2"	69	60.33	40
2 1/2"	84.4	73.03	45
3"	100.9	88.9	48
4"	127.3	114.3	57.5
6"	183.6	168.3	76.7

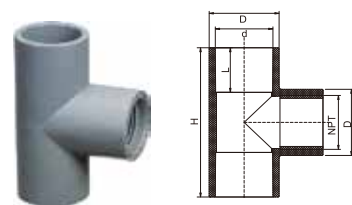


NSF

ITEM NO: US4011

● FEMALE ADAPTOR

Nom Size	D	d	H	L	NPT
1/2"	27.5	21.34	40.4	19	1/2"
3/4"	33.5	26.67	49.9	26	3/4"
1"	40.9	33.4	57.4	27.5	1"
1 1/4"	50.1	42.16	60.4	29	1 1/4"
1 1/2"	56.6	48.26	64.4	34	1 1/2"
2"	69	60.33	71.1	40	2"
2 1/2"	84.4	73.03	82.8	45	2 1/2"
3"	100.9	88.9	95.4	48	3"
4"	127.3	114.3	103.3	54	4"
6"	183.6	168.3	131.1	76.7	6"

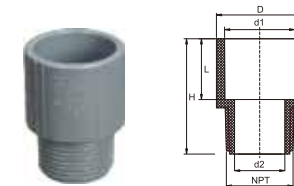


NSF

ITEM NO: US4T04

● FEMALE TEE

Nom Size	D	d	L	H	NPT
1/2"	27.5	21.34	19	63.3	1/2"
3/4"	33.5	26.67	26	83	3/4"
1"	40.9	33.4	27.5	92.1	1"
1 1/4"	50.1	42.16	29	101.4	1 1/4"
1 1/2"	56.6	48.26	34	117.5	1 1/2"
2"	69	60.33	40	142	2"

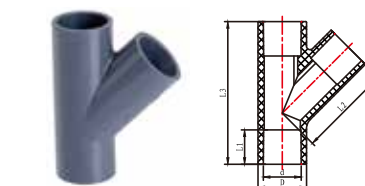


NSF

ITEM NO: US4012

● MALE ADAPTOR

Nom Size	D	d1	d2	NPT	H	L
1/2"	27.5	21.34	13	1/2"	40.8	19.7
3/4"	33.4	26.67	18.5	3/4"	43.3	20
1"	41.3	33.4	24	1"	55	29
1 1/4"	50.7	42.16	30.2	1 1/4"	59.9	29.5
1 1/2"	57.2	48.26	35.9	1 1/2"	65.6	34
2"	69.6	60.33	48.6	2"	72.6	40.9
2 1/2"	84.4	73.03	55.5	2 1/2"	82.5	45
3"	100.9	88.9	70.7	3"	94.8	48
4"	127.3	114.3	94.9	4"	103.8	54
6"	183.6	168.3	146.4	6"	131.1	76.7

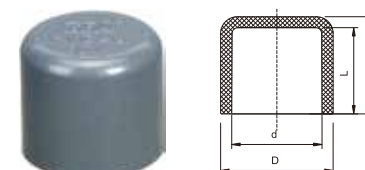


NSF

ITEM NO: US4T03

● SKEW TEE

Nom Size	D	d	L1	L2	L3
1/2"	27.54	21.54	19.5	52.99	81
3/4"	33.47	26.87	26	62.05	94
1"	40.8	133.65	27.5	72.4	114

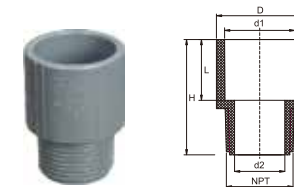


NSF

ITEM NO: US4016

● END PLUG

Nom Size	D	d	L	H
1/2"	27.5	21.34	19	22
3/4"	34	26.67	26	30
1"	40.9	33.4	27.5	30.9
1 1/4"	50.1	42.16	29.6	33.4
1 1/2"	56.6	48.26	34	38.6
2"	69	60.33	40.5	44.5
2 1/2"	84.4	73.4	45	51.8
3"	101.3	88.9	49.5	57.2
4"	128	114.3	54	61.6
6"	184.4	168.3	80	89



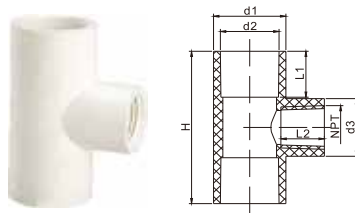
NSF

ITEM NO: US4017

● REDUCING MALE ADAPTOR

Nom Size	D	d	d1	NPT	L	H
3/4"X1/2"	33.4	26.85	13	1/2"	20	42.3

PVC PRESSURE PIPES & FITTINGS (SCH40) ASTM D2466

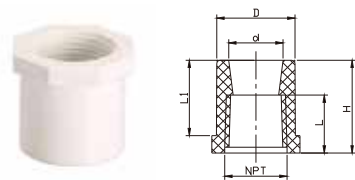


NSF

ITEM NO:US4T06

REDUCING FEMALE TEE

Nom Size	H	L1	L2	NPT	d1	d2	d3
3/4"X1/2"	74	22.3	20	1/2"	33.3	27	28

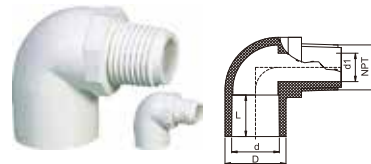


NSF

ITEM NO: US4015

MALE REDUCING RING

Nom Size	D	d	NPT	H	L	L1
3/4"X1/2"	26.6	18.5	1/2"	32	20	26
1"X1/2"	33.27	26.8	1/2"	34.1	20	27.5
1"X3/4"	33.27	26.8	3/4"	34.1	20	27.5
1 1/2"X1/2"	48	40.1	1/2"	41	20	34
2"X1/2"	60.17	51.77	1/2"	47.5	20	40
2"X3/4"	60.17	51.77	3/4"	47.5	21.5	40
2"X1"	60.17	51.77	1"	47.5	23	40

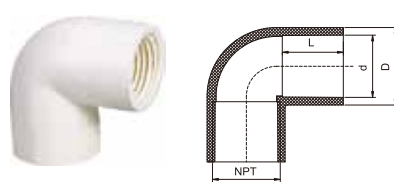


NSF

ITEM NO:US4E05

MALE THREAD ELBOW

Nom Size	D	d	d1	L	NPT
1/2"	27.5	21.34	13	19	1/2"

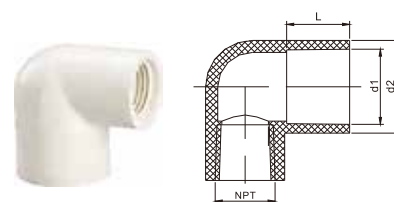


NSF

ITEM NO:US4E04

FEMALE ELBOW

Nom Size	D	d	L	NPT
1/2"	27.8	21.34	19	1/2"
3/4"	33.8	26.67	26	3/4"
1"	40.9	33.4	27.5	1"
1 1/4"	50.1	42.16	29	1 1/4"
1 1/2"	56.6	48.26	34	1 1/2"
2"	69	60.33	40	2"

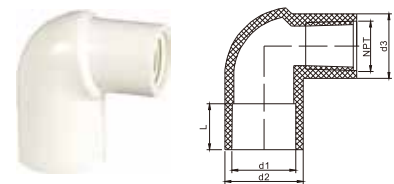


NSF

ITEM NO: US4E07

FEMALE ELBOW SHORT

Nom Size	d1	d2	L	NPT
1/2"	27	33.3	22.3	1/2"



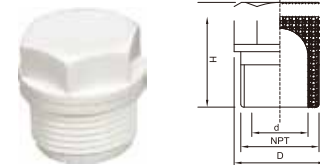
NSF

ITEM NO:US4E06

FEMALE ELBOW LONG

Nom Size	NPT	d1	d2	d3	L
1/2"	1/2"	27.5	33	19.6	27

ASTM D2466 PVC PRESSURE PIPES & FITTINGS (SCH40)

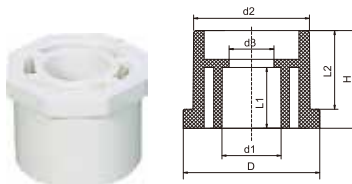


NSF

ITEM NO: US4010

THREAD PLUG

Nom Size	D	d	NPT	H
1/2"	24	13	1/2"	28
3/4"	31	17.8	3/4"	31
1"	39.2	23	1"	37.5

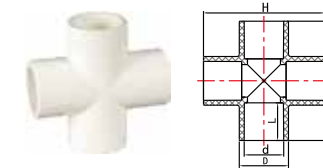


NSF

ITEM NO:US4005

REDUCING RING

Nom Size	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	31.9	21.34	26.67	18.5	32.6	22.4	26
1"X1/2"	40.3	21.34	33.4	16.3	34.1	22.4	27.2
1"X3/4"	40.8	26.67	33.4	20.6	34.1	25.8	27.5
1 1/4"X1/2"	48.8	21.34	42.16	16.3	36	22.4	28.7
1 1/4"X3/4"	48.9	26.67	42.16	20.6	36	25.8	28.7
1 1/4"X1"	48.9	33.4	42.16	26.9	36	27.5	28.7
1 1/2"X1/2"	55.5	21.34	48.26	16.3	40.8	22.4	33.5
1 1/2"X3/4"	55.5	26.67	48.26	20.6	40.8	25.8	33.5
1 1/2"X1"	55.5	33.4	48.26	26.9	40.8	27	33.4
1 1/2"X1 1/4"	56.6	42.16	48.26	41.0	41	29	34
2"X1/2"	68.4	21.34	60.33	16.3	47.4	22	39.6
2"X3/4"	68.4	26.67	60.33	20.6	47.4	25.8	39.6
2"X1"	68.4	33.4	60.33	27.3	47.4	27	39.6
2"X1 1/4"	68.4	42.16	60.33	35.1	47.4	29	39.6
2"X1 1/2"	68.4	48.26	60.33	47	47.5	34	39.6
3"X1 1/2"	108.6	48.26	88.9	43	58	34	50
3"X2"	104	60.33	88.9	55	58	40	50
4"X2"	138	60.33	114.3	55	54	40	45
6"X4"	199	114.3	168.3	108	80	54	69

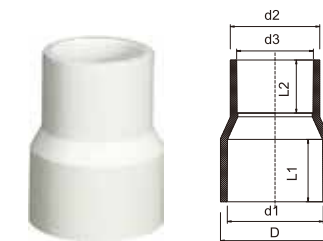


NSF

ITEM NO:US4C01

CROSS

Nom Size	D	d	L	H
1/2"	27.5	21.34	18.6	62
3/4"	33.5	26.67	26	82.2
1"	40.9	33.4	27.5	93.5
1 1/4"	50.1	42.16	29	104.8
1 1/2"	56.6	48.26	34	120.9
2"	69	60.33	40	146.92



NSF

ITEM NO: US4004

REDUCING COUPLING

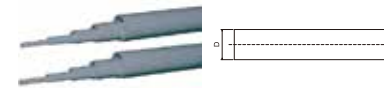
Nom Size	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	33.5	26.67	27.5	21.34	53.9	26	18.5
1"X1/2"	40.9	33.4	27.5	21.34	53.7	27.5	19
1"X3/4"	40.9	33.4	33.5	26.67	63.9	27.5	25.3
1 1/4"X3/4"	50.1	42.16	33.5	26.67	64.4	29	26
1 1/4"X1"	50.1	42.16	40.9	33.4	67.4	29	27.5
1 1/2"X1/2"	56.6	48.26	27.5	21.34	65.4	34	19
1 1/2"X3/4"	56.6	48.26	33.5	26.67	72.4	34	26
1 1/2"X1"	56.6	48.26	40.9	33.4	73.9	34	27.5
1 1/2"X1 1/4"	56.6	48.26	50.1	42.16	74.4	34	29
2"X3/4"	69	60.33	33.5	26.67	82.9	40	26
2"X1"	69	60.33	40.9	33.4	84.4	40	27.5
2"X1 1/4"	69	60.33	50.1	42.16	85.9	40	29
2"X1 1/2"	69	60.33	56.6	48.26	90.9	40	34

PVC PRESSURE PIPES AND FITTINGS (SCH80)

PRESSURE



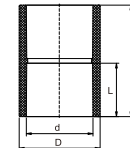
ASTM D2467 PVC PRESSURE PIPES & FITTINGS (SCH80)



ITEM NO: US8001

● PRESSURE PIPES

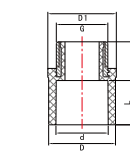
Size Nom	Outer Dia	Wall Thickness
1/2"	21.34	3.73
3/4"	26.67	3.91
1"	33.4	4.55
1 1/4"	42.16	4.85
1 1/2"	48.26	5.08
2"	60.33	5.54
2 1/2"	73.03	7.01
3"	88.9	7.62
4"	114.3	8.56
6"	168.3	10.97



ITEM NO:US8003

● COUPLING

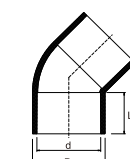
Size Nom	D	d	H	L
1/2"	29.3	21.34	48.8	22.7
3/4"	35.1	26.67	55.2	26.0
1"	43.1	33.4	61.6	29.1
1 1/4"	52.4	42.16	67.4	32.3
1 1/2"	59	48.26	74.3	35.4
2"	72	60.33	80.1	38.6
2 1/2"	87.8	73.03	95.3	45
3"	104.9	88.9	101	48.1
4"	132.4	114.3	120.5	57.4
6"	191.2	168.3	160.3	76.7
8"	247.2	219.08	212	102.6
10"	305.9	273.05	263	128
12"	361.5	323.85	317	153.5



ITEM NO:US8C01

● MALE ADAPTOR WITH BRASS

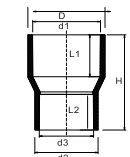
Size Nom	D1	D	d	H	L	G
1/2"	30.4	29.4	21.34	44.2	22.7	1/2"
3/4"	36.1	35.1	26.67	48.9	25.9	3/4"
1"	44.1	43.1	33.4	54.5	29.1	1"
1 1/4"	53.4	52.4	42.16	63.1	32.3	1 1/4"
1 1/2"	60	59	48.26	69.7	35.4	1 1/2"
2"	73	72	60.33	76.1	38.6	2"



ITEM NO:US8E01

● 45° ELBOW

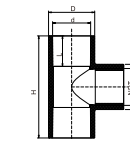
Size Nom	D	d	L
1/2"	29.3	21.34	22.7
3/4"	35.1	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72.5	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	57.6
6"	191.2	168.3	76.7
8"	247.2	219.08	102.6
10"	305.9	273.05	128
12"	361.5	323.85	153.5



ITEM NO:US8004

● REDUCING COUPLING

Size Nom	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	35.1	26.67	29.3	21.34	57.5	25.9	22.7
1"X1/2"	43.4	33.4	29.8	21.34	63.1	29.1	22.7
1"X3/4"	43.1	33.4	35.5	26.67	65.4	29.1	25.9
1 1/4"X1/2"	52.4	42.16	29.3	21.34	66.4	32.3	22.7
1 1/4"X3/4"	52.4	42.16	35.1	26.67	67.6	32.3	25.9
1 1/4"X1"	52.4	42.16	43.4	33.4	72.2	33	28.2
1 1/2"X1/2"	59	48.26	29.3	21.34	70.5	35.4	22.7
1 1/2"X3/4"	59	48.26	35.5	26.67	73.7	35.4	25.9
1 1/2"X1"	59	48.26	43.5	33.4	76.9	35.4	28.8
1 1/2"X1 1/4"	59	48.26	52.4	42.16	80.1	35.4	32.3
2"X1/2"	72	60.33	29.3	21.34	79.7	38.6	22.7
2"X3/4"	72	60.33	35.1	26.67	81.4	38.6	25.9
2"X1"	72	60.33	43.1	33.4	84.6	38.6	29.1
2"X1 1/4"	72	60.33	52.4	42.16	87.8	38.6	32.3
2"X1 1/2"	72	60.33	59	48.26	90.9	38.6	35.4



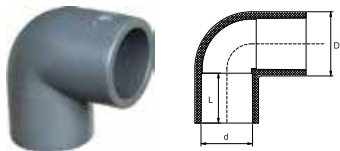
ITEM NO:US8T04

● FEMALE TEE

Size Nom	D	d	L	H	NPT
1/2"	32.5	21.34	22.7	70.8	1/2"
3/4"	38.1	26.67	25.9	82.5	3/4"
1"	46	33.4	29.1	97.4	1"

PVC SCH80 PIPES & FITTINGS

ASTM D2467

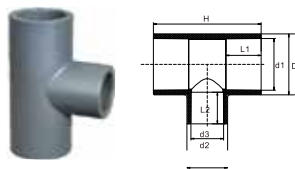


NSF

ITEM NO: US8E02

90° ELBOW

Size Nom	D	d	L
1/2"	29.8	21.34	22.7
3/4"	35.6	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	56.6
6"	190.9	168.3	76.7
8"	247.2	219.08	102.6
10"	305.9	273.05	128
12"	361.5	323.85	153.5

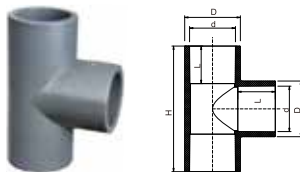


NSF

ITEM NO: US8T02

REDUCING TEE

Size Nom	D	d1	d2	d3	L1	L2	H
3/4"X1/2"	35.5	26.67	30	21.34	25.9	22.7	79.1
1"X1/2"	43.1	33.4	29.3	21.34	29.1	22.7	80.5
1"X3/4"	43.1	33.4	35.1	26.67	29.1	25.9	91
1 1/4"X1/2"	52.4	42.16	29.3	21.34	32.3	22.7	92.2
1 1/4"X3/4"	52.4	42.16	35.1	26.67	32.3	25.9	97.3
1 1/4"X1"	52.4	42.16	43.1	33.4	32.3	29.1	105.8
1 1/2"X1/2"	59	48.26	29.3	21.34	35.4	22.7	97.6
1 1/2"X3/4"	59	48.26	35.1	26.67	35.4	25.9	103.7
1 1/2"X1"	59	48.26	43.1	33.4	35.4	29.1	110.5
1 1/2"X1 1/4"	59	48.26	52.4	42.16	35.4	32.3	118.9
2"X1/2"	72	60.33	29.3	21.34	38.6	22.7	104.7
2"X3/4"	72	60.33	35.1	26.67	38.6	25.9	109.7
2"X1"	72	60.33	43.1	33.4	38.6	29.1	115.9
2"X1 1/4"	72	60.33	52.4	42.16	38.6	32.3	124.6
2"X1 1/2"	72	60.3	59	48.26	38.6	35.4	131.6

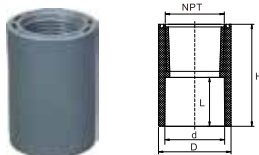


NSF

ITEM NO: US8T01

STRAIGHT TEE

Size Nom	D	d	L	H
1/2"	29.3	21.34	22.4	70.8
3/4"	35.4	26.67	25.9	82.4
1"	43.1	33.4	29.1	97.6
1 1/4"	52.4	42.16	32.3	110.9
1 1/2"	59	48.26	35.4	122.7
2"	72	60.33	38.6	142.7
2 1/2"	87.8	73.03	45	168.2
3"	104.9	88.9	48.1	190.2
4"	132.4	114.3	57.6	235.6
6"	191.2	168.3	76.7	333.2
8"	247.2	219.08	102.6	445
10"	305.9	273.05	128	556
12"	361.5	323.85	153.5	663



NSF

ITEM NO: US8011

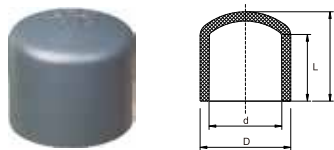
FEMALE ADAPTOR

Size Nom	D	d	H	L	NPT
1/2"	32.5	21.34	45.7	22.7	1/2"
3/4"	38.1	26.67	54.8	25.9	3/4"
1"	46	33.4	58.7	29.1	1"
1 1/4"	55.9	42.16	64.3	32.3	1 1/4"
1 1/2"	63.5	48.26	70.9	35.4	1 1/2"
2"	76.2	60.33	74.6	38.6	2"
2 1/2"	87.8	73.03	92.3	45	2 1/2"
3"	104.9	88.9	97.9	48.1	3"
4"	132.4	114.3	109.9	57.6	4"
6"	191.2	168.3	135.6	76.7	6"
8"	247.2	219.08	167	102.6	8"
10"	305.9	273.05	198	128	10"
12"	361.5	323.85	231.5	153.5	12"



ASTM D2467

PVC SCH80 PIPES & FITTINGS

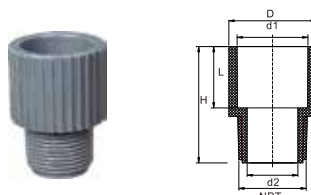


NSF

ITEM NO: US8016

END PLUG

Size Nom	D	d	L	H
1/2"	29.3	21.34	22.7	39.7
3/4"	35.1	26.67	25.9	33.7
1"	43.1	33.4	29.1	33.8
1 1/4"	52.4	42.16	32.3	43
1 1/2"	59	48.26	35.4	45.8
2"	72	60.33	38.6	51.8
2 1/2"	87.58	73.38	44.95	56.85
3"	33.3	25	19.5	25
4"	41	32	22.5	30
6"	33.3	25	19.5	25

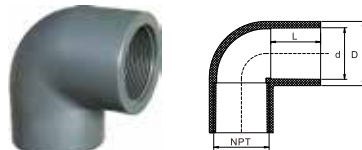


NSF

ITEM NO: US8012

MALE ADAPTOR

Size Nom	D	d1	d2	NPT	H	L
1/2"	30	21.34	9.4	1/2"	46.5	23.2
3/4"	35.8	26.67	14	3/4"	55.9	25.9
1"	44	33.4	18.8	1"	61	29.1
1 1/4"	53	42.16	26.8	1 1/4"	65.5	32.5
1 1/2"	60	48.26	32.4	1 1/2"	70.9	35.4
2"	73	60.33	43.3	2"	76.7	38.6
2 1/2"	88.2	73.03	51.0	2 1/2"	93.2	44.8
3"	104.9	88.9	66.0	3"	99.0	48.1
4"	132	114.3	89.9	4"	112	57.0
6"	191.2	168.3	138.3	6"	138.5	76.7
8"	247.2	219.08	186	8"	173	102.6
10"	305.9	273.05	235	10"	206	128
12"	361.5	323.85	281	12"	239	153.5

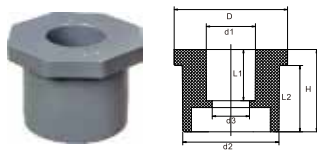


NSF

ITEM NO: US8E04

FEMALE ELBOW

Size Nom	D	d	L	NPT
1/2"	32.5	21.34	22.7	1/2"
3/4"	38.1	26.67	25.9	3/4"
1"	46	33.4	29.1	1"
1 1/4"	55.9	42.16	32.3	1 1/4"
1 1/2"	63.5	48.26	35.4	1 1/2"
2"	76.2	60.33	38.6	2"

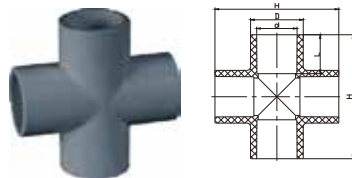


NSF

ITEM NO: US8005

REDUCING RING

Size Nom	D	d1	d2	d3	L1	L2	H
3/4"X1/2"	35	21.34	26.67	14	22.2	26	32.4
1"X1/2"	43	21.34	33.4	14	22.2	29	35.6
1"X3/4"	43	26.67	33.4	18	26	29	35.6
1 1/4"X1/2"	52.4	21.34	42.16	13.5	22.7	31.5	40
1 1/4"X3/4"	52.4	26.64	42.16	17.8	25.9	31.5	40
1 1/4"X1"	52.4	33.4	42.16	24	29.1	31.5	40
1 1/2"X1/2"	59	21.34	48.26	13	22.7	35	43
1 1/2"X3/4"	58.5	26.67	48.26	17.3	25.9	35	43
1 1/2"X1"	59	33.4	48.26	24.3	29.1	35	43
1 1/2"X1 1/4"	59	42.16	48.26	31.2	32.3	35	43
2"X1/2"	72	21.34	60.33	13	22.7	39	49
2"X3/4"	72	33.4	60.33	23.5	29.1	39	49
2"X1"	72	26.67	60.33	18	29.1	38.3	48.6
2"X1 1/4"	72	42.16	60.33	32	32.3	39	49
2"X1 1/2"	72	48.26	60.33	36.2	35.4	38.6	48.6
3"X1 1/2"	104.9	48.26	88.9	42	35.5	47.1	55.1
3"X2"	104.9	60.33	88.9	53.8	38.6	47.1	55.1
3"X2 1/2"	104.9	73.4	88.7	66	45	53.5	61.5
4"X1 1/2"	132.4	48.26	114.3	42	35.5	56.6	65.1
4"X2"	132.4	60.33	114.3	53.8	38.6	56.6	65.1
4"X3"	132.4	88.9	114.3	82	48.1	56.6	65.1
6"X4"	191.2	114.3	168.3	106.1	57.6	76.7	86.7



NSF

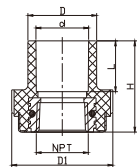
ITEM NO: US8C001

CROSS TEE

Size Nom	D	d	L	H
1/2"	29.4	21.34	23	71
3/4"	35	26.67	26	82.5
1"	43	33.4	29	97.5
1 1/4"	52	42.16	32	111
1 1/2"	59	48.26	35	124
2"	72	60.33	39	143

PVC SCH80 PIPES & FITTINGS

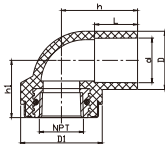
ASTM D2467



ITEM NO: UP8S015

FEMALE ADAPTOR WITH BRASS

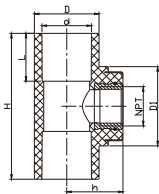
Nom Size	D1	D	d	L	NPT	H
1/2"	45.3	29.4	21.34	23	1/2"	40.5
1/2"X3/4"	51.6	29.4	21.34	23	3/4"	43.5
3/4"	51.6	35	26.67	26	3/4"	46.5
3/4"X1/2"	45.3	35	26.67	26	1/2"	44.5
1"	59	43	33.4	29	1"	53.5
1"X3/4"	51.6	43	33.4	29	3/4"	50



ITEM NO: UP8S016

FEMALE ELBOW WITH BRASS

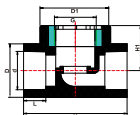
Nom Size	D1	D	d	L	NPT	h	h1
1/2"	42.9	29.4	21.34	23	1/2"	39.4	28
1/2"X3/4"	49.2	29.4	21.34	23	3/4"	38.5	31.5
3/4"	49.2	35	26.67	26	3/4"	45.9	34.5
3/4"X1/2"	42.9	35	26.67	26	1/2"	39.5	30.5
1"	56.7	43.54	34.05	29.08	1"	50	41
1 1/4"	67	52	42.16	32	1 1/4"	60	46.5
1 1/2"	73	59	48.26	35	1 1/2"	66	51
2"	87.6	72	60.33	39	2"	75	61



ITEM NO: UP8S017

FEMALE TEE WITH BRASS

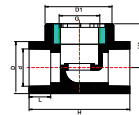
Nom Size	D1	D	d	L	NPT	h	h1
1/2"	42.9	29.4	21.34	23	1/2"	28	77
1/2"X3/4"	49.2	29.4	21.34	23	3/4"	31.5	77
3/4"	49.2	35	26.67	26	3/4"	34.5	92
3/4"X1/2"	42.9	35	26.67	26	1/2"	30.5	79
1"	56.7	43.54	34.05	29.08	1"	41	100
1 1/4"	67	52	42.16	32	1 1/4"	46.5	120
1 1/2"	73	59	48.26	35	1 1/2"	51	132
2"	87.6	72	60.33	39	2"	61	150



ITEM NO: UP8S012

PVC STOP VALVE TYPE I

Nom Size	D	d	G	L	H	D1	H1
20X1/2"	29.8	21.34	1/2"	22.7	80	35	30
25X3/4"	36	26.99	3/4"	24	82	42	
32X1"	43.7	33.7	1"	25	93	51.7	39



ITEM NO: UP8S013

PVC STOP VALVE TYPE II

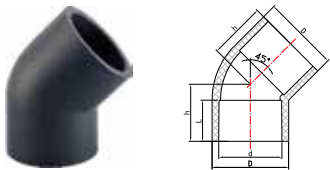
Nom Size	D	d	G	L	H	D1	H1
20X1/2"	29.8	21.34	1/2"	22.7	80	35	30
25X3/4"	36	26.99	3/4"	24	82	42	
32X1"	43.7	33.7	1"	25	93	51.7	39

PVC PRESSURE
FITTINGS
(BS4346)

PRESSURE

PVC PRESSURE FITTINGS

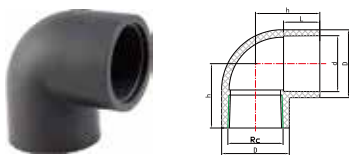
BS4346 BS1452



ITEM NO:BS001

45° ELBOW

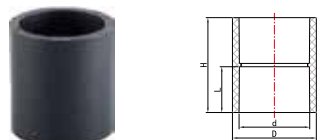
Size Nom	D	d	L	h
1/2"	28.5	21.34	17	23.14
3/4"	34.5	26.67	20	27.18
1"	41.7	33.4	23	32
1 1/4"	51.4	42.16	27.5	38.28
1 1/2"	59.8	48.26	30.5	43
2"	74	60.33	36.5	52
3"	105.7	88.9	51	73
4"	134.5	114.3	63.5	92.5
6"	196.7	168.3	91	132



ITEM NO:BS003

FEMALE ELBOW

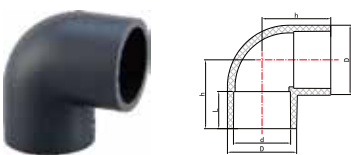
Size Nom	D	d	L	h	Rc
1/2"	28.5	21.34	17	28.25	1/2"
3/4"	34.5	26.67	20	34.25	3/4"
1"	41.7	33.4	23	39.35	1"
1 1/4"	51.4	42.16	27.5	48.8	1 1/4"
1 1/2"	59.8	48.26	30.5	54.1	1 1/2"
2"	74.5	60.33	36.5	67.75	2"



ITEM NO:BS007

COUPLING

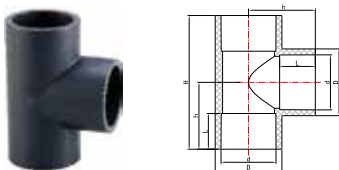
Size Nom	D	d	L	h
1/2"	27.5	21.34	17	36
3/4"	33.5	26.67	20	42
1"	40.7	33.4	23	48
1 1/4"	50.4	42.16	27.5	57
1 1/2"	59.4	48.26	30.5	64
2"	74	60.33	36.5	77
3"	103.5	88.9	51	109
4"	134.5	114.3	63.5	132
6"	194.7	168.3	91	188



ITEM NO:BS002

90° ELBOW

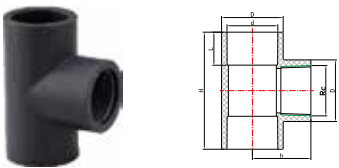
Size Nom	D	d	L	h
1/2"	28.5	21.34	17	30
3/4"	34.5	26.67	20	35.5
1"	41.7	33.4	23	42
1 1/4"	51.4	42.16	27.5	51
1 1/2"	59.8	48.26	30.5	58.5
2"	74	60.33	36.5	71
3"	105.7	88.9	51	102
4"	134.5	114.3	63.5	127.5
6"	196.7	168.3	91	183.5



ITEM NO:BS004

TEE

Size Nom	D	d	L	H	h
1/2"	28.5	21.34	17	59	29.5
3/4"	34.5	26.67	20	71	35.5
1"	41.7	33.4	23	84	42
1 1/4"	51.4	42.16	27.5	103	51.5
1 1/2"	59.8	48.26	30.5	117	58.5
2"	74.5	60.33	36.5	143	71.5
3"	105.7	88.9	51	202.7	101.35
4"	134.5	114.3	63.5	255	127.5
6"	196.7	168.3	91	367	183.5



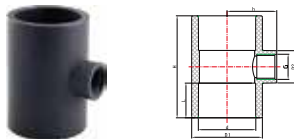
ITEM NO:BS005

FEMALE TEE

Size Nom	D	d	L	H	h	Rc
1/2"	28.5	21.34	17	56.5	28.25	1/2"
3/4"	34.5	26.67	20	68.5	34.25	3/4"
1"	41.7	33.4	23	80	39.35	1"
1 1/4"	51.4	42.16	27.5	97.6	48.8	1 1/4"
1 1/2"	59.8	48.26	30.5	109	54.1	1 1/2"
2"	74.5	60.33	36.5	135.5	67.75	2"



BS4346 BS1452



ITEM NO:BS006

FEMALE REDUCING TEE

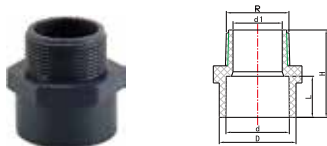
Size Nom	D1	D2	d	L	H	h	G
1"X1/2"	41.7	28.5	33.69	23	69.6	35	1/2"
1 1/2"X1/2"	59.8	28.5	48.38	30.5	85.5	42	1/2"
2"X1/2"	74.5	28.5	60.5	36.5	102	51	1/2"
2"X3/4"	74.5	34	60.33	36.5	107.38	52.36	3/4"



ITEM NO:BS009

FEMALE ADAPTOR

Size Nom	D	D1	d	L	H	Rc
1/2"	28.5	28.5	21.34	17	35.5	1/2"
3/4"	34.5	34.5	26.67	20	41	3/4"
1"	41.7	41.7	33.4	23	45.6	1"
1 1/4"	51.4	51.4	42.16	27.5	53.7	1 1/4"
1 1/2"	59.8	59.4	48.26	30.5	62	1 1/2"
2"	74	76	60.33	36.5	76	2"
3"	103.5	105	88.9	51	100	3"
4"	134.5	136	114.3	63.5	120	4"
6"	196.7	196.7	168.3	91	149	6"

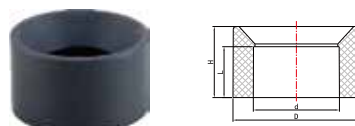


ITEM NO:BS010

MALE ADAPTOR

Size Nom	D	d	d1	L	H	Rc
1/2"	28.5	21.34	12.2	17	41.5	1/2"
3/4"	34.5	26.67	16	20	46.5	3/4"
1"	41.7	33.4	23	23	55	1"
1 1/4"	51.4	42.16	33	27.5	58.5	1 1/4"
1 1/2"	59.8	48.26	37	30.5	63	1 1/2"
2"	74	60.33	47	36.5	75	2"
3"	103.5	88.9	72	51	99	3"
4"	134.5	114.3	94	63.5	122	4"
6"	196.7	168.3	136.6	91	157.5	6"

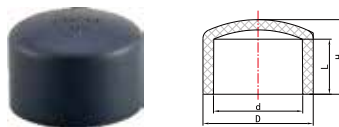
PVC PRESSURE FITTINGS



ITEM NO:BS008

REDUCING BUSH

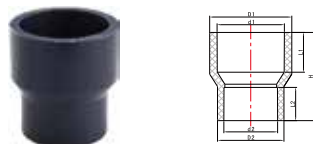
Size Nom	D	d	L	H
3/4"X1/2"	26.67	21.34	17	20
1"X1/2"	33.4	21.34	17	23
1"X3/4"	33.4	26.67	20	23
1 1/4"X1/2"	42.16	21.34	17	27.5
1 1/4"X3/4"	42.16	26.67	20	27.5
1 1/4"X1"	42.16	33.4	23	27.5
1 1/2"X1/2"	48.26	21.34	17	30.5
1 1/2"X3/4"	48.26	26.67	20	30.5
1 1/2"X1"	48.26	33.4	23	30.5
1 1/2"X1 1/4"	48.26	42.16	27.5	30.5
2"X1/2"	60.33	21.34	17	36.5
2"X3/4"	60.33	26.67	20	36.5
2"X1"	60.33	33.4	23.8	36.5
2"X1 1/4"	60.33	42.16	28.2	36.5
2"X1 1/2"	60.33	48.26	30.5	36.5
3"X1 1/2"	88.9	48.26	30.5	51
3"X2"	88.9	60.33	36.5	51
4"X2"	114.3	60.33	36.5	63.5
4"X3"	114.3	88.9	51	63.5
6"X4"	168.3	114.3	63.5	91



ITEM NO:BS011

END PLUG

Size Nom	D	d	L	h
1/2"	28.5	21.34	17	22.58
3/4"	34.5	26.67	20	26.51
1"	41.7	33.4	23	30.56
1 1/4"	51.4	42.16	27.5	36.55
1 1/2"	59.8	48.26	30.5	41.32
2"	74	60.33	36.5	49.65
3"	105.7	88.9	51	68.64
4"	134.5	114.3	63.5	85.65
6"	196.7	168.3	91	124.04

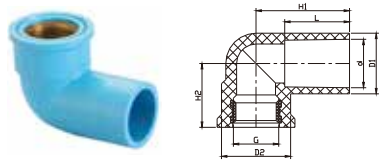


ITEM NO:BS012

REDUCING COUPLING

Size Nom	D1	D2	d1	d2	L1	L2	H
2"X1 1/2"	73.9	59.8	60.33	48.26	36.5	30.5	81

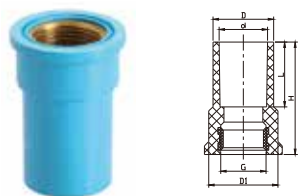
PVC PRESSURE FITTINGS JIS STANDARD



ITEM NO:PJS001

● FEMALE BRASS ELBOW

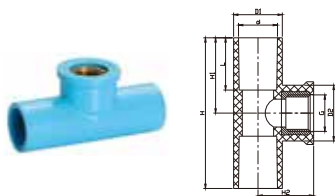
Size	Nom	D1	D2	d	L	H1	H2	G
18 (1/2")	28	32	22.4	30	43.25	29.5	1/2"	
20 (3/4")	33.05	37.8	23.6	35	51	36	3/4"	



ITEM NO:PJS002

● FEMALE BRASS COUPLING

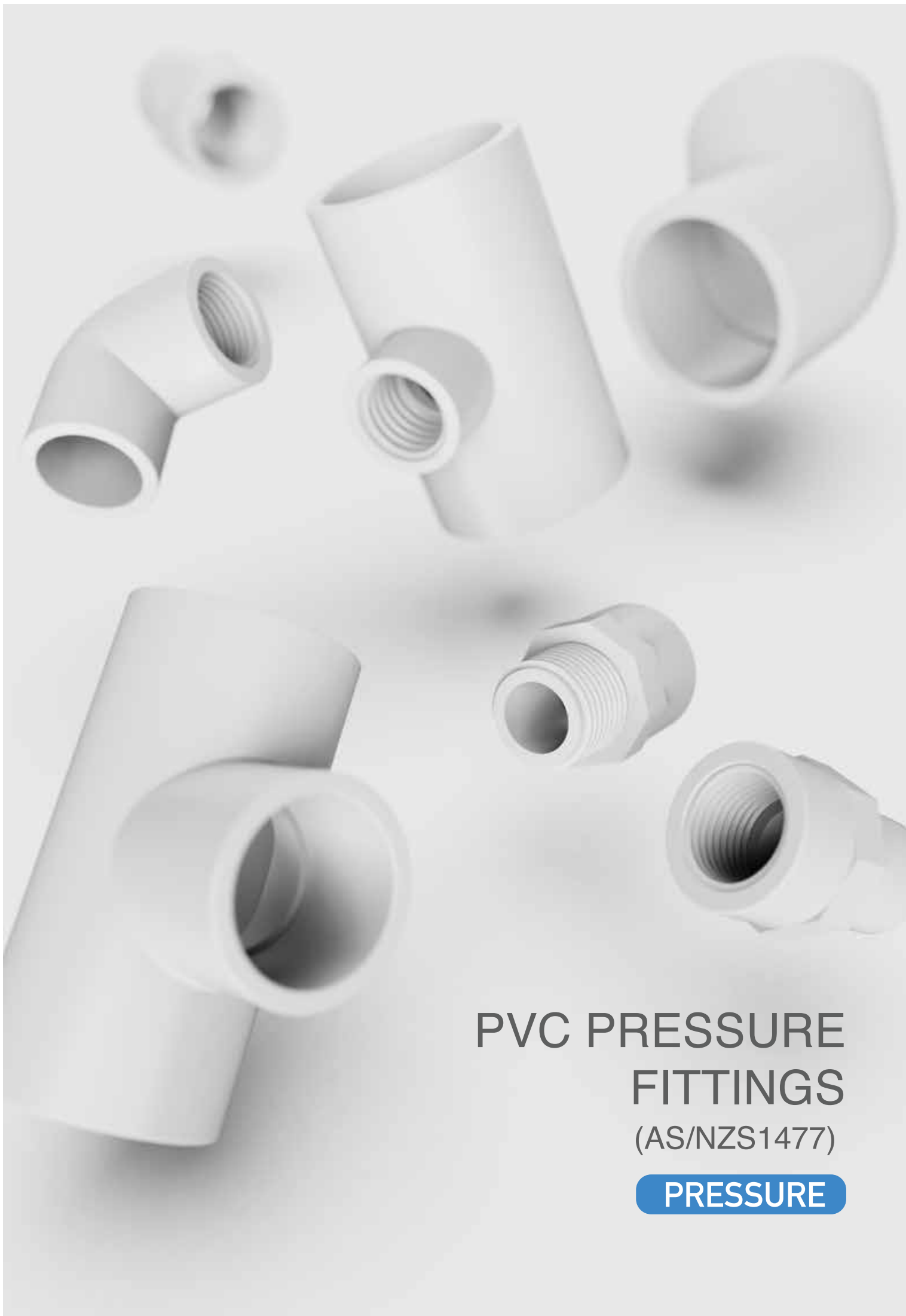
Size	Nom	D	d	D1	G	L	H
18 (1/2")	28	22.4	32	1/2"	30	52	
20 (3/4")	33.05	26.45	37.8	3/4"	35	60	



ITEM NO:PJS003

● FEMALE BRASS TEE

Size	Nom	D1	D2	d	L	H1	H2	H	G
18 (1/2")	28	32	22.4	30	43.25	32	86.5	1/2"	
20 (3/4")	33.05	37.8	26.45	35	50.15	37.5	100.3	3/4"	



PVC PRESSURE
FITTINGS
(AS/NZS1477)

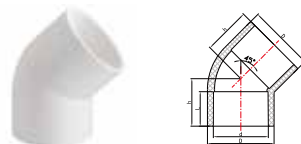
PRESSURE

PVC PRESSURE PIPES & FITTINGS AS/NZS1477



● PRESSURE PIPES

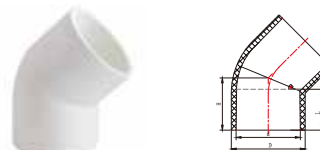
Size Nom	Outer Dia	PN9 Thickness	PN12 Thickness	PN15 Thickness
15	21.2-21.5			1.4-1.7
20	26.6-26.9		1.4-1.7	1.7-2.1
25	33.4-33.7	1.4-1.7	1.7-2.1	2.1-2.5
32	42.1-42.4	1.7-2.1	2.2-2.6	2.7-3.2
40	48.1-48.4	1.9-2.3	2.5-3.0	3.1-3.6
50	60.2-60.5	2.4-2.8	3.1-3.6	3.8-4.4
65	75.2-75.5	3.0-3.5	3.9-4.5	4.8-5.5
80	88.7-89.1	3.5-4.1	4.6-5.3	5.7-6.5
100	114.1-114.5	4.5-5.2	5.9-6.7	7.3-8.2
125	140.0-140.4	5.5-6.3	7.2-8.1	8.9-10
150	160.0-160.5	6.3-7.1	8.3-9.3	10.2-11.4
175	200.0-200.5	7.1-8.0	9.3-10.4	11.5-12.8
200	225.0-225.6	7.9-8.9	10.5-11.7	12.9-14.4
225	250.0-250.7	8.8-9.9	11.6-13	14.4-16



ITEM NO:AUSE01

● 45° LBOW

Size Nom	D	d	L	h
15	27.3	21.700	20.00	27.12
20	33.6	27.200	22.00	29.97
25	40.6	34.000	24.00	33.42
32	50.7	42.700	29.00	40.10
40	58.3	48.700	32.00	45.05
50	70.8	60.800	38.00	53.60
65	87.8	75.800	46.00	64.70
80	103.4	89.400	52.00	73.48
100	133	115.000	62.00	88.57
150	185	161.000	89.00	125.10



ITEM NO:AUSEL01

● 45° ELBOW L TYPE

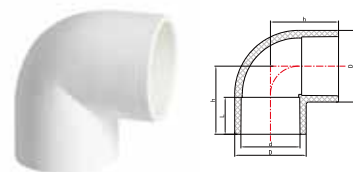
Size Nom	D	d	L	h
40	56	48.7	31	39.6



ITEM NO:AUSL003

● COUPLING L TYPE

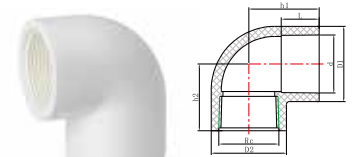
Size Nom	D	d	L	h
15	25.3	21.7	18.5	39.4
40	56	48.7	31	65



ITEM NO:AUSE02

● 90° LBOW

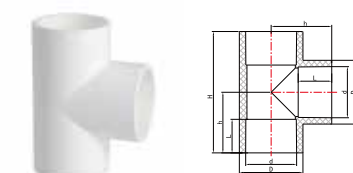
Size Nom	D	d	L	h
15	27.3	21.700	20.00	33.00
20	33.6	27.200	22.00	37.50
25	40.6	34.000	24.00	43.00
32	50.7	42.700	29.00	52.50
40	58.3	48.700	32.00	59.10
50	70.8	60.800	38.00	71.40
65	87.8	75.800	46.00	86.90
80	103.4	89.400	52.00	100.20
100	133	115.000	62.00	123.00
150	185	161.000	89.00	173.50



ITEM NO:AUSE04

● 90° FEMALE THREAD ELBOW

Size Nom	D1	D2	d	L	h1	h2	Rc
15X1/2"	28.3	28.300	19.90	20.00	31	31	1/2"
20X1/2"	33.6	28.300	27.20	22.00	34	33	1/2"
20X3/4"	34.6	34.600	27.20	22.00	36	36	3/4"
25X1/2"	40.6	28.300	34.00	24.00	37	37	1/2"
25X3/4"	40.6	34.600	34.00	24.00	39	39	3/4"
25X1"	41.6	41.600	34.00	24.00	42	42	1"
32X1 1/4"	51.7	51.700	42.70	29.00	51	48	1 1/4"
40X1 1/2"	59.3	59.300	48.70	32.00	57	51	1 1/2"



ITEM NO:AUST01

● STRAIGHT TEE

Size Nom	D	d	L	H	h
15	27.3	21.700	20.00	66.00	33
20	33.6	27.200	22.00	75.00	38
25	40.6	34.000	24.00	86.00	43
32	50.7	42.700	29.00	105.00	53
40	58.3	48.700	32.00	118.20	59
50	70.8	60.800	38.00	142.80	71
65	87.8	75.800	46.00	173.80	87
80	103.4	89.400	52.00	200.40	100
100	133	115.000	62.00	246.00	123
150	185	161.000	89.00	347.00	174



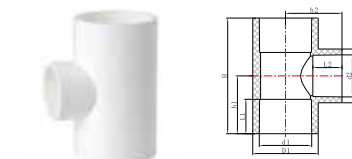
AS/NZS1477 PVC PRESSURE PIPES & FITTINGS



ITEM NO:AUST04

● FEMALE THREAD TEE

Size Nom	D1	D2	d	L	h1	h2	H	Rc
15X1/2"	27.3	27.300	21.70	20.00	31	31	62	1/2"
20X1/2"	33.6	27.300	27.20	22.00	34	34	67	1/2"
20X3/4"	33.6	33.600	27.20	22.00	36.5	35.5	73	3/4"
25X1/2"	40.6	27.300	34.00	24.00	36	37	71	1/2"
25X3/4"	40.6	33.600	34.00	24.00	38	39	77	3/4"
25X1"	40.6	40.600	34.00	24.00	42	41	83	1"
32X1/2"	50.7	27.300	42.70	29.00	41	41	82	1/2"
32X1"	50.7	40.600	42.70	29.00	47	46	94	1"
40X1/2"	58.3	27.300	48.70	32.00	44	45	88	1/2"
40X3/4"	58.3	33.600	48.70	32.00	47	47	94	3/4"
40X1"	58.3	40.600	48.70	32.00	50	49	100	1"
40X1 1/2"	59.3	59.300	48.70	32.00	56.9	51.2	113.8	1 1/2"
50X3/4"	70.8	33.600	60.80	38.00	53	53	106	3/4"
50X1"	70.8	40.600	60.80	38.00	56	55	112	1"



ITEM NO:AUST02

● REDUCING TEE

Size Nom	D1	d1	L1	h1	D2	d2	L2	h2	H
20X15	33.6	27.200	22.00	31.95	27	22	20	35	70
25X20	40.6	34.000	24.00	39.50	34	27	22	41	79
32X20	50.7	42.700	29.00	44.50	34	27	22	45	89
32X25	50.7	42.700	29.00	48.00	41	34	24	48	96
40X15	58.3	48.700	32.00	45.95	27	22	20	47	92
40X20	58.3	48.700	32.00	48.00	34	27	22	48	96
40X25	58.3	48.700	32.00	51.50	41	34	24	51	103
50X20	70.8	60.800	38.00	54.00	34	27	22	55	108
50X25	70.8	60.800	38.00	57.50	41	34	24	57	115
50X40	70.8	60.800	38.00	65.15	58	49	32	65	130
65X50	87.8	75.800	46.00	79.20	71	61	38	79	158
80X25	103.4	89.400	52.00	72.50	41	34	24	71	145
80X40	103.4	89.400	52.00	80.15	58	49	32	80	160
80X50	103.4	89.400	52.00	86.20	71	61	38	86	172
100X50	133	115.000	62.00	96.20	71	61	38	98	192
100X80	133	115.000	62.00	111.20	103	89	52	112	222
150X100	185	161.000	89.00	151.00	133	115	62	146	302



ITEM NO:AUSL016

● END PLUG L TYPE

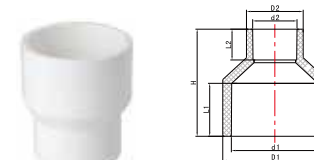
Size Nom	D	d	D1	d1	L	H
20	30.8	27.2	26.5	25	20.6	28



ITEM NO:AUSTL01

● STRAIGHT TEE L TYPE

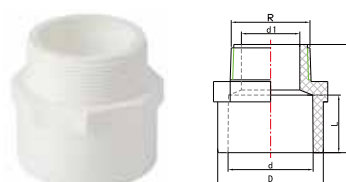
Size Nom	D	d	L1	L2	L3
40	56	48.7	31	54	108
50	69.2	60.8	36	66	132



ITEM NO:AUS004

● REDUCING COUPLING

Size Nom	D1	d1	L1	D2	d2	L2	H
20X15	33.6	27.200	22.00	27.30	21.7	20	51
25X15	40.6	34.000	24.00	27.30	22	20	53
25X20	40.6	34.000	24.00	33.60	27	22	55
32X20	50.7	42.700	29.00	33.60	27	22	62
32X25	50.7	42.700	29.00	40.60	34	24	64
40X15	58.3	48.700	32.00	27.30	22	20	66
40X20	58.3	48.700	32.00	33.60	27	22	68
40X25	58.3	48.700	32.00	40.60	34	24	70
40X32	58.3	48.700	32.00	50.70	43	29	76
50X25	70.8	60.800	38.00	40.60	34	24	80
50X32	70.8	60.800	38.00	50.70	43	29	85
50X40	70.8	60.800	38.00	58.30	49	32	89
65X50	87.8	75.800	46.00	70.80	61	38	103
80X50	103.4	89.400	52.00	70.80	61	38	113
80X65	103.4	89.400	52.00	87.80	76	46	121
100X50	133	115.000	62.00	70.80	61	38	126
100X80	133	115.000	62.00	103.40	89	52	143
125X100	162.9	140.900	85.00	133.00	115	62	179
150X100	185	161.000	89.00	133.00	115	62	192

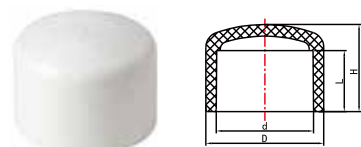


ITEM NO:AUS012

● VALVE SOCKET

Size Nom	D	d	d1	L	H	R
15X1/2"	27.3	21.700	13.40	20.00	40	1/2"
20X3/4"	33.6	27.200	17.60	22.00	45	3/4"
25X1"	40.6	34.000	23.20	24.00	49	1"
32X1 1/4"	50.7	42.700	30.40	29.00	57	1 1/4"
40X1"	58.3	48.700	23.20	32.00	58	1"
40X1 1/2"	58.3	48.700	34.60	32.00	60	1 1/2"
40X1 1/4"	58.3	48.700	30.40	32.00	60	1 1/4"
50X2"	70.8	60.800	45.80	38.00	69	2"
65X2 1/2"	87.8	75.800	59.80	46.00	82	2 1/2"
80X3"	103.4	89.400	69.50	52.00	94	3"
100X4"	133	115.000	90.40	62.00	112	4"

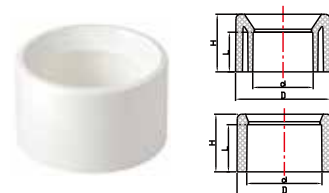
PVC PRESSURE PIPES & FITTINGS AS/NZS1477



ITEM NO:AUS016

● END PLUG

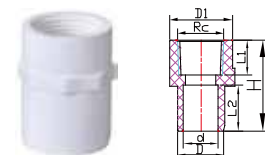
Size Nom	D	d	L	H
15	27.3	21.700	20.00	28.77
20	33.6	27.200	22.00	32.40
25	40.6	34.000	24.00	35.30
32	50.7	42.700	29.00	42.38
40	58.3	48.700	32.00	47.06
50	70.8	60.800	38.00	54.88
65	87.8	75.800	46.00	65.87
80	103.4	89.400	52.00	76.14
100	133	115.000	62.00	92.87
125	162.9	140.900	85.00	122.10
150	185	161.000	89.00	130.02



ITEM NO:AUS005

● REDUCING RING

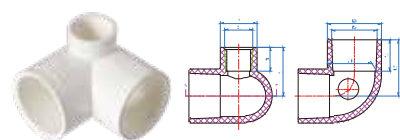
Size Nom	D	d	L	H
20X15	27.200	21.70	20.00	22
25X15	34.000	21.70	20.00	24
25X20	34.000	27.20	22.00	24
32X25	42.700	34.00	24.00	29
40X25	48.700	34.00	24.00	32
40X32	48.700	42.70	29.00	32
50X25	60.800	34.00	24.00	38
50X40	60.800	48.70	32.00	38
65X50	75.800	60.80	38.00	46
80X50	89.400	60.80	38.00	52
100X50	115.000	60.80	38.00	62
100X80	115.000	89.40	52.00	62
150X100	161.000	115.00	62.00	89



ITEM NO:AUS013

● FAUCET TAKE OFF ADAPTOR

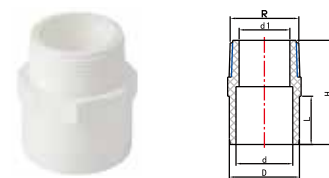
Size Nom	D	d	d1	D1	Rc	L1	L2	H
15x1/2"	20.91	15.6	28.3	16	20.3	41		
20x3/4"	26.4	20.2	34.6	18	21.2	45		
25x3/4"	33	26.8	34.6	18	24	47		
25x1"	33	26.8	41.6	20.5	29.5	54.5		



ITEM NO:AUSE05

● 90DEG ELBOW SIDE OUTLET 20X15MM

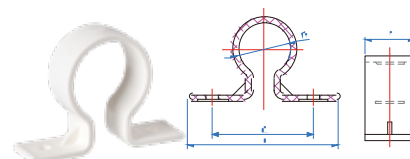
Size Nom	D	D1	D2	D3	D4	H	L	L1	L2
20X1/2" X90	28.3	1/2"	33.6	27.2	26.5	18	33.8	22	37.5
25X1/2" X90	28.3	1/2"	40.6	34	33.3	18	37	24	43



ITEM NO:AUS017

● VALVE TAKE OFF ADAPTOR

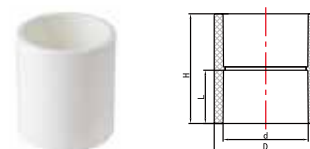
Size Nom	D	d	d1	L	H	R
15X1/2"	21.2	15.60	13.40	20	44	1/2"
20X3/4"	26.6	20.20	17.60	22	48	3/4"
25X1"	33.4	26.80	23.20	24	55.5	1"
32X1 1/4"	42.1	34.10	30.40	29	62.5	1 1/4"
40X1 1/2"	48.1	38.50	34.60	32	66	1 1/2"
50X2"	60.2	50.20	45.80	38	77	2"
65X2 1/2"	75.2	63.20	59.80	53	89	2 1/2"
80X3"	88.7	74.70	69.50	52	100	3"



ITEM NO: AUS018

● PVC CLIP FOR PRESSURE PIPE

Size Nom	D	D1	R	d
15	60	40	21.3	19.4
20	64	46	31.7	19.4
25	74	53	39.5	19.4
32	81	60	48.2	19.4
40	85	67	54.2	19.4
50	104	80	68.3	19.4



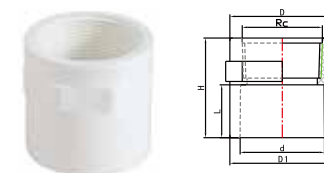
ITEM NO:AUS003

● COUPLING

Size Nom	D	d	L	H
15	27.300	21.70	20.00	43
20	33.600	27.20	22.00	47
25	40.600	34.00	24.00	51
32	50.700	42.70	29.00	61
40	58.300	48.70	32.00	68
50	70.800	60.80	38.00	80
65	87.800	75.80	46.00	96
80	103.400	89.40	52.00	108
100	133.000	115.00	62.00	128
150	185.000	161.00	89.00	182



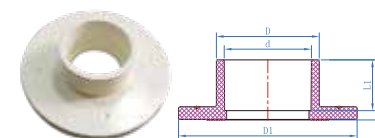
AS/NZS1477 PVC PRESSURE PIPES & FITTINGS



ITEM NO:AUS011

● FAUCET SOCKET

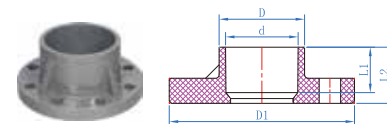
Size Nom	D	D1	d	L	H	Rc
15X1/2"	28.3	28.300	21.70	20.00	41	1/2"
20X3/4"	34.6	34.600	27.20	22.00	45	3/4"
25X1/2"	28.3	41.600	34.00	24.00	45	1/2"
25X3/4"	34.6	41.600	34.00	24.00	47	3/4"
25X1"	41.6	41.600	34.00	24.00	49	1"
32X1 1/4"	51.7	51.700	42.70	29.00	56	1 1/4"
40X1 1/2"	59.3	59.300	48.70	32.00	60	1 1/2"
50X2"	71.8	71.800	60.80	38.00	69	2"
65X2 1/2"	88.8	88.800	75.80	46.00	80.5	2 1/2"
80X3"	104.4	104.400	89.40	52.00	90	3"
100X4"	134	134.000	115.00	62.00	106	4"



ITEM NO: AUS019

● FLANGE

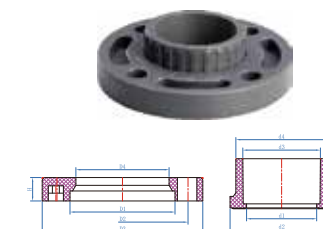
Size Nom	D1	D	d	L1	L2
50	149.4	71.6	60.8	38	47
65	165	89.4	79.8	46	54
80	183	105.4	89.4	52	61.5
100	213.5	135.6	115	62	71
150	279.5	190	161	89	101



ITEM NO: AUS020

● SOCKET FLANGE

Size Nom	D1	D	d	L1	L2
50	155.2	71.6	60.8	38	47



ITEM NO: AUS021

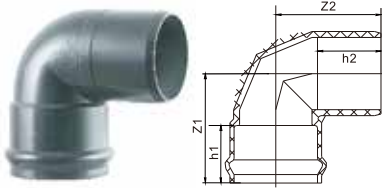
● VAN STONE FLANGE

Size Nom	d1	d2	d3	d4	h	D1	D2	D3	D4	H
80	80.8	118.8	89.4	105.4	57.6	121	151	185	107.4	27
100	107	151	115	135.6	69	153	183	230	137.6	30
160	155	208	161	97	97	209.8	239.3	292.8	192	32

PVC PRESSURE FITTINGS WITH GASKET

PRESSURE

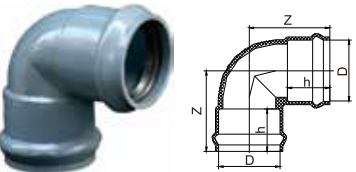
PVC PRESSURE FITTINGS WITH GASKET



ITEM NO:GP001

ONE FAUCET ONE INSERT 90° ELBOW

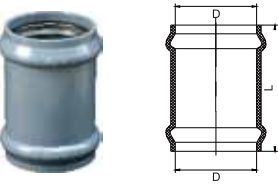
Spec	Z1	Z2	h1	h2
225	312	296	166	170
250	337.5	340	182	178
315	393	378	198	222



ITEM NO:GP002

TWO FAUCET 90° ELBOW

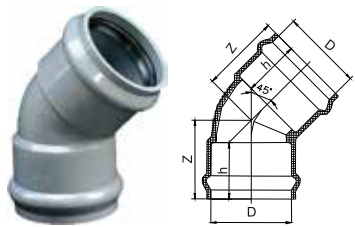
Spec D	Z	h
63	112	76
75	123	81.5
90	165	114
110	190	122
160	229	142
200	266	153
225	312	163
250	338	177
315	393	198
355	393	206



ITEM NO:GP016

TWO FAUCET COUPLING

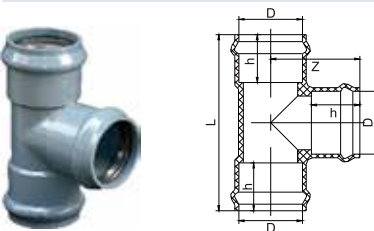
Spec D	L
63	156
75	170
90	235
110	266
160	310
200	338
225	360
250	385
315	460
355	460



ITEM NO:GP004

TWO FAUCET 45° ELBOW

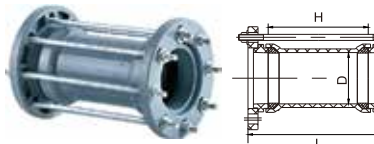
Spec D	Z	h
63	92	76
75	103.5	81.5
90	136	114
110	162.5	122
160	183	141.5
200	210	155
225	222	166
250	248	180
315	298	195
355	292	205



ITEM NO:GP005

THREE FAUCET REGULAR TEE

Spec D	L	h	Z
63	224	76	112
75	245	81.5	122.5
90	330	115	165
110	410	122	206
160	473	141.5	238
200	560	152	280
225	615	166	308
250	666	176	333
315	780	198	390
355	786	206	393

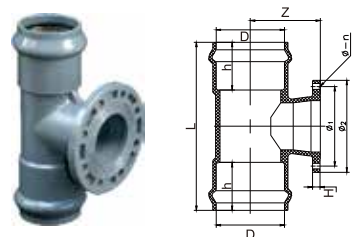


ITEM NO:GP021

REPAIRING JOINT

Spec D	L	H
110	305	221
160	365	252
200	410	290
225		315
250	430	335
315		390

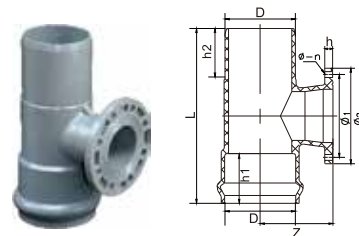
PVC PRESSURE FITTINGS WITH GASKET



ITEM NO:GP006

● TWO FAUCET ONE FLANGE REGULAR TEE

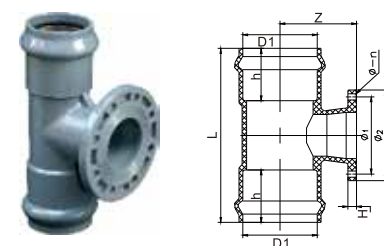
Spec D	L	h	z	Φ1	Φ2	H	Φ-n
110	413	122	158	180	225	21	17.5-8
160	475	141.5	191	240	285	24	22-8
200	560	155	217.5	295	340	28	22-8
225	611	166	260	295	340	30	22-8



ITEM NO:GP008

● ONE FAUCET ONE FLANGE ONE INSERT REGULAR TEE

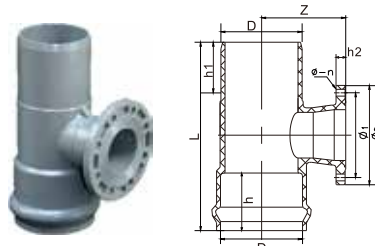
Spec D	L	h1	h2	h	Φ1	Φ2	Z	Φ-n
110	410	122	127	21	180	225	158	17.5x8
160	480	141.5	144	24	240	285	191	22x8
200	560	155	155	28	295	340	217.5	22x8
225	615	166	167	30	295	340	260	22x8



ITEM NO:GP007

● TWO FAUCET ONE FLANGE REDUCING TEE

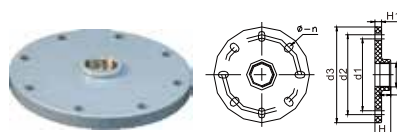
Spec D1xD2	L	h	Z	Φ1	Φ2	H	Φ-n
160 X 110	428	141.5	191	180	225	21	17.5-8
200 X 110	475	155	210	180	225	21	17.5-8
200 X 160	535	155	216.5	240	285	24	22-8
225 X 110	490	166	225	180	225	21	17.5-8
225 X 160	540	166	230	240	285	24	22-8
250 X 110	520	180	238	180	225	21	17.5-8
250 X 160	573	180	240	240	285	24	22-8
250 X 200	623	180	260	295	340	28	22-8
315 X 110	580.5	198	279	180	225	21	17.5-8
315 X 160	618	198	277	240	285	24	22-8
315 X 200	663	198	292	295	340	28	22-8



ITEM NO:GP009

● ONE FAUCET ONE INSERT ONE FLANGE REDUCING TEE

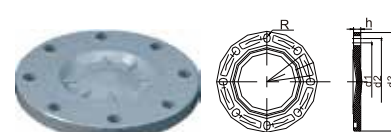
Spec D	L	h	h1	h2	Φ1	Φ2	Z	Φ-n
160 X 110	440	141.5	144	21	180	225	191	17.5x8
200 X 110	477	155	155	21	180	225	210	17.5x8
200 X 160	530	155	155	24	240	285	216.5	22x8
225 X 110	495	166	167	21	180	225	225	17.5x8
225 X 160	550	166	167	24	240	285	230	22x8
250 X 110	515	180	182	21	180	225	238	17.5x8
250 X 160	570	180	182	24	240	285	240	22x8
250 X 200	616	180	180	28	295	340	260	22x8
315 X 110	575	198	197	21	180	225	279	17.5x8
315 X 160	618	198	197	24	240	285	277	22x8
315 X 200	663	198	197	28	295	340	292	22x8



ITEM NO:GP019

● COOPER SCREW BLANK FLANGE

Spec D	d1	d2	d3	H	H1	L	Φ-n
110X2"	170	180	225	38	20	28	17.5x8
160X2"	230	240	285	41.5	25	28	17.5x8
200X2"	295		340	43	28	28	22x8

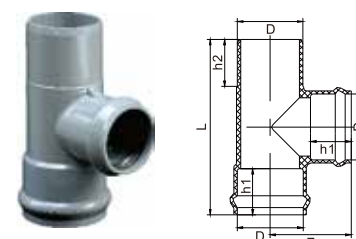


ITEM NO:GP020

● BLANK FLANGE

Spec D	d1	d2	d3	h	n	R
110	170	180	225	20	8	11
160	230	240	285	25	8	9
200	295		340	28	8	11

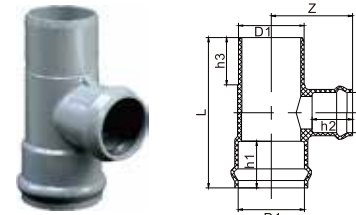
PVC PRESSURE FITTINGS WITH GASKET



ITEM NO:GP010

● TWO FAUCET ONE INSERT REGULAR TEE

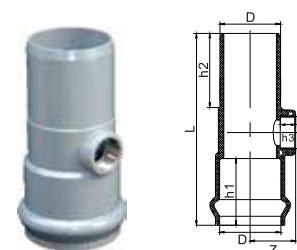
Spec D	L	h1	h2	Z
110	410	122	130	206
160	480	141.5	144	238
200	560	155	155	280
225	615	166	167	308
250	670	180	182	333
315	780	198	198	390



ITEM NO:GP011

● TWO FAUCET ONE INSERT REDUCING TEE

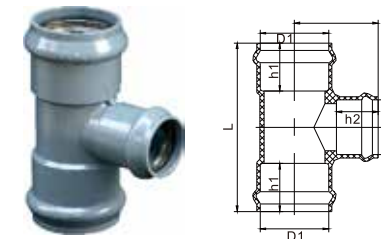
Spec D1xD2	L	h1	h2	h3	Z
160 X 110	440	141.5	122	144	220
200 X 110	477	155	122	155	235
200 X 160	530	155	141.5	155	255
225 X 110	495	166	122	167	250
225 X 160	550	166	141.5	167	270
250 X 110	515	180	122	182	265
250 X 160	570	180	141.5	182	285
250 X 200	616	180	155	182	315
315 X 110	575	198	122	197	312
315 X 160	618	198	141.5	197	318
315 X 200	663	198	155	197	344



ITEM NO:GP012

● ONE FAUCET ONE INSERT COPPER SCREW TEE

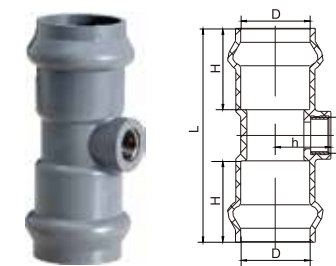
Spec DxRp	L	h1	h2	h3	Z
110X2"	340	122	130	28	81
160X2"	380	141.5	144	28	103
200X2"	410	155	155	28	122.5



ITEM NO:GP013

● THREE FAUCET REDUCING TEE

Spec D1xD2	L	h1	h2	Z
75X63	234	81.5	76	117.5
90X63	304	115	76	128
90X75	304	115	81.5	153
110X63	340	122	76	141
110X75	340	122	81.5	138
110X90	340	122	115	197
160X63	384	141	76	169
160X75	384	141	81.5	175
160X90	384	141	115	225
160X110	430	142	122	220
200X63	416	152	76	195
200X75	416	152	81.5	200
200X90	416	152	115	250
200X110	477	155	122	235
200X160	535	155	142	255
225X110	492	166	122	250
225X160	545	166	142	270
250X110	516	180	122	265
250X160	576	180	142	285
250X200	618	180	155	315
315X110	570	198	122	312
315X160	618	198	142	317
315X200	658	198	155	344
355X160	616	206	105	343
355X200	616	206	155	387
355X225	664	206	166	370
355X250	664	206	177	413

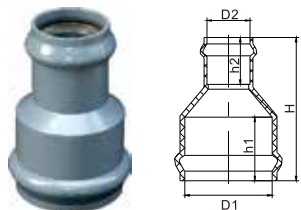


ITEM NO:GP014

● TWO FAUCET COPPER SCREW TEE

Spec DxRp	H	h	L
63X3/4"	76	52	200
63X1"	76	52	200

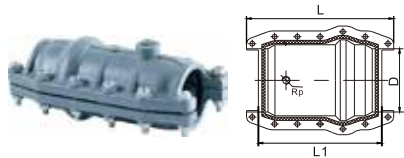
PVC PRESSURE FITTINGS WITH GASKET



ITEM NO:GP015

● TWO FAUCET REDUCER

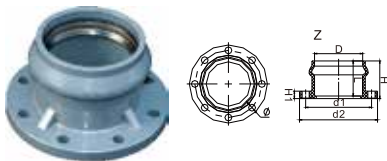
Spec D1xD2	H	h1	h2
90X63	210	115	76
90X75	212	115	81.5
110X63	230	122	76
110X90	255	123	116
160X110	305	140	122
200X110	324	156	122
200X160	325	155	140
225X110	362	160	122
225X160	355	160	140
225X200	355	160	155
250X110	388	175	122
250X160	375	175	140
250X200	372	175	155
250X225	375	175	165
315X160	431	195	140
315X200	430	195	155
315X250	435	195	182
355X200	455	205	155
355X315	438	205	198



ITEM NO:GP022

● SADDLE PIN JOINT WITH COOPER SCREW

Spec D	L	L1	Rp	No. size and length of nuts
90	313	260	1/2"	12-M10x70
110	340	280	1/2"	12-M12x70
125	345	284	1/2"	12-M12x70
140	347	286	1/2"	12-M12x70
160	382	320	1/2"	14-M12x80
200	462	400	1/2"	16-M12x80
225	462	400	1/2"	16-M12x80
250	494	430	1/2"	18-M12x90
315	525	450	1/2"	18-M12x90
355	545	470	1/2"	18-M16x100
400	575	500	1/2"	20-M16x100



ITEM NO:GP017

● FAUCET FLANGE

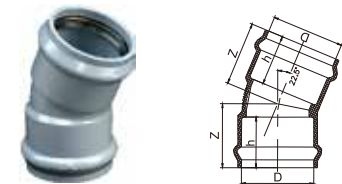
SpecD	d1	d2	H	H1	L	Φ	n
63	125	165	88	16	76	17.5	4
75	145	185	92	16	81.5	17.5	4
90	160	200	122	20.5	113.5	17.5	8
110	180	225	148.5	21	124	17.5	8
160	240	285	154	24.5	142	22	8
200	295	336	167.5	27	153	22	8
225	295	340	173.5	31	163	22	8
250	350	395	188	33	177	22	12
315	400	445	215	36.5	199	22	12
355	445-460	505	225	38	209	22	16
400	495-515	565	247.5	41.5	227.5	26	16



ITEM NO:GP018

● INSERT FLANGE

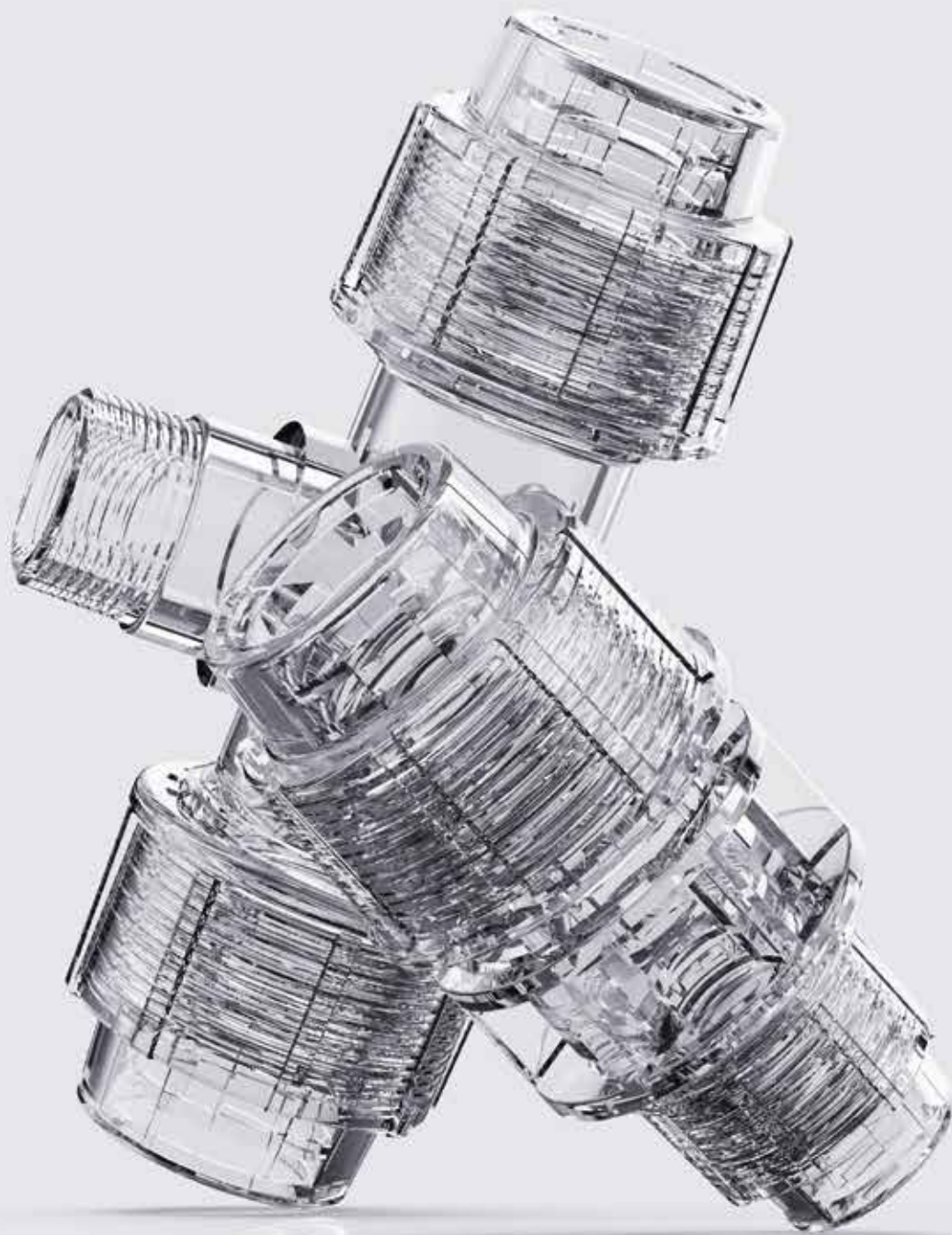
Spec D	d1	d2	H	L	L1	Φ	n
63	125	165	110	80	16	17.5	4
75	145	185	113	85	16	17.5	4
90	160	200	153	115	20	17.5	8
110	180	225	167	125	21	17.5	8
160	240	285	196	146	25	22	8
200	295	338	215	166	32	22	8
225	295	340	226.5	170	31	22	8
250	350	395	257.5	180	33	22	12
315	400	445	297.5	200	36.5	22	12
400	495-515	565	303	235	41.5	26	16



ITEM NO:GP003

● TWO FAUCET 22.5° ELBOW

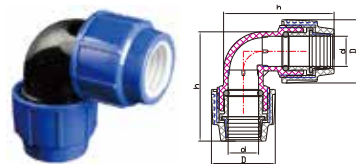
Spec D	Z	h
110	152	122
160	166	140.5
200	190	155
225	191	166
250	224	180
315	268	198



PP COMPRESSION FITTINGS

PRESSURE

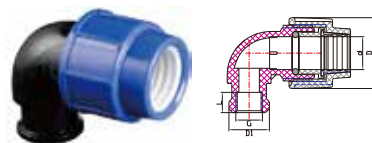
PP COMPRESSION FITTINGS VALVES&FILTERS (EN ISO15874AS/NZS4129)



ITEM NO:PT001

90° ELBOW

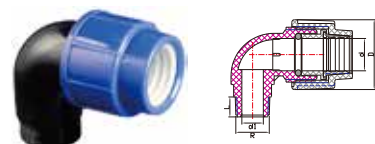
Nom Size	D	d	H
16	38	18.3	63.03
20	44	21	76
25	56	26	96
32	65	33	116
40	80	41	145
50	92	51	163
63	114	64	195
75	128	76	227
90	152	91	264
110	182	111	307



ITEM NO:PT002

FEMALE THREAD ELBOW

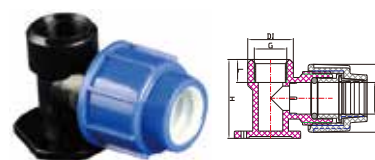
Nom Size	D	d	D1	G	L
16X1/2"	38	18.3	29.7	1/2"	16.5
20X1/2"	44	21	31.6	1/2"	16
20X3/4"	44	21	38.6	3/4"	19
25X1/2"	56	26	31.6	1/2"	16
25X3/4"	56	26	38.6	3/4"	19
32X1/2"	65	33	31.6	1/2"	16
32X3/4"	65	33	38.6	3/4"	19
32X1"	65	33	47.4	1"	22
40X3/4"	80	41	38.6	3/4"	19
40X1"	80	41	47.4	1"	22
40X1 1/4"	80	41	62.0	1 1/4"	24
40X1 1/2"	80	41	67.0	1 1/2"	24
50X1 1/4"	92	51	62.0	1 1/4"	24
50X1 1/2"	92	51	67.0	1 1/2"	24
50X2"	92	51	81.2	2"	28
63X1 1/4"	114	64	62.0	1 1/4"	24
63X1 1/2"	114	64	67.0	1 1/2"	24
63X2"	114	64	81.2	2"	28
75X2"	128	76	81.2	2"	28
75X2 1/2"	128	76	105.0	2 1/2"	33
90X3"	152	91	126.0	3"	35
90X4"	152	91	157.0	4"	40
110X4"	182	111	157.0	4"	40



ITEM NO:PT003

MALE THREAD ELBOW

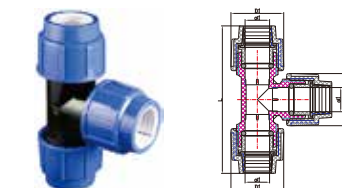
Nom Size	D	d	d1	R	L
20X1/2"	44	21	12	1/2"	14
20X3/4"	44	21	17	3/4"	16
25X1/2"	56	26	12	1/2"	14
25X3/4"	56	26	17	3/4"	16
32X1/2"	65	33	12	1/2"	14
32X3/4"	65	33	17	3/4"	16
32X1"	65	33	22	1"	19
40X1 1/4"	80	41	30	1 1/4"	21
40X1 1/2"	80	41	34	1 1/2"	21
50X1 1/4"	92	51	30	1 1/4"	21
50X1 1/2"	92	51	34	1 1/2"	21
50X2"	92	51	44	2"	26
63X1 1/4"	114	64	30	1 1/4"	21
63X1 1/2"	114	64	33	1 1/2"	21
63X2"	114	64	46	2"	26
75X2 1/2"	128	76	59	2 1/2"	30
90X3"	152	91	70	3"	33
90X4"	152	91	91	4"	38
110X4"	182	111	89	4"	38



ITEM NO:PT004

FEMALE THREAD ELBOW WITH BRACKET

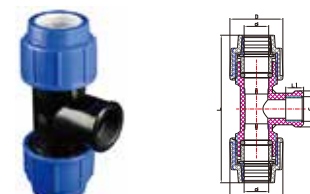
Nom Size	D	d1	L	D2	d2	H
25X3/4"	37	3/4"	19	56	26	65



ITEM NO:PT005

TEE

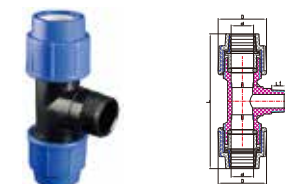
Nom Size	D	d	L
16	38	18.3	104.59
20	44	21	125
25	56	26	158
32	65	33	189
40	80	41	239
50	92	51	262
63	114	64	303
75	128	76	365
90	152	91	420
110	182	111	482



ITEM NO:PT006

FEMALE THREAD TEE

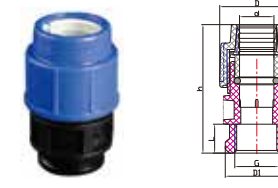
Nom Size	D	d	D1	G	L1	L
16X1/2"	38	18.3	29.7	1/2"	16.5	104.59
20X1/2"	44	21	31.6	1/2"	16	125
20X3/4"	44	21	38.6	3/4"	19	125
25X1/2"	56	26	31.6	1/2"	16	158
25X3/4"	56	26	38.6	3/4"	19	158
25X1"	56	26	47.4	1"	22	158
32X1/2"	65	33	31.6	1/2"	16	189
32X3/4"	65	33	38.6	3/4"	19	189
32X1"	65	33	47.4	1"	22	189
40X1 1/4"	80	41	62.0	1 1/4"	24	239
50X1"	92	51	47.4	1"	22	262
50X1 1/2"	92	51	67.0	1 1/2"	24	262
50X2"	92	51	81.2	2"	28	262
63X1"	114	64	47.4	1"	22	303
63X2"	114	64	81.2	2"	28	303
75X2 1/2"	128	76	105	2 1/2"	33	365
90X3"	152	91	126	3"	35	420
110X3"	182	111	126	3"	35	482
110X4"	182	111	157	4"	40	482



ITEM NO:PT007

MALE THREAD TEE

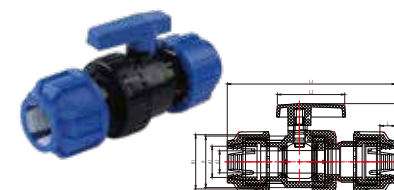
Nom Size	D	d	D1	R	L1	L
20X1/2"	44	21	12	1/2"	14	125
20X3/4"	44	21	16	3/4"	16	125
25X1/2"	56	26	12	1/2"	14	158
25X3/4"	56	26	16	3/4"	16	158
32X1/2"	65	33	12	1/2"	14	189
32X1"	65	33	22	1"	19	189
40X1 1/4"	80	41	30	1 1/4"	21	239
40X1 1/2"	80	41	34	1 1/2"	21	239
50X1 1/2"	92	51	34	1 1/2"	21	262
50X2"	92	51	46	2"	26	262
63X2"	114	64	46	2"	26	303
75X2 1/2"	128	76	59	2 1/2"	30	365
90X3"	152	91	70	3"	33	420
90X4"	152	91	89	4"	38	420
110X4"	182	111	89	4"	38	482



ITEM NO:PT008

FEMALE THREAD SOCKET

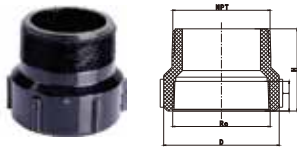
Nom Size	D	d	D1	G	L	h
16X1/2"	38	18.3	29.7	1/2"	15.8	59.29
20X1/2"	44	21	31.6	1/2"	16	75
20X3/4"	44	21	38.6	3/4"	19	78
25X1/2"	56	26	31.6	1/2"	16	92
25X3/4"	56	26	38.6	3/4"	19	95
25X1"	56	26	47.4	1"	22	98
32X3/4"	65	33	38.6	3/4"	19	107
32X1"	65	33	47.4	1"	22	110
40X1 1/4"	80	41	62	1 1/4"	24	137
50X1 1/4"	92	51	62	1 1/4"	24	151
50X1 1/2"	92	51	67	1 1/2"	24	151
50X2"	92	51	81.2	2"	28	155
63X1 1/2"	114	64	67	1 1/2"	24	161
63X2"	114	64	81.2	2"	28	165
75X2"	128	76	81.2	2"	28	188
75X2 1/2"	128	76	105	2 1/2"	33	193
75X3"	128	76	126	3"	35	195
90X2 1/2"	152	91	105	2 1/2"	33	212
90X3"	152	91	126	3"	35	214
90X4"	152	91	157	4"	40	219
110X2"	182	111	81.2	2"	28	228
110X3"	182	111	126	3"	35	235
110X4"	182	111	157	4"	40	240



ITEM NO:PT015

COMPRESSION TRUE UNION BALL VALVE

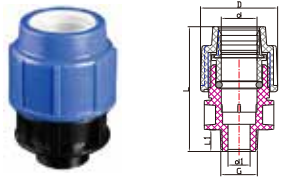
Nom Size	D	D1	d1	d2	L	L1	L2	H
20	40	42.4	21.6	15	13.5	143.6	55.5	47.4
25	48	49	26	22	16	164.82	64	56.3
32	56	59	34	24	17	183.1	73.3	63.4
40								
50								
63								



ITEM NO:PEC01

BSPT&NPT THREAD TRANSFER SOCKET

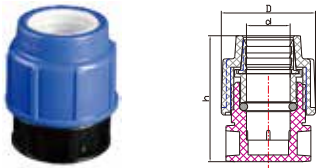
Nom Size	D	Rc	NPT	I	H
2 1/2"	90.4	2 1/2"	2 1/2"	34	87.5
3"	104.4	3"	3"	35	95.3
4"	134	4"	4"	35	97



ITEM NO:PT009

MALE THREAD SOCKET

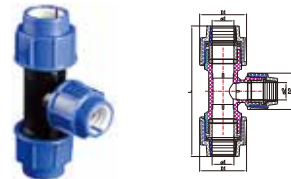
Nom Size	D	d	d1	R	L1	L
16X1/2"	38	18.3	12	1/2"	14	57.49
20X1/2"	44	21	12	1/2"	14	73
20X3/4"	44	21	16	3/4"	16	75
20X1"	44	21	22	1"	19	78
25X1/2"	56	26	12	1/2"	14	90
25X3/4"	56	26	16	3/4"	16	92
25X1"	56	26	22	1"	19	95
32X3/4"	65	33	16	3/4"	16	104
32X1"	65	33	22	1"	19	107
32X1 1/4"	65	33	30	1 1/4"	21	109
40X1"	80	41	22	1"	19	132
40X1 1/4"	80	41	30	1 1/4"	21	135
40X1 1/2"	80	41	34	1 1/2"	21	135
50X1 1/4"	92	51	30	1 1/4"	21	148
50X1 1/2"	92	51	34	1 1/2"	21	148
50X2"	92	51	46	2"	26	153
63X1 1/2"	114	64	34	1 1/2"	21	158
63X2"	114	64	46	2"	26	163
75X2"	128	76	46	2"	26	186
75X2 1/2"	128	76	59	2 1/2"	30	190
75X3"	128	76	70	3"	33	193
90X2"	152	91	46	2"	26	205
90X2 1/2"	152	91	59	2 1/2"	30	209
90X3"	152	91	70	3"	33	212
90X4"	152	91	89	4"	38	217
110X2"	182	111	46	2"	26	226
110X3"	182	111	70	3"	33	233
110X4"	182	111	89	4"	38	238



ITEM NO:PT013

END CAP

Nom Size	D	d	h
20	44	21	59
25	56	26	76
32	65	33	88
40	80	41	113
50	92	51	127
63	114	64	137
75	128	76	160
90	152	91	179
110	182	111	200



ITEM NO:PT010

REDUCING TEE

Nom Size	D1	d1	D2	d2	L
20X25	44	21	56	26	125
25X20	56	26	44	21	158
32X20	65	33	44	21	179.5
32X25	65	33	56	26	189
40X25	80	41	56	26	233
40X32	80	41	65	33	239
50X25	92	51	56	26	256.3
50X32	92	51	65	33	262
50X40	92	51	80	41	262
63X32	114	64	65	33	285.2
63X50	114	64	92	51	303
75X50	128	76	92	51	352
75X63	128	76	114	64	365
90x63	152	91	114	64	408.2
90X75	152	91	128	76	420
110X90	182	111	152	91	482



ITEM NO:PT011

REDUCING SOCKET

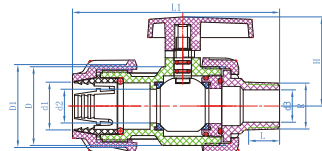
Nom Size	D1	d1	D2	d2	L
25X20	56	26	44	21	117
32X20	65	33	44	21	129
32X25	65	33	56	26	143
40X25	80	41	56	26	168
40X32	80	41	65	33	174
50X32	92	51	65	33	188
50X40	92	51	80	41	207
63X32	114	64	65	33	198
63X50	114	64	92	51	227
75X50	128	76	92	51	250
75X63	128	76	114	64	256
90X63	152	91	114	64	275
90X75	152	91	128	76	295
110X90	182	111	152	91	332



ITEM NO:PT012

SOCKET

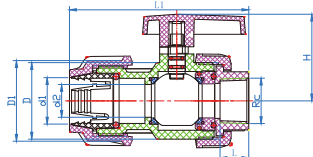
Nom Size	D	d	L
16	38	18.3	80.59
20	44	21	100
25	56	26	130
32	65	33	149
40	80	41	193
50	92	51	216
63	114	64	233
75	128	76	276
90	152	91	311
110	182	111	350



ITEM NO:PT016

PP MALE UNION VALVE

Nom Size	d1	d2	D1	D	L	L1	d3	R	H
20	21.6	15	42.4	40	16	112.7	13.5	1/2"	47.4
25	26	22	49	48	17.5	127.32	18	3/4"	56.3
32	34	24	59	56	22	22	23	1"	63.4



ITEM NO:PT017

PP FEMALE UNION VALVE

Nom Size	d1	d2	D1	D	L	L1	Rc	L
20	21.6	15	42.4	40	16	104	1/2"	47.4
25	26	22	49	48	17.5	117	3/4"	56.3
32	34	24	59	56	22	131	1"	63.4

Saddle clamps

FEATURES

Material: PP

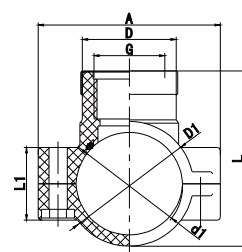
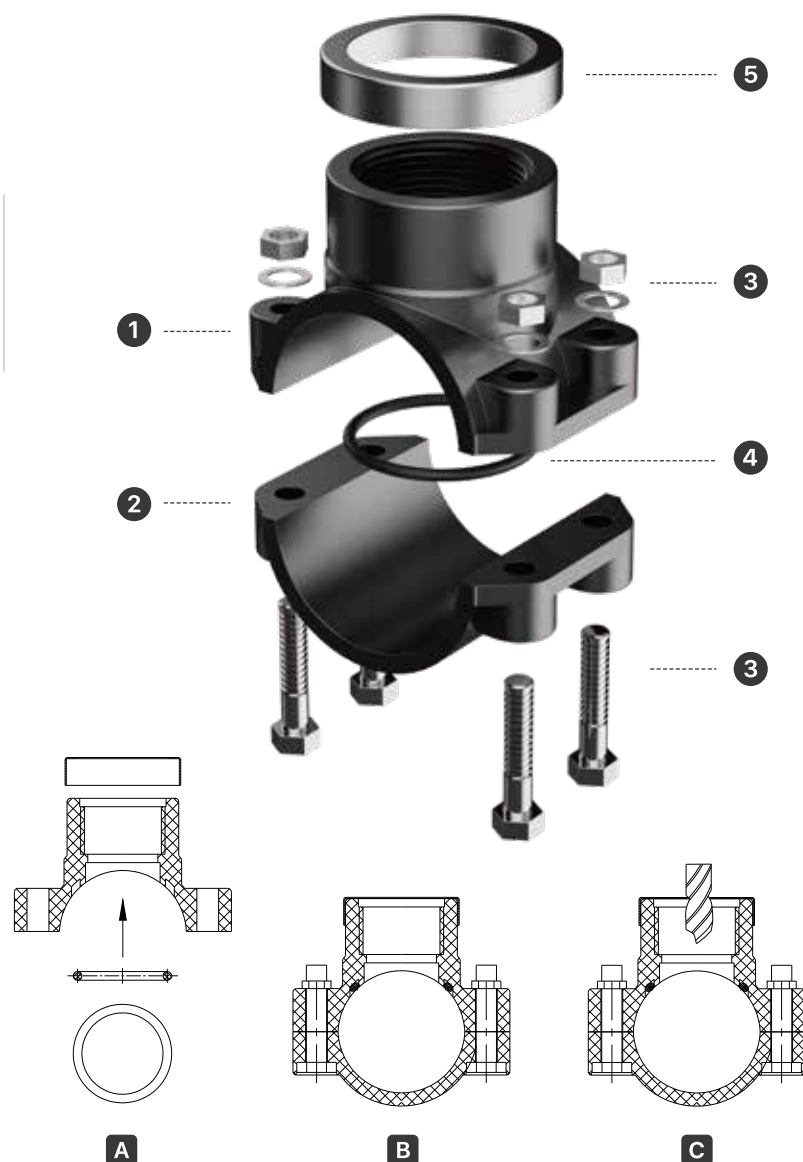
To be installed on pipes confirming to:

- PE: EN 12201 / ISO 3607 / ISO 14236 / DIN 8072 / DIN 8074 / UNI 10910
- PP: ISO 3609 / DIN 8077 / UNI 8318
- PVC-U: EN 1452-2

Fig.	Parts	Material
1	Upper Body	PP
2	Lower Body	PP
3	Bolts and Nuts	Zinc Plated Steel
4	O-Ring	NBR
5	Reinforce Ring	Stainless Steel

ASSEMBLY

- A** Clean the external surface of the pipe. Be sure that the O-Ring is in its position.
- B** Couple the upper portion of the saddle with the lower one on the pipe. Insert the bolts, screw in the nuts and tighten the bolts diagonally opposite each other.
- C** Drill a hole in the pipe wall. Do not damage the O-Ring or the pipe near the seal zone. Use the right tools.



Nom Size	D	G	D1	d1	L1	L	A	Nom Size	D	G	D1	d1	L1	L	A
25X1 1/2"	31	1 1/2"	34	25	26	50	76	90X1"	44	1"	105	90	44	126	138
25X3/4"	37	3/4"	34	25	26	52	76	90X1 1/4"	53	1 1/4"	105	90	44	129	138
32X1 1/2"	31	1 1/2"	41	32	27	51	78	90X1 1/2"	61.6	1 1/2"	105	90	44	129	138
32X3/4"	37	3/4"	41	32	27	53	78	90X2"	74	2"	105	90	44	129	138
32X1"	44	1"	41	32	27	56	84	110X1 1/2"	31	1 1/2"	126.4	110	37.2	142	158
40X1 1/2"	37	1 1/2"	50	40	32	66	85	110X3/4"	37	3/4"	126.4	110	37.2	142.2	158
40X3/4"	37	3/4"	50	40	32	68.5	85	110X1"	44	1"	126.4	110	37.0	147.2	158
40X1"	44	1"	50	40	32	71.5	85	110X1 1/2"	61.6	1 1/2"	126.4	110	37.2	148.7	158
50X1 1/2"	44	1 1/2"	60	50	34	76	85	110X1 1/4"	53	1 1/4"	126.4	110	37.2	148.7	158
50X3/4"	44	3/4"	60	50	34	78	85.5	110X2"	73.4	2"	126.3	110	37.2	147.2	158
50X1"	44	1"	60	50	34	81.4	85.5	110X3"	104	3"	126.4	110	37.2	158.7	158
50X1 1/4"	53	1 1/4"	60	50	34	85	85.5	125x1 1/2"	31	1 1/2"	142.8	125	37.2	160.2	175
63X1 1/2"	31	1 1/2"	74.2	63	36	90.2	96	125x3/4"	37	3/4"	142.8	125	37.2	160.4	175
63X3/4"	37	3/4"	74.2	63	36	92.2	100	125x1 1/2"	62	1 1/2"	142.8	125	37.2	164.4	175
63X1"	44	1"	74.2	63	36	97.0	100	125x2"	74.5	2"	142.8	125	37.2	165.2	175
63X1 1/4"	53	1 1/4"	74.2	63	36	98.2	100	140x3/4"	37	3/4"	159.2	140	37.2	178.1	192
63X1 1/2"	1.6	1 1/2"	74.2	63	36	98.2	100	140x1 1/2"	65	1 1/2"	159.2	140	37.2	184.6	192
75X1 1/2"	31	1 1/2"	89	75	45	105	100	140x2"	74.5	2"	159.2	140	37.2	188.8	192
75X3/4"	37	3/4"	89	75	45	107	117.6	160X1 1/2"	31	1 1/2"	181	160	51	200.5	211
75X1"	44	1"	90.2	75	45	108	117.6	160X1"	44	1"	181	160	51	200.5	211
75X1 1/4"	53	1 1/4"	89	75	45	110.5	117.6	160X2"	73.4	2"	181	160	51	200.5	211
75X1 1/2"	61.6	1 1/2"	89	75	45	108	117.6	160X3"	104	3"	181	160	51	212	211
75X2"	74	2"	89	75	45	112.5	117.57	200X2"	73.4	2"	222.6	200	57.6	244.9	265
90X1 1/2"	31.2	1 1/2"	105	90	44	121	117.6	200X3"	104	3"	181	200	57.6	265.2	255.3
90X3/4"	37	3/4"	105	90	44	123	138								



ITEM NO: PT014

FLANGE

Nom Size	40X1 1/2"	50X1 1/2"	50X2"	63X2"	63X2 1/2"
75X2 1/2"	75X3"	90X3"	90X4"	110X4"	



ITEM NO: PI002

IRRIGATION FILTER

Nom Size	A	L1	L2	L3
63	175	318	414	312



ITEM NO: PI003

IRRIGATION VALVE

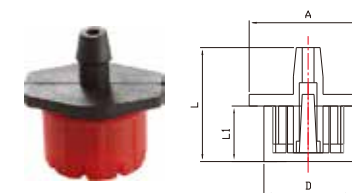
Nom Size	d	d1	A	H	L
16	12	10	29	53	96



ITEM NO: PTC01

TANK CONNECTOR

Nom Size	Rc	D	D1	L	L1	H	G
1/2"	1/2"	40	45	15	20	70	1/2"
3/4"	3/4"	44	48	17.6	25.36	76	3/4"
1"	1"	55	60	22	31.7	95	1"
1 1/4"	1 1/4"	70	75.5	27	35.6	121	1 1/4"
1 1/2"	1 1/2"	72	78	27.5	37.7	129	1 1/2"
2"	2"	86	93	31	43.7	157.5	2"
3"	3"	90	99	35	46	162	3"



ITEM NO: PI001

ADJUSTABLE DRIPPER

Nom Size	D1	A	L1	L
15		20	9.5	20.5



ITEM NO: PI004

IRRIGATION FITTING

Nom Size	d	d1	A	L
16	12	9	35	57



ITEM NO: PI005

PP IRRIGATION CAP L

Nom Size	A	L
8		11



ITEM NO: PI006

PP IRRIGATION CAP II

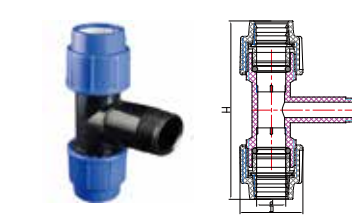
Nom Size	d	A	L
6		8.5	20



ITEM NO: PI007

IRRIGATION ROLLING FITTING

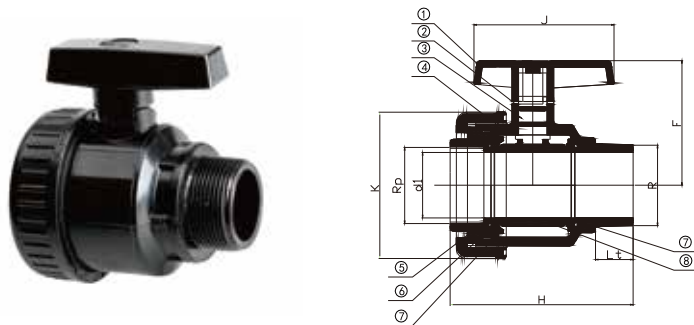
Nom Size	d	d1	A	L
16	11	7	46	118



ITEM NO: PT014

LONG MALE TEE

Nom Size	D	d	H	Rc
25X1 1/2"	56	26	158.22	1/2"



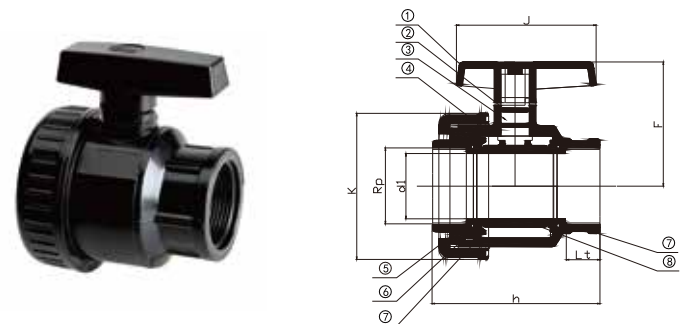
ITEM NO: UMF01

SINGLE UNION BALL VALVE M/F

NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	Handle	PVC PP	1	5	End Connector	PVC PP	1
2	Stem O-Ring	EPDM	2	6	Seal Seat	TPE	2
3	Stem	PVC PP	1	7	Carrier O Ring	EPDM	1
4	Union Nut	PVC PP	1	8	Ball	PVC PP	1

SINGLE UNION BALL VALVE M/F

Nom Size	DN	Lt	H	F	J	K	d1
3/4"X3/4"	20	16	80	58	65	59	19
1"X1"	25	17	90	67	75	67	23
1 1/4"X1 1/4"	32	21	106	76	85	79	32
1 1/2"X1 1/2"	40	24	126	83	94	93	39
2"X2"	50	26	145	101	109	114	46
2 1/2"X2 1/2"	65	28	177	127	138	144	64
3"X3"	80	35	204	143	158	168	76
4"X4"	100	37	250	169	180	210	97



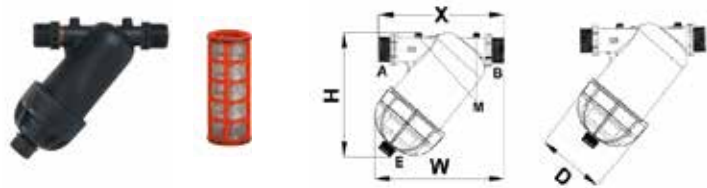
ITEM NO: UFF01

SINGLE UNION BALL VALVE F/F

NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	Handle	PVC PP	1	5	End Connector	PVC PP	1
2	Stem O-Ring	EPDM	2	6	Seal Seat	TPE	2
3	Stem	PVC PP	1	7	Carrier O Ring	EPDM	1
4	Union Nut	PVC PP	1	8	Ball	PVC PP	1

SINGLE UNION BALL VALVE M/F

Nom Size	DN	Lt	H	F	J	K	d1
3/4"X3/4"	20	20	81	58	65	59	19
1"X1"	25	22	91	67	75	67	23
1 1/4"X1 1/4"	32	25	101	76	85	79	32
1 1/2"X1 1/2"	40	25	109	83	94	93	39
2"X2"	50	29	135	101	109	114	46
2 1/2"X2 1/2"	65	36	127	138	144	144	64
3"X3"	80	36	180	143	158	168	76
4"X4"	100	49	228	169	180	210	97



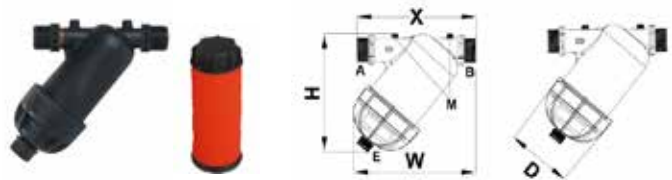
ITEM NO: FLT6001

Y SCREEN FILTER

MODEL	DIMENSIONS / mm				
	A-B	H	W	X	D
3/4"	3/4" BSP	173	185	158	83
1"	1" BSP	173	190	168	83
1 1/2" SUPER	1 1/2" BSP	246	261	252	143
2"	2" BSP	255	272	263	143

- MAXIMUM PRESSURE 8 BAR/116 PSI; MAXIMUM TEMPRETURE 60°C / 140F
- PERFORMANCE DATA

size	connector	max recommended flow		filter surface	
3/4"	3/4" BSP	5 M3/H	22 GPM	160 CM2	25 IN2
1"	1" BSP	6 M3/H	26 GPM	160 CM2	25 IN2
1 1/2"	1 1/2" BSP	20 M3/H	88 GPM	490 CM2	76 IN2
2"	2" BSP	25 M3/H	110 GPM	485 Cm2	75 In2



ITEM NO: FLT6003

Y DISC FILTER

MODEL	DIMENSIONS / mm				
	A-B	H	W	X	D
3/4"	3/4" BSP	173	185	158	83
1"	1" BSP	173	190	168	83
1 1/2" SUPER	1 1/2" BSP	246	261	252	143
2"	2" BSP	255	272	263	143

- MAXIMUM PRESSURE 8 BAR/116 PSI; MAXIMUM TEMPRETURE 60°C / 140F
- PERFORMANCE DATA

size	connector	max recommended flow		filter surface	
3/4"	3/4" BSP	5 M3/H	22 GPM	180 CM2	28 IN2
1"	1" BSP	6 M3/H	26 GPM	180 CM2	28 IN2
1 1/2"	1 1/2" BSP	20 M3/H	88 GPM	535 CM2	83 IN2
2"	2" BSP	25 M3/H	110 GPM	525 Cm2	81 In2

PP COMPRESSION FITTINGS VALVES&FILTERS (EN ISO15874AS/NZS4129)



ITEM NO: FLT6013

SCREEN FILTER

CONNECTOR	MODEL	CONNECTION			DIMENSIONS(mm)		
		A	B	C	N	W	X
2" NORMAL	2NR	BSP	BSP	BSP	597	309	133
	2NA	NPT	NPT	NPT			
	2NV	VIC	VIC	BSP			
	2NW	VIC	BSP	VIC			
2" SUPER	2SR	BSP	BSP	BSP	721	309	133
	2SA	NPT	NPT	NPT			
	2SV	VIC	VIC	BSP			
	2SW	VIC	BSP	VIC			
3" NORMAL	3NR	BSP	BSP	BSP	623	34	160
	3NA	NPT	NPT	NPT			
	3NV	VIC	VIC	BSP			
	3NW	VIC	BSP	VIC			
3" SUPER	3SR	BSP	BSP	BSP	747	340	160
	3SA	NPT	NPT	NPT			
	3SV	VIC	VIC	BSP			
	3SW	VIC	BSP	VIC			

PH>4 MAXIMUM PRESSURE 10 BAR/145 PSI; MAXIMUM TEMPRETURE 60°C / 140F

PERFORMANCE DATA

size	connector	max recommended flow		filter surface	
2"	2" BSP	30 M3/H	132 GPM	815 CM2	126 IN2
2"super size	2" BSP	30 M3/H	132 GPM	1087 CM2	169 IN2
3"	3" BSP	30 M3/H	132 GPM	1087 CM2	169 IN2
3"super size	3" BSP	50 M3/H	220 GPM	1087 Cm2	169 In2



ITEM NO: FLT6014

DISC FILTER

CONNECTOR	MODEL	CONNECTION			DIMENSIONS(mm)		
		A	B	C	N	W	X
2" NORMAL	2NR	BSP	BSP	BSP	597	309	133
	2NA	NPT	NPT	NPT			
	2NV	VIC	VIC	BSP			
	2NW	VIC	BSP	VIC			
2" SUPER	2SR	BSP	BSP	BSP	721	309	133
	2SA	NPT	NPT	NPT			
	2SV	VIC	VIC	BSP			
	2SW	VIC	BSP	VIC			
3" NORMAL	3NR	BSP	BSP	BSP	623	34	160
	3NA	NPT	NPT	NPT			
	3NV	VIC	VIC	BSP			
	3NW	VIC	BSP	VIC			
3" SUPER	3SR	BSP	BSP	BSP	747	340	160
	3SA	NPT	NPT	NPT			
	3SV	VIC	VIC	BSP			
	3SW	VIC	BSP	VIC			

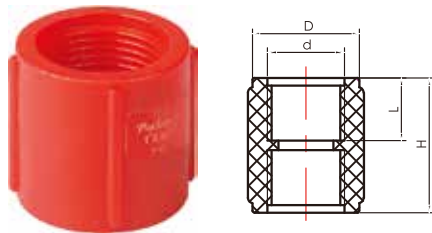
PH>4 MAXIMUM PRESSURE 10 BAR/145 PSI; MAXIMUM TEMPRETURE 60°C / 140F

PERFORMANCE DATA

size	connector	max recommended flow		filter surface	
2"	2" BSP	30 M3/H	132 GPM	1198 CM2	186 IN2
2"super size	2" BSP	30 M3/H	132 GPM	1699 CM2	263 IN2
3"	3" BSP	30 M3/H	132 GPM	1699 CM2	263 IN2
3"super size	3" BSP	50 M3/H	220 GPM	1699 Cm2	263 In2

PP THREAD FITTINGS

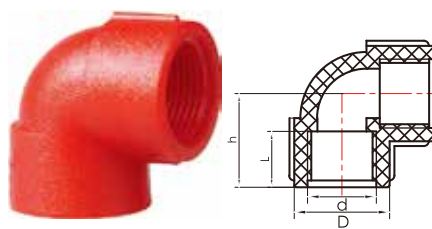
ITEM NO : PEX 001



COUPLING

Size Nom	D	d	L	H
1/2"	29	G1/2"	17	36.5
3/4"	35	G3/4"	17	36.5
1"	43	G1"	20	42

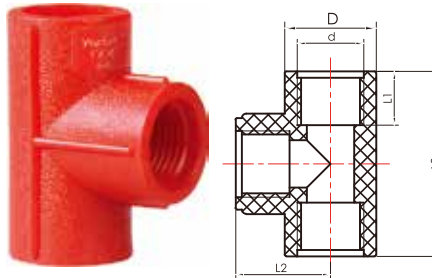
ITEM NO : PEX 002



90° ELBOW

Size Nom	D	d	L	h
1/2"	29	G1/2"	17	28.5
3/4"	35	G3/4"	17	34.3
1"	43	G1"	20	38.5

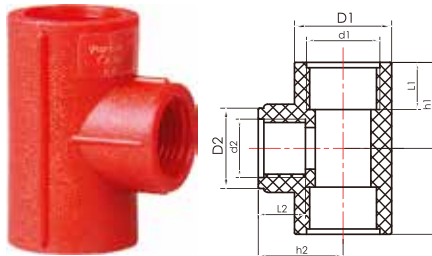
ITEM NO : PEX 003



TEE

	D	d	L1	L2	L3
1/2"	29	G1/2"	17	30	58.5
3/4"	35	G3/4"	17	31.5	62
1"	43	G1"	20	37.5	75

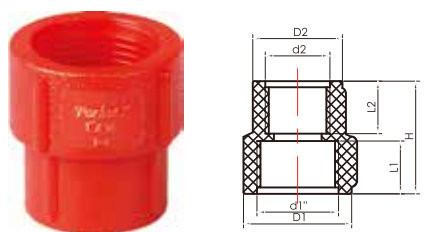
ITEM NO : PEX 004



REDUCING TEE

	D1	d1	L1	h1	D2	d2	L2	h2	H
1/2"X3/4"	35	G3/4"	17	31	29	G1/2"	17	30.6	62
1"X1/2"	43	G1"	20	37.5	29	G1/2"	17	34	75
1"X3/4"	43	G1"	20	37.5	35	G3/4"	17	34	75

ITEM NO : PEX 005

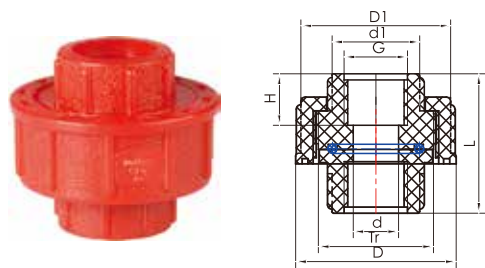


REDUCING COUPLING

	D1	d1	L1	D2	d2	L2	H
1/2"X3/4"	35	G3/4"	17	29	G1/2"	17	36.4
1"X1/2"	43	G1"	20	29	G1/2"	17	39
1"X3/4"	43	G1"	20	35	G3/4"	17	39.3

PP THREAD FITTINGS

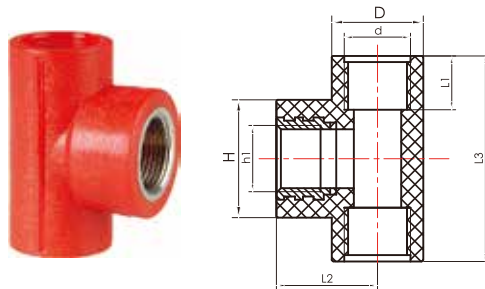
ITEM NO : PEX 006



UNION

	D1	d1	G	H	d	Tr	D	L
1/2"	49.5	29	20.96	17	15	38	53	46
3/4"	55.4	35	26	16	20	47	59.8	55
1"	65.5	43	33.24	20	25	55	70.8	62.3

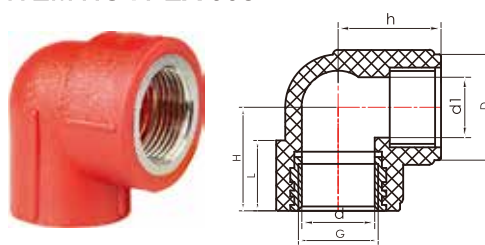
ITEM NO : PEX 007



FEMALE THREAD TEE

	D	d	L1	L2	L3	H	h1
1/2"	29	G1/2"	17	32	65	37.2	G1/2"
3/4"	35	G3/4"	17	35.5	70.8	43	G3/4"
1"	43	G1"	20	41.5	85	52	G1"

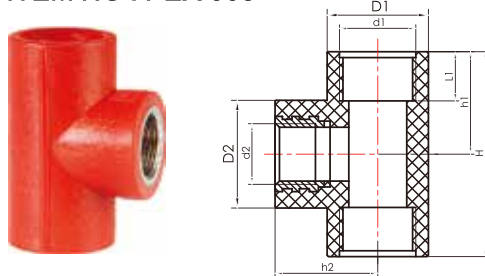
ITEM NO : PEX 008



FEMALE THREAD ELBOW

	D	G	d	d1	L	h	H
1/2"	29.5	G1/2"	18.64	15	23	31.95	31.5
3/4"	35	G3/4"	24.12	20	17	34.3	34.3
1"	43	G1"	30.3	25	26.4	40.5	40.1

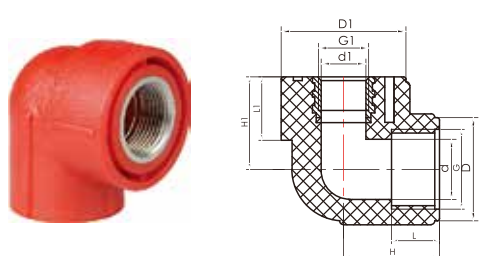
ITEM NO : PEX 009



REDUCER FEMALE THREAD TEE

	D1	d1	L1	h1	D2	d2	h2	H
1/2" X3/4"	35	G3/4"	17	35.4	37.2	G1/2"	35.5	70.8
1" X1/2"	43	G1"	20	42.5	37.2	G1/2"	37.5	85
1" X3/4"	43	G1"	20	42.5	43	G3/4"	37.5	85

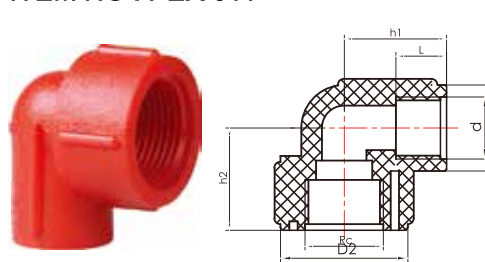
ITEM NO : PEX 010



REDUCER FEMALE THREAD ELBOW

Size Nom	D	G	G1	d	L	H	L1	H1	D1	d1
3/4" X1/2"	35	G3/4"	G1/2"	20	17	35.8	23.3	34.3	41	18.64
1" X1/2"	43	G1"	G1/2"	25	20	40	26.4	38.5	52	18.64
1" X3/4"	43	G1"	G3/4"	25	20	40	40.5	38.5	52	24.12

ITEM NO : PEX 011



REDUCER ELBOW

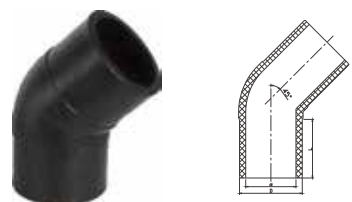
	D1	D2	d	L	h1	h2	Rc
1/2" X3/4"	29	43	G3/4"	17	34.5	34.5	G1/2"
1" X1/2"	29	43	G1/2"	17	34.5	34.5	G1"



PE PIPES&FITTINGS

PRESSURE

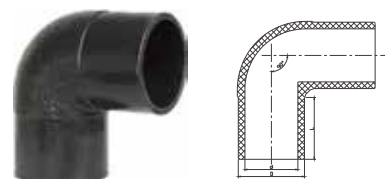
BUTT WELDING PE FITTING



ITEM NO: PEBW001

45° ELBOW

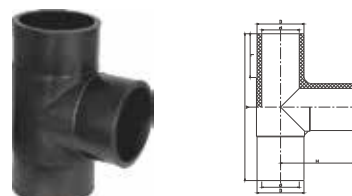
SIZE (mm)					
75	90	110	125	160	200
225	250	280	315	355	400
450	500	560	630	355	400



ITEM NO: PEBW002

90° ELBOW

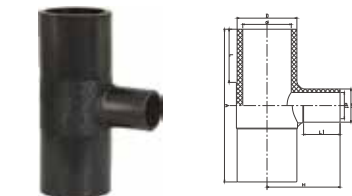
SIZE (mm)					
63	75	90	110	125	140
160	180	200	225	250	280
315	355	400	500	630	



ITEM NO: PEBW003

TEE

SIZE (mm)					
63	75	90	110	125	140
160	180	200	225	250	280
315	355	400	500	630	



ITEM NO: PESW004

REDUCING TEE

SIZE (mm)					
63X50	75X50	75X63	90X50	90X63	90X75
110X50	110X63	110X75	110X90	125X50	125X63
125X75	125X90	125X110	140X63	140X75	140X90
140X110	140X125	160X50	160X63	160X75	160X110
180X110	180X125	180X140	180X160	200X63	200X75
200X90	200X110	200X160	225X110	225X160	225X200
250X110	250X160	250X200	280X110	280X160	280X200
280X250	315X110	315X160	315X200	315X225	315X250
355X160	355X200	355X250	355X280	355X315	400X110
400X160	400X200	400X250	400X315	450X315	450X400
500X110	500X160	500X200	500X250	500X315	500X400
630X110	630X160	630X200	630X250	630X315	630X400
630X500					



ITEM NO: PEBW005

END CAP

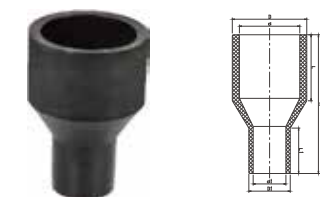
SIZE (mm)					
75	90	110	125	140	160
180	200	225	250	280	315
355	400	450	500	560	630



ITEM NO: PEBW007

FLANGE

SIZE (mm)					
50	63	75	90	110	125
140	160	180	200	225	250
280	315	355	400	450	500
560	630	710	800	900	1000



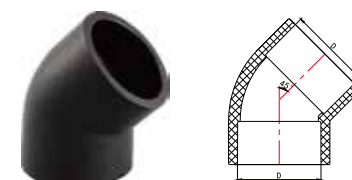
ITEM NO: PEBW006

REDUCING SOCKET

SIZE (mm)					
75X63	90X50	90X63	90X75	110X50	110X63
110X75	110X90	125X75	125X90	125X110	160X63
160X75	160X90	160X110	160X125	180X90	180X140
200X90	200X110	200X160	225X110	225X160	225X200
250X110	250X160	250X200	315X110	315X160	315X200
315X250	400X315	500X400	630X500		



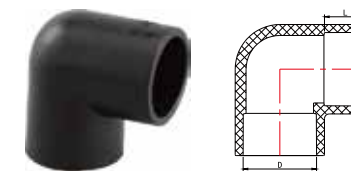
SOCKET WELDING PE FITTING



ITEM NO: PESW001

45° ELBOW

SIZE (mm)					
20	25	32	40	50	63



ITEM NO: PESW002

90° ELBOW

SIZE (mm)					
20	25	32	40	50	63



ITEM NO: PESW003

TEE

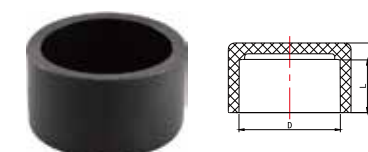
SIZE (mm)					
20	25	32	40	50	63



ITEM NO: PESW004

REDUCING TEE

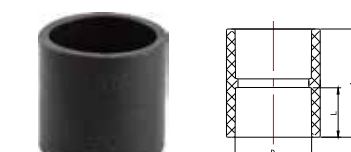
SIZE (mm)					
25X20	32X20	32X25	40X20	40X25	40X32
50X20	50X25	50X32	50X40	63X20	63X25
63X32	63X40	63X50			



ITEM NO: PESW005

END CAP

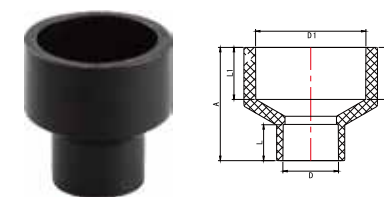
SIZE (mm)					
20	25	32	40	50	63



ITEM NO: PESW006

SOCKET

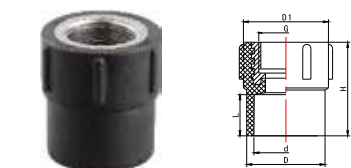
SIZE (mm)					
20	25	32	40	50	63



ITEM NO: PESW007

REDUCING SOCKET

SIZE (mm)					
25X20	32X20	32X25	40X20	40X25	40X32
50X20	50X25	50X32	50X40	63X20	63X25
63X32	63X40	63X50			

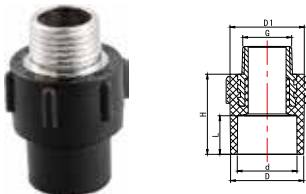


ITEM NO: PESW008

FEMALE SOCKET

SIZE (mm)					
20X1/2"	25X1/2"	25X3/4"	32X1/2"	32X3/4"	32X1"
40X1 1/4"	40X1 1/2"	50X1 1/2"	63X2"		

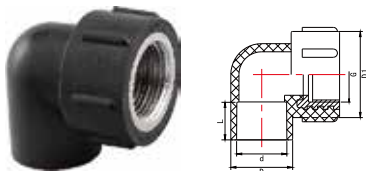
SOCKET WELDING PE FITTING



ITEM NO:PESW009

MALE SOCKET

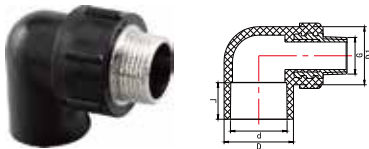
SIZE (mm)					
20X1/2"	25X1/2"	25X3/4"	32X1/2"	32X3/4"	32X1"
40X1 1/4"	40X1 1/2"	50X1 1/2"	63X2"		



ITEM NO:PESW010

FEMALE ELBOW

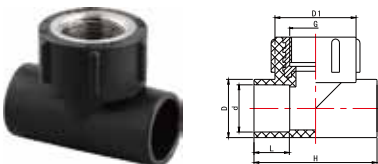
SIZE (mm)					
20X1/2"	25X1/2"	25X3/4"	32X1/2"	32X3/4"	32X1"



ITEM NO:PESW011

MALE ELBOW

SIZE (mm)					
20X1/2"	25X1/2"	25X3/4"	32X1/2"	32X3/4"	32X1"



ITEM NO:PESW012

FEMALE TEE

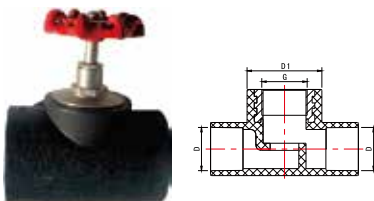
SIZE (mm)					
20X1/2"	25X1/2"	25X3/4"	32X1/2"	32X3/4"	32X1"



ITEM NO:PESW013

MALE TEE

SIZE (mm)					
20X1/2"	25X1/2"	25X3/4"	32X1/2"	32X3/4"	32X1"



ITEM NO:PESW014

STOP VALVE

SIZE (mm)					
20	25	32	40	50	63



PE
ELECTROFUSION
FITTINGS

WATER&GAS

ELECTROFUSION FITTING SERIES



ITEM NO: PEGP001



ITEM NO: PEGP002

PE PIPE FOR GAS SUPPLY

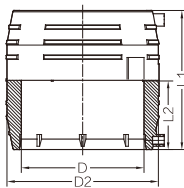
Nominal OD (mm)	Minimum wall thickness (mm)		
	SDR11	SDR17	SDR17.6
20	3.0	2.3	2.3
25	3.0	2.3	2.3
32	3.0	2.3	2.3
40	3.7	2.4	2.3
50	4.6	3.0	2.9
63	5.8	3.8	3.6
75	6.8	4.5	4.3
90	8.2	5.4	5.2
110	10.0	6.6	6.3
125	11.4	7.4	7.1
140	12.7	8.3	8.0
160	14.6	9.5	9.1
180	16.4	10.7	10.3
200	18.2	11.9	11.4
225	20.5	13.4	12.8
250	22.7	14.8	14.2
280	25.4	16.6	15.9
315	28.6	18.7	17.9
355	32.2	21.1	20.2
400	36.3	23.7	22.8
450	40.9	26.7	25.6
500	45.4	29.7	28.4
560	50.8	33.2	31.9
630	57.2	37.4	35.8

PE PIPE FOR WATER SUPPLY

Nominal OD (mm)	Minimum wall thickness (mm)				
	SDR9	SDR11	SDR13.6	SDR17	SDR21
20	2.3	2.0			
25	3.0	2.3	2.0		
32	3.6	3.0	2.4	2.0	
40	4.5	3.7	3.0	2.4	2.0
50	5.6	4.6	3.7	3.0	2.4
63	7.1	5.8	4.7	3.8	3.0
75	8.4	6.8	5.6	4.5	3.6
90	10.1	8.2	6.7	5.4	4.3
110	12.3	10.0	8.1	6.6	5.3
125	14.0	11.4	9.2	7.4	6.0
140	15.7	12.7	10.3	8.3	6.7
160	17.9	14.6	11.8	9.5	7.7
180	20.1	16.4	13.3	10.7	8.6
200	22.4	18.2	14.7	11.9	9.6
225	25.2	20.5	16.6	13.4	10.8
250	27.9	22.7	18.4	14.8	11.9
280	31.3	25.4	20.6	16.6	13.4
315	35.2	28.6	23.2	18.7	15.0
355	39.7	32.2	26.4	21.1	16.9
400	44.7	36.3	29.4	23.7	19.1
450	50.3	40.9	33.1	26.7	21.5
500	55.8	45.4	36.8	29.7	23.9
560	62.5	50.8	41.2	33.2	26.7
630	70.3	57.2	46.3	37.4	30.0
710	79.3	64.5	52.2	42.1	33.9
800	89.3	72.6	58.8	47.4	38.1
900		81.7	66.1	53.3	42.9
1000		90.8	73.5	59.3	47.7
1200			88.2	71.1	57.2



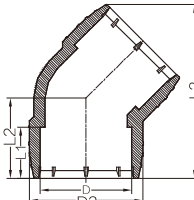
ELECTROFUSION FITTING SERIES



ITEM NO: PEEF001

COUPLER

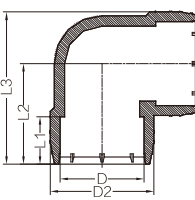
Size	D2	L1	L2
20	31	80	39.5
25	36	81	40
32	43	87	43
40	52	87	43
50	63	87	43
63	79	114	56
75	96	126	62
90	113	135	66.5
110	138	151	74.5
125	157	172	85
160	200	184	91
180	225	191	94.5
200	250	223	110.5
225	278	235	116.5
250	312	248	123
280	348	262	130
315	392	285	141.5
400	499	328	163
500	617	364	181



ITEM NO: PEEF003

45° ELBOW

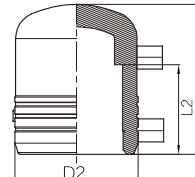
Size	D2	L1	L2	L3
20	31	39.5	50	94.3
25	36	40	51	98
32	43	43	55	107
40	52	43	57	114.5
50	63	43	59	121.6
63	79	56	81	164
75	96	62	88	181
90	113	66.5	96	199
110	138	74.5	109	230
125	157	85	128	268.5
160	200	91	142.5	307.8
180	225	94.5	155	336.3
200	250	110.5	177	382.7



ITEM NO: PEEF002

90° ELBOW

Size	D2	L1	L2	L3
20	31	39.5	56	70.8
25	36	40	58	75.8
32	43	43	65	76.4
40	52	43	70	96
50	63	43	75	106.5
63	79	56	97	136.5
75	96	62	112	160
90	113	66.5	124	180.3
110	138	74.5	145	214
125	157	85	165	243.2
160	200	91	194	294
180	225	94.5	210	322.6
200	250	110.5	240	365.6

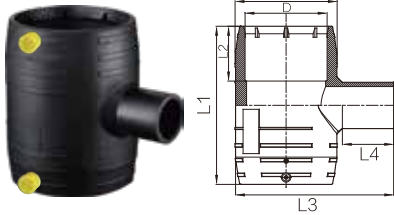


ITEM NO: PEEF012

END CAP

Size	D2	L1	L2
20	31	68	39.5
25	36	68	40
32	43	68	43
40	52	68	43
50	63	76	43
63	79	88	56
75	96	105.6	62
90	113	111	66.5
110	138	132	74.5
125	157	158.4	85
160	200	168	91
200	250	201.6	110.5

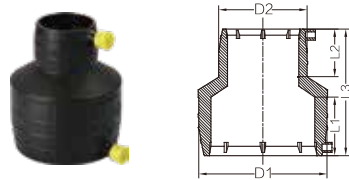
ELECTROFUSION FITTING SERIES



ITEM NO:PEEF005

REDUCING TEE

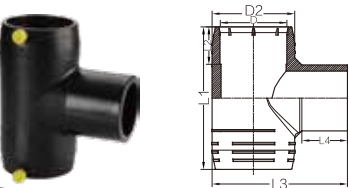
Size	D2	L1	L2	L3	L4
25X20	36	102	40	85.2	45
32X20	43	108	43	92.3	45
32X25	43	113	43	92.3	45
40X20	52	108	43	101.4	45
40X25	52	113	43	101.4	45
40X32	52	120	43	106.4	50
50X20	63	108	43	112.4	45
50X25	63	113	43	112.4	45
50X32	63	120	43	117.4	50
50X40	63	128	43	122.4	55
63X20	79	135	56	128.5	45
63X25	79	140	56	128.5	56
63X32	79	147	56	133.5	50
63X40	79	155	56	138.5	55
63X50	79	165	56	144.5	60
75X63	100.5	202	62	183.2	75
90X32	113	168	66.5	167	50
90X40	113	176	66.5	172	55
90X50	113	186	66.5	178	60
90X63	113	199	66.5	190.5	70
110X32	138	184	74.5	192.2	50
110X40	138	192	74.5	197.2	55
110X50	138	202	74.5	203	60
110X63	138	215	74.5	215.7	70
110X75	138	227	74.5	221	75
110X90	138	242	74.5	232	85
125X63	156	236	85	235	70
125X75	156	248	85	240	75
125X90	156	263	85	251	85
125X110	156	283	85	259	90
160X63	200	248	91	278	70
160X90	200	2.75	91	295	85
160X110	200	295	91	303	90
200X63	250	315	110.5	329	70
200X90	250	315	110.5	345	85
200X110	250	38.5	110.5	353	90
200X160	250	38.5	110.5	378	110



ITEM NO:PEEF006

REDUCER

Size	D1	D2	L1	L2	L3
25X20	36	31	40	39.5	85.5
32X25	43	36	43	40	90
32X20	43	31	43	39.5	90.5
40X32	52	43	43	43	94
40X25	52	36	43	40	95
40X20	52	31	43	39.5	98.5
50X40	63	52	43	43	95.5
50X32	63	43	43	43	101
63X50	79	63	56	43	111.5
63X40	79	52	56	43	112.5
63X32	79	43	56	43	115.5
75X63	96	79	62	56	135
75X50	96	63	62	43	126.5
90X63	113	79	66.5	56	144.5
90X50	113	63	66.5	43	131.5
90X40	113	52	66.5	43	133.5
110X90	138	113	74.5	66.5	162
110X63	138	79	74.5	56	153.5
110X50	138	63	75.5	43	143.5
125X110	157	138	85	74.5	180.5
160X110	200	138	91	74.5	197.5
160X90	200	113	91	66.5	191.5
160X63	200	79	91	56	190
200X160	250	200	110.5	91	236.5
200X110	250	138	110.5	74.5	225
200X90	250	113	110.5	66.5	224.3



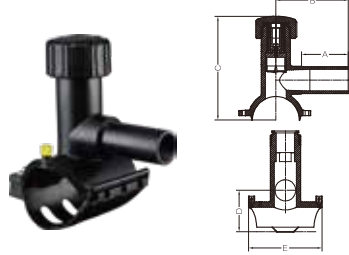
ITEM NO:PEEF004

EQUAL TEE

Size	D2	L1	L2	L3	L4
20	31	100	39.5	80.2	45
25	36	107	40	85.2	45
32	43	120	43	97.3	50
40	52	128	43	111.4	55
50	63	138	43	128.4	60
63	79	178	56	157	70
75	96	202	62	179.6	75
90	113	226	66.5	207	85
110	138	262	74.5	240	90
125	156	298	85	262	90
160	200	345	91	328	110
200	250	425	110.5	390	120



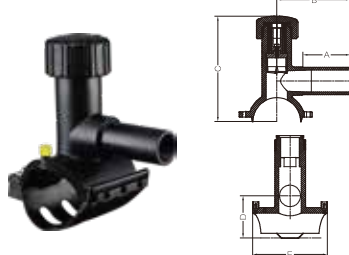
ELECTROFUSION FITTING SERIES



ITEM NO:PEEF008

TAPPING TEE

Size	A	B	C	D	E
40x20	62	110	120.2	52.2	88
40x25	65	110	120.2	52.2	88
40x32	68	110	120.2	52.2	88
63x20	62	128.2	183	64	136
63x25	65	128.2	183	64	136
63x32	68	128.2	183	64	136
63x40	71	121	183	64	136
63x50	100	143.5	203	74	136
63x63	93.5	143.5	203	74	136
75X20	62	128.2	193	70.9	165.6
75X25	65	128.2	193	70.9	165.6
75X32	68	128.2	193	70.9	165.5
75X40	71	212	193	70.9	165.5
90x20	62	128.2	196	77.3	165.4
90x25	65	128.2	196	77.3	165.4
90x32	68	128.2	196	77.3	165.4
90x40	71	121	196	77.3	165.4
90x50	100	160	238.3	88.5	165.4
90x63	93.5	160	238.3	88.5	165.4
110x20	62	128.2	206	87	165.2
110x25	65	128.2	206	87	165.2
110x32	68	128.2	206	87	165.2
110x40	71	121	206	87	165.2
110x50	100	160	243.3	93.5	165.2
110x63	93.5	160	243.3	93.5	165.2
110x90	85	160	251.5	112.2	195.2
125x20	62	138.2	213.7	94.7	167
125x25	65	138.2	213.7	94.7	167
125x32	68	138.2	213.7	94.7	167
125x40	71	131	213.7	94.7	167
125x50	100	160	251	101.2	167
125x63	93.5	160	251	101.2	167
160x20	62	138.2	231.3	112.3	170.1
160x25	65	138.2	231.3	112.3	170.1
160x32	68	138.2	231.3	112.3	170.1
160x40	71	131	231.3	112.3	170.1
160x50	100	160	268.5	118.8	170.1
160x63	93.5	160	268.5	118.8	170.1
160x90	85	160	276.8	137.3	260.2
160x110	90	180	302.7	150.8	260.2
180x20	62	138.2	241.4	122.3	170.4
180x25	65	138.2	241.4	122.3	170.4
180x32	68	138.2	241.4	122.3	170.4
180x40	71	131	241.4	122.3	170.4

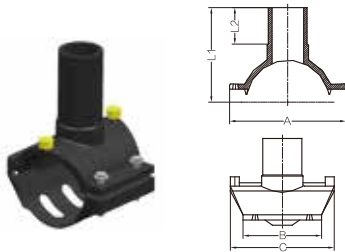


ITEM NO:PEEF008

TAPPING TEE

Size	A	B	C	D	E
180x50	100	170	251	128.8	170
180x63	93.5	170	251	128.8	170
200x20	62	138.2	257.4	138.3	170.8
200x25	65	138.2	257.4	138.3	170.8
200x32	68	138.2	257.4	138.3	170.8
200x40	71	131	257.4	138.3	170.8
200x50	100	170	289.6	139.8	170.8
200x63	93.5	170	289.6	139.8	170.8
200x90	85	160	297.8	158.3	260.4
200x110	90	180	332.7	171.8	260.4
225x20	62	138.2	270.6	151.5	170.9
225x25	65	138.2	270.6	151.5	170.9
225x32	68	138.2	270.6	151.5	170.9
225x40	71	131	270.6	151.5	170.9
225x50	100	170	307.8	158	170.9
225x63	93.5	170	307.8	158	170.9
225x90	85	160	309	171.9	260.8
225x110	90	180	337.3	185.4	260.8
250x20	62	176.4	323.3	176.5	263.9
250x25	65	178.6	323.3	176.5	263.9
250x32	68	179.2	323.3	176.5	263.9
250x40	71	175.3	323.3	176.5	263.9
250x50	100	170	323.3	176.5	263.9
250x63	93.5	170	323.3	176.5	263.9
250x90	85	160	324.6	187.4	264.9
250x110	90	180	350.3	198.4	264.9
280x20	62	176.4	338.3	191.5	264.2
280x25	65	178.6	338.3	191.5	264.2
280x32	68	179.2	338.3	191.5	264.2
280x40	71	175.3	338.3	191.5	264.2
280x50	100	170	338.3	191.5	264.2
280x63	93.5	170	338.3	191.5	264.2
280x90	85	160	342	202.5	264.6
280x110	90	180	363.4	213.5	264.6
315x20	62	176.4	355.8	209	265.6
315x25	65	178.6	355.8	209	265.6
315x32	68	179.2	355.8	209	265.6
315x40	71	175.3	355.8	209	265.6
315x50	100	170	355.8	209	265.6
315x63	93.5	170	355.8	209	265.6
315x90	85	160	359	219.5	265.2
315x110	90	180	382.4	230.5	265.2
315x160	110	225	429	248	338

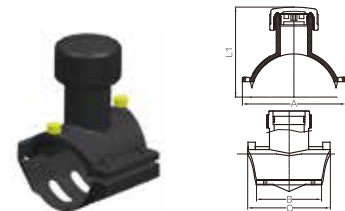
ELECTROFUSION FITTING SERIES



ITEM NO: PEEF009

BRANCH SADDLE

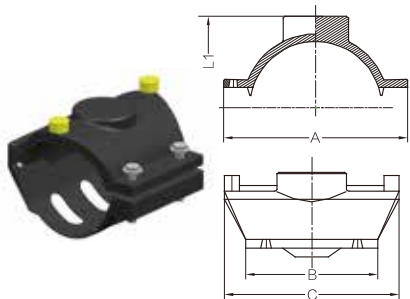
Size	L1	L2	A	B	
63x32	183	50	136	128	100
63x40	183	55	136	128	100
63x63	203	70	136	128	100
90x32	196	50	165.4	158.1	121.9
90x50	238.3	60	165.4	158.1	121.9
90x63	238.3	70	165.4	158.1	121.9
110x32	206	50	165.2	169.3	120
110x63	243.3	70	165.2	172.3	120
110x90	251.5	85	195.2	173.3	120
125x32	213.7	50	167	188.3	120
125x50	251	60	167	188.3	120
125x63	251	70	167	188.3	120
160x63	268.5	70	170.1	223.3	120
160x90	276.8	85	260.2	250.3	210
160x110	302.7	90	260.2	250.3	210
200x63	289.6	70	170.8	265.3	120
200x90	297.8	85	260.4	286.3	200
250x63	323.3	70	263.9	332.3	200
250x90	324.6	85	264.9	332.3	200



ITEM NO: PEEF010

STOPPER SADDLE

Size	L1	A	B	C
90X20	155	158.1	131.2	165.3
110X20	165	168.3	128.7	165.3
110x63	243.3	165.2	170.3	120
160x90	276.8	260.2	250.3	210
200x90	297.8	260.4	286.3	200
200x110	332.7	260.4	286.3	200
200x160	332.7	260.4	286.3	200
225x90	309	260.8	307.3	200
225x110	337.3	260.8	307.3	200
225x160	337.3	260.8	307.3	200
250x90	324.6	264.9	332.3	200
250x110	350.3	264.9	332.3	200
250x160	350.3	264.9	332.3	200
315x90	359	265.2	378.3	200
315x110	382.4	265.2	378.3	200
315x160	429	338	376	280



ITEM NO: PEEF011

REPAIR SADDLE

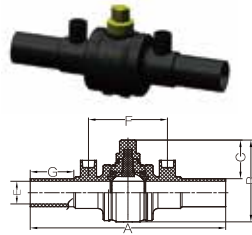
Size	L1	A	B	C
40	40	68	73	88
50	50	85	75	88
63	60	128	100	136
90	65	158.1	121.9	77.3
110	80	165.2	170.3	120
125	90	188.3	120	167
160	95	260.2	250.3	210
200	110	260.4	286.3	200
225	120	260.8	307.3	200
250	130	264.9	332.3	200
315	150	265.2	378.3	200



PE
BALL VALVES

WATER&GAS

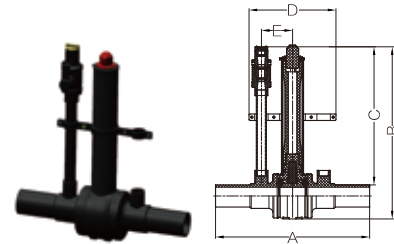
BALL VALVE SERIES



ITEM NO:PEBV01

STANDARD BALL VALVE

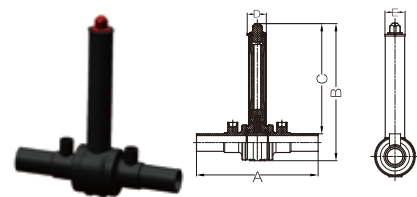
Size	A	B	C	E	F	G
63	656	241.9	138.9	50.7	311.4	130
90	729.2	279.8	142.8	72.6	311.4	160
110	770	321.3	151.6	89.2	311.4	171.5
125	770	321.3	144.3	100.9	311.4	178.5
160	812	426.8	180	129.2	405	160
180	812	426.8	170	147.2	405	160
200	920.4	577.9	277.4	161.6	514.4	154
225	934.4	577.9	246.9	181.8	514.4	161
250	910.4	627.9	277.4	202.1	514.4	161
280	910.4	627.9	262.4	226.5	514.4	151
315	948.4	703.3	285.4	254.8	514.4	163.5
355	983.4	748.9	285.4	287	514.4	188
400	1065	750.9	262.9	323.4	514.4	222.5



ITEM NO:PEBV03

VALVE WITH SINGLE PURGE

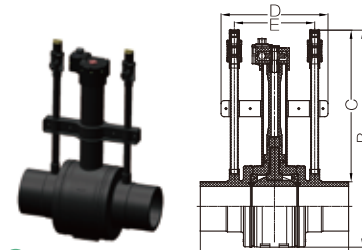
Size	A	B	C	D	E
63	656	779.7	680.7	434.4	155.7
90	729.2	825	688.6	434.4	155.7
110	770	887	697.4	434.4	155.7
125	770	972.6	725.9	434.4	155.7
160	812	972.6	715.9	528	202.5
180	812	1207	906.5	528	202.5
200	920.4	1207	894	684.4	257.2
225	934.4	1207	906.5	684.4	257.2
250	910.4	1257	906.5	684.4	257.2
280	910.4	1257	891.5	684.4	257.2
315	948.4	1332.4	914.5	684.4	257.2
355	983.4	1378	914.5	684.4	257.2
400	1065	1380	892	684.4	257.2



ITEM NO:PEBV02

VALVE WITH EXTENDED STERN

Size	A	B	C	D	E
63	656	779.7	680.7	121	114
90	729.2	825	688.6	121	114
110	770	887	697.4	121	114
125	770	972.6	725.9	121	114
160	812	972.6	715.9	121	114
180	812	1207	906.5	121	114
200	920.4	1207	894	238	280
225	934.4	1207	906.5	238	280
250	910.4	1257	906.5	238	280
280	910.4	1257	891.5	238	280
315	948.4	1332.4	914.5	238	280
355	983.4	1378	914.5	238	280
400	1065	1380	892	238	280



ITEM NO:PEBV04

VALVE WITH DOUBLE PURGE

Size	A	B	C	D	E
63	656	779.7	680.7	434.4	311.4
90	729.2	825	688.6	434.4	311.4
110	770	887	697.4	434.4	311.4
125	770	972.6	725.9	434.4	311.4
160	812	972.6	715.9	528	405
180	812	1207	906.5	528	405
200	920.4	1207	894	684.4	514.4
225	934.4	1207	906.5	684.4	514.4
250	910.4	1257	906.5	684.4	514.4
280	910.4	1257	891.5	684.4	514.4
315	948.4	1332.4	914.5	684.4	514.4
355	983.4	1378	914.5	684.4	514.4
400	1065	1380	892	684.4	514.4

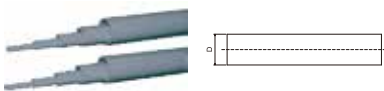


CPVC PRESSURE PIPES & FITTINGS

PRESSURE FOR HOT AND COLD

CPVC SCH80 PIPES & FITTINGS

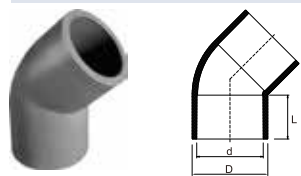
ASTM F439



ITEM NO:CPSP01

PRESSURE PIPES

Nom Size	Outer Dia	Wall Thickness
1/2"	21.34	3.73
3/4"	26.67	3.91
1"	33.4	4.55
1 1/4"	42.16	4.85
1 1/2"	48.26	5.08
2"	60.33	5.54
2 1/2"	73.03	7.01
3"	88.9	7.62
4"	114.3	8.56
6"	168.3	10.97

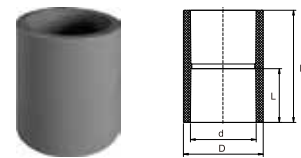


NSF

ITEM NO:CPSP01

45° ELBOW

Nom Size	D	d	L
1/2"	29.3	21.34	22.7
3/4"	35.1	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72.5	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	57.6
6"	191.2	168.3	76.7

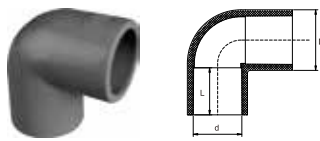


NSF

ITEM NO:CPSP03

COUPLING

Nom Size	D	d	H	L
1/2"	29.3	21.34	48.8	22.7
3/4"	35.1	26.67	55.2	26.0
1"	43.1	33.4	61.6	29.1
1 1/4"	52.4	42.16	67.4	32.3
1 1/2"	59	48.26	74.3	35.4
2"	72	60.33	80.1	38.6
2 1/2"	87.8	73.03	95.3	45
3"	104.9	88.9	101	48.1
4"	132.4	114.3	120.5	57.4
6"	191.2	168.3	160.3	76.7

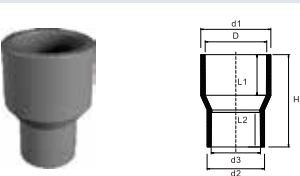


NSF

ITEM NO:CPSP02

90° ELBOW

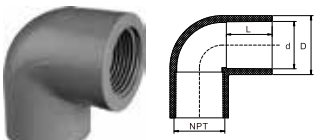
Nom Size	D	d	L
1/2"	29.8	21.34	22.7
3/4"	35.6	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	56.6
6"	190.9	168.3	76.7



ITEM NO:CPSP04

REDUCING COUPLING

Nom Size	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	35.1	26.67	29.3	21.34	57.5	25.9	22.7
1"X1/2"	43.4	33.4	29.8	21.34	63.1	29.1	22.7
1"X3/4"	43.1	33.4	35.5	26.67	65.4	29.1	25.9
1 1/4"X1/2"	52.4	42.16	29.3	21.34	66.4	32.3	22.7
1 1/4"X3/4"	52.4	42.16	35.1	26.67	67.6	32.3	25.9
1 1/4"X1"	52.4	42.16	43.4	33.4	72.2	33	28.2
1 1/2"X1/2"	59	48.26	29.3	21.34	70.5	35.4	22.7
1 1/2"X3/4"	59	48.26	35.5	26.67	73.7	35.4	25.9
1 1/2"X1"	59	48.26	43.5	33.4	76.9	35.4	28.8
2"X1/2"	59	48.26	52.4	42.16	80.1	35.4	32.3
2"X1"	72	60.33	29.3	21.34	79.7	38.6	22.7
2"X3/4"	72	60.33	35.1	26.67	81.4	38.6	25.9
2"X1"	72	60.33	43.1	33.4	84.6	38.6	29.1
2"X1 1/4"	72	60.33	52.4	42.16	87.8	38.6	32.3
2"X1 1/2"	72	60.33	59	48.26	90.9	38.6	35.4



NSF

ITEM NO:CPSP07

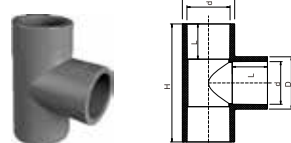
FEMALE THREAD ELBOW

Nom Size	D	d	L	NPT
1/2"	32.5	21.34	22.7	1/2"
3/4"	38.1	26.67	25.9	3/4"
1"	46	33.4	29.1	1"
1 1/4"	55.9	42.16	32.3	1 1/4"
1 1/2"	63.5	48.26	35.4	1 1/2"
2"	76.2	60.33	38.6	2"



ASTM F439

CPVC SCH80 PIPES & FITTINGS

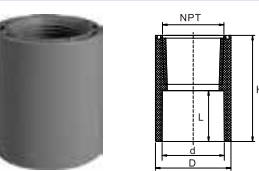


NSF

ITEM NO:CPSP05

STRAIGHT TEE

Nom Size	D	d	L	H
1/2"	29.3	21.34	22.4	70.8
3/4"	35.4	26.67	25.9	82.4
1"	43.1	33.4	29.1	97.6
1 1/4"	52.4	42.16	32.3	110.9
1 1/2"	59	48.26	35.4	122.7
2"	72	60.33	38.6	142.7
2 1/2"	87.8	73.03	45	168.2
3"	104.9	88.9	48.1	190.2
4"	132.4	114.3	57.6	235.6
6"	191.2	168.3	76.7	333.2

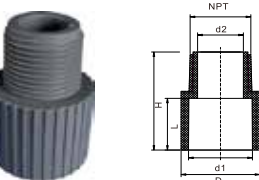


NSF

ITEM NO:CPSP06

FEMALE ADAPTOR

Nom Size	D	d	H	L	NPT
1/2"	32.5	21.34	45.7	22.7	1/2"
3/4"	38.1	26.67	54.8	25.9	3/4"
1"	46	33.4	58.7	29.1	1"
1 1/4"	55.9	42.16	64.3	32.3	1 1/4"
1 1/2"	63.5	48.26	70.9	35.4	1 1/2"
2"	76.2	60.33	74.6	38.6	2"
2 1/2"	87.8	73.03	92.3	45	2 1/2"
3"	104.9	88.9	97.9	48.1	3"
4"	132.4	114.3	109.9	57.6	4"
6"	191.2	168.3	135.6	76.7	6"

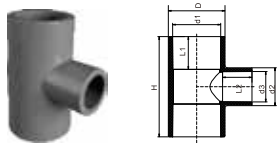


NSF

ITEM NO:CPSP09

MALE ADAPTOR

Nom Size	D	d1	d2	NPT	H	L
1/2"	30	21.34	9.4	1/2"	46.5	23.2
3/4"	35.8	26.67	14	3/4"	55.9	25.9
1"	44	33.4	18.8	1"	61	29.1
1 1/4"	53	42.16	26.8	1 1/4"	65.5	32.5
1 1/2"	60	48.26	32.4	1 1/2"	70.9	35.4
2"	73	60.33	43.3	2"	76.7	38.6
2 1/2"	88.2	73.03	51.0	2 1/2"	93.2	44.8
3"	104.9	88.9	66.0	3"	99.0	48.1
4"	132	114.3	89.9	4"	112	57.0
6"	191.2	168.3	138.3	6"	138.5	76.7

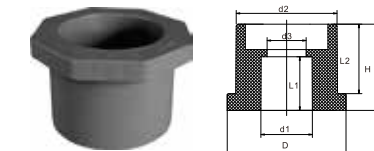


NSF

ITEM NO:CPSP08

REDUCING TEE

Nom Size	D	d1	d2	d3	L1	L2	H
3/4"X1/2"	35.5	26.67	30	21.34	25.9	22.7	79.1
1"X1/2"	43.1	33.4	29.3	21.34	29.1	22.7	80.5
1"X3/4"	43.1	33.4	35.1	26.67	29.1	25.9	91
1 1/4"X1/2"	52.4	42.16	29.3	21.34	32.3	22.7	92.2
1 1/4"X3/4"	52.4	42.16	35.1	26.67	32.3	25.9	97.3
1 1/4"X1"	52.4	42.16	43.1	33.4	32.3	29.1	105.8
1 1/2"X1/2"	59	48.26	29.3	21.34	35.4	22.7	97.6
1 1/2"X3/4"	59	48.26	35.1	26.67	35.4	25.9	103.7
1 1/2"X1"	59	48.26	43.1	33.4	35.4	29.1	110.5
1 1/2"X1 1/4"	59	48.26	52.4	42.16	35.4	32.3	118.9
2"X1/2"	72	60.33	29.3	21.34	38.6	22.7	104.7
2"X3/4"	72	60.33	35.1	26.67	38.6	25.9	109.7
2"X1"	72	60.33	43.1	33.4	38.6	29.1	115.9
2"X1 1/4"	72	60.33	52.4	42.16	38.6	32.3	124.6
2"X1 1/2"	72	60.3	59	48.26	38.6	35.4	131.6



NSF

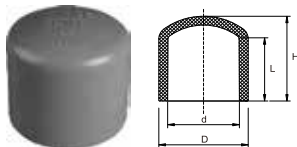
ITEM NO:CPSP10

REDUCING RING

Nom Size	D	d1	d2	d3	L1	L2	H
1 1/4"X1/2"	52.4	21.34	42.16	13.5	22.7	31.5	40
1 1/4"X3/4"	52.4	26.64	42.16	17.8	25.9	31.5	40
1 1/4"X1"	52.4	33.4	42.16	24	29.1	31.5	40
1 1/2"X1/2"	59	21.34	48.26	13	22.7	35	43
1 1/2"X3/4"	58.5	26.67	48.26	17.3	25.9	35	43
1 1/2"X1"	59	33.4	48.26	24.3	29.1	35	43
1 1/2"X1 1/4"	59	42.16	48.26	31.2	32.3	35	43
2"X1/2"	72	21.34	60.33	13	22.7	39	49
2"X3/4"	72	33.4	60.33	23.5	29.1	39	49
2"X1"	72	26.67	60.33	18	29.1	38.3	48.6
2"X1 1/4"	72	42.16	60.33	32	32.3	39	49
2"X1 1/2"	72	48.26	60.33	36.2	35.4	38.6	48.6
3"X1 1/2"	104.9	48.26	88.9	42	35.5	47.1	55.1
3"X2"	104.9	60.33	88.9	53.8	38.6	47.1	55.1
4"X1 1/2"	132.4	48.26	114.3	42	35.5	56.6	65.1
4"X2"	132.4	60.33	114.3	53.8	38.6	56.6	65.1
4"X3"	132.4	88.9	114.3	82	48.1	56.6	65.1
6"X4"	191.2	114.3	168.3	106.1	57.6	76.7	86.7

CPVC SCH80 PIPES & FITTINGS

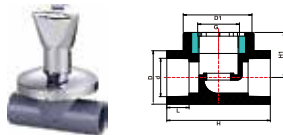
ASTM F439



ITEM NO:CPS011

END PLUG

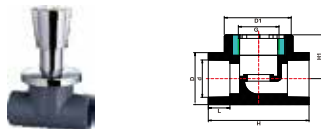
Nom Size	D	d	L	H
1/2"	29.3	21.34	22.7	39.7
3/4"	35.1	26.67	25.9	33.7
1"	43.1	33.4	29.1	33.8
1 1/4"	52.4	42.16	32.3	43
1 1/2"	59	48.26	35.4	45.8
2"	72	60.33	38.6	51.8
3"	93.3	75	49.5	65
4"	114.1	92	62.5	80
6"	167.3	135	95.5	125



ITEM NO:CPS012

CPVC STOP VALVE TYPE I

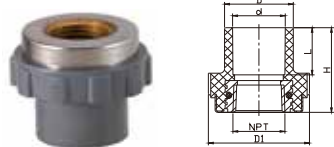
Nom Size	D	d	D1	G	L	H
20X1/2"	29.6	21.6	34.8	1/2"	23.5	80
25X1/2"	36	26.99	42	3/4"	24	82
32X3/4"	43.7	33.7	51.7	1"	25	93



ITEM NO:CPS013

CPVC STOP VALVE TYPE II

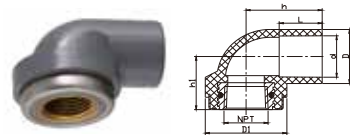
Nom Size	D	d	D1	G	L	H
20X1/2"	29.6	21.6	34.8	1/2"	23.5	80
25X1/2"	36	26.99	42	3/4"	24	82
32X3/4"	43.7	33.7	51.7	1"	25	93



ITEM NO:CPS015

FEMALE ADAPTOR WITH BRASS

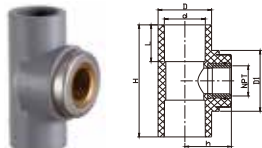
Nom Size	D1	D	d	L	NPT	H
1/2"	45.3	29.4	21.34	23	1/2"	40.5
1/2"X3/4"	51.6	29.4	21.34	23	3/4"	43.5
3/4"	51.6	35	26.67	26	3/4"	46.5
3/4"X1/2"	45.3	35	26.67	26	1/2"	44.5
1"	59	43	33.4	29	1"	53.5
1"X3/4"	51.6	43	33.4	29	3/4"	50



ITEM NO:CPS016

FEMALE ELBOW WITH BRASS

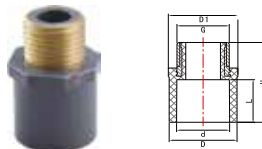
Nom Size	D1	D	d	L	NPT	h	h1
1/2"	42.9	29.4	21.34	23	1/2"	39.4	28
1/2"X3/4"	49.2	29.4	21.34	23	3/4"	38.5	31.5
3/4"	49.2	35	26.67	26	3/4"	45.9	34.5
3/4"X1/2"	42.9	35	26.67	26	1/2"	39.5	30.5
1 1/4"	67	52	42.16	32	1 1/4"	60	46.5
1 1/2"	73	59	48.26	35	1 1/2"	66	51
2"	87.6	72	60.33	39	2"	75	61



ITEM NO:CPS017

FEMALE TEE WITH BRASS

Nom Size	D1	D	d	L	NPT	h	h1
1/2"	42.9	29.4	21.34	23	1/2"	28	77
1/2"X3/4"	49.2	29.4	21.34	23	3/4"	31.5	77
3/4"	49.2	35	26.67	26	3/4"	34.5	92
3/4"X1/2"	42.9	35	26.67	26	1/2"	30.5	79
1 1/4"	67	52	42.16	32	1 1/4"	46.5	120
1 1/2"	73	59	48.26	35	1 1/2"	51	132
2"	87.6	72	60.33	39	2"	61	150



ITEM NO:CPS014

MALE ADAPTOR WITH BRASS

Size Nom	D1	D	d	H	L	G
1/2"	30.4	29.4	21.34	44.2	22.7	1/2"
3/4"	36.1	35.1	26.67	48.9	25.9	3/4"
1"	44.1	43.1	33.4	54.5	29.1	1"
1 1/4"	53.4	52.4	42.16	63.1	32.3	1 1/4"
1 1/2"	60	59	48.26	69.7	35.4	1 1/2"
2"	73	72	60.33	76.1	38.6	2"



CPVC PRESSURE
PIPES & FITTINGS
DIN STANDARD

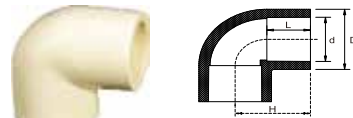
PRESSURE FOR HOT AND COLD



ITEM NO: CP001

● CPVC PRESSURE PIPES(DIN8079)

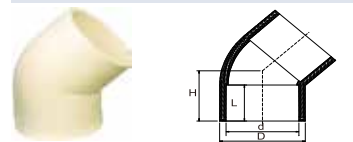
Series		7	
Pressure rating		PN25 BAR	
	Size	d(mm)	s(mm)
Plain Pipe	20	20	2.6
Plain Pipe	25	25	3.0
Plain Pipe	32	32	3.9



ITEM NO: CP002

● 90° ELBOW

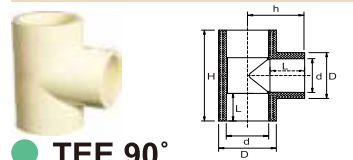
Nom Size	D	d	L	H
20	27.5	20	16.5	28.5
25	33.3	25	19.5	33.7
32	41	32	22.5	41.8
63	75	63	38.5	71



ITEM NO: CP008

● 45° ELBOW

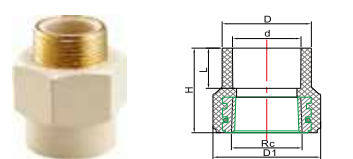
Nom Size	D	d	H	L
20	27.5	20	21	16.5
25	33.3	25	25	19.5
32	41	32	30	22.5
40	47.9	40.4	37	27.5
50	58.3	50.4	45.5	33.5
63	74.8	63	53	38



ITEM NO: CP003

● TEE 90°

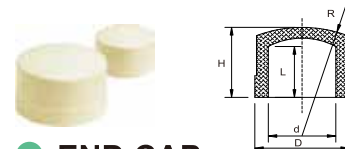
Nom Size	D	d	L	H	h
20	27.5	20	16.5	54.4	27.5
25	33.3	25	19.5	67.4	33.7
32	41	32	22.5	77.7	39
63	75	63	38.5	145	72.5



ITEM NO: CP020

● MALE ADAPTOR WITH BRASS INSERT

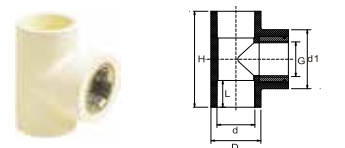
Nom Size	D1	D	d	L	H	Rc
20X1/2"	40.6	28.3	20	16.5	39.8	1/2"
25X3/4"	45.6	33.3	25	19.5	40.8	3/4"
32X1"	50.7	42	32	22.5	46.3	1"
40X1 1/4"	60.5	50	40	25.5	58.5	1 1/4"
50X1 1/2"	70.3	62	50	30.5	65.5	1 1/2"
63X2"	80.7	75.8	63	38.5	77.8	2"



ITEM NO: CP004

● END CAP

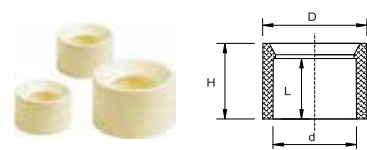
Nom Size	D	d	L	H	R
20	28.6	20	16.5	23.2	31.5
25	34.2	25	19.5	26.3	35.7
32	42.1	32	22.5	31.6	38
63	76.8	63	38.5	52	144.9



ITEM NO: CP017

● TEE 90° ADAPTOR WITH BRASS INSERT

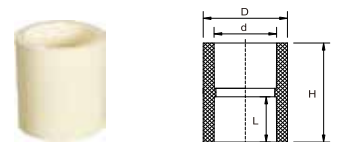
Nom Size	D	d	d1	G	L	H
25X3/4"	33.3	25	43	3/4"	19.5	70
25X1/2"	33.3	25	43	1/2"	19.5	70



ITEM NO: CP005

● SHORT REDUCING BUSHES

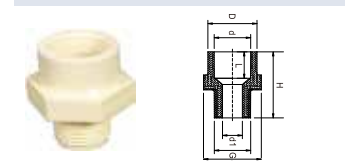
Nom Size	D	d	L	H
25X20	25	20	17.1	19.8
32X20	32	20	16.5	22.5
32X25	32	25	18.7	22.1
63X32	63	32	22.5	38.5



ITEM NO: CP006

● DOUBLE SOCKET

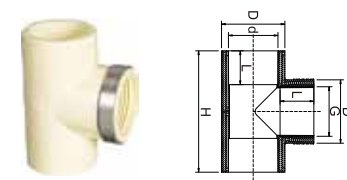
Nom Size	D	d	L	H
20	27.5	20	16.6	35.7
25	33.3	25	19.5	42
32	40.5	32	22.5	48
63	75	63	38.5	80



ITEM NO: CP018

● MALE ADAPTOR

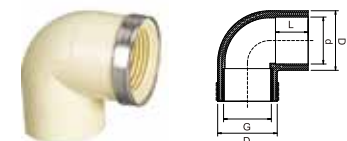
Nom Size	D	d	d1	d2	G	L	H
20X1/2"	27.5	20	11.5	37	1/2"	16.5	40
25X3/4"	33	25	16	41.6	3/4"	19.5	44
32X1"	41	32	22	53.1	1"	22.5	48.5
63X2"	75	63	48.8	79.5	2"	38.5	76



ITEM NO: CP007

● EQUAL FEMALE THREAD TEE WITH STEEL RING

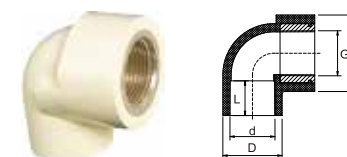
Nom Size	D	d	G	L	H
20X1/2"	27.5	20	1/2"	17.3	55.3
32X1"	41	32	1"	22.5	78



ITEM NO: CP009

● FEMALE THREADED ELBOW

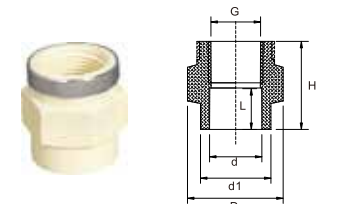
Nom Size	D	d	G	L
32X1"	41	32	1"	22.5



ITEM NO: CP015

● ELBOW 90° ADAPTOR WITH BRASS INSERT

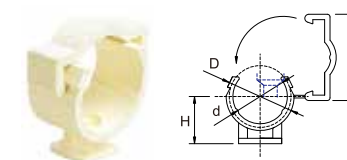
Nom Size	D	d	d1	G	L
20X1/2"	27.5	20	39	1/2"	16.5
25X1/2"	33.3	25	43	1/2"	19.5
25X3/4"	33.3	25	43	3/4"	19.5



ITEM NO: CP010

● FEMALE ADAPTOR WITH STEEL RING

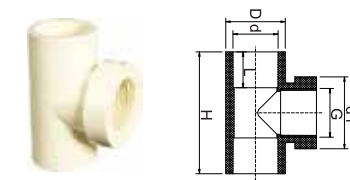
Nom Size	D	d	d1	G	L	H
20X1/2"	36.5	20	28	1/2"	16.1	36.3
25X3/4"	41.1	25	34.5	3/4"	19.5	40.5
63X2"	85.9	63	75.8	2"	38	69



ITEM NO: CP012

● MONO D'CLIPS

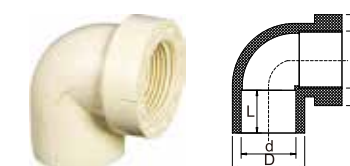
Nom Size	D	d	H	L
20	25.2	20	18	31.3
25	32	25	23	38.3
32	39	32	37.7	48.2



ITEM NO: CP011

● REDUCED FEMALE THREADED TEE

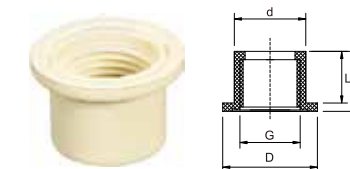
Nom Size	D	d	G	L	H	d1
25X1/2"	33	25	1/2"	19.5	67.3	41



ITEM NO: CP013

● REDUCED FEMALE THREADED ELBOW

Nom Size	D	d	d1	G	L
20X1/2"	27.5	20	33.3	1/2"	16.5
25X1/2"	33	25	33	1/2"	19.5
25X3/4"	33	25	41	3/4"	19.5



ITEM NO: CP016

● THREADED SHORT REDUCER

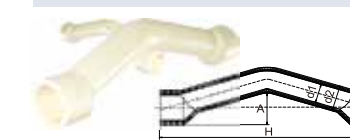
Nom Size	D	d	G	L	H
25X1/2"	33	25	1/2"	18	21.5



ITEM NO: CP021

● FEMALE ADAPTOR WITH BRASS INSERT

Nom Size	D1	D	d	L	H	Rc
20X1/2"	40.6	28.3	20	16.5	39.8	1/2"
25X3/4"	45.6	33.3	25	19.5	40.8	3/4"
32X1"	50.7	42	32	22.5	46.3	1"
40X1 1/4"	60.5	50	40	25.5	58.5	1 1/4"
50X1 1/2"	70.3	62	50	30.5	65.5	1 1/2"
63X2"	80.7	75.8	63	38.5	77.8	2"



ITEM NO: CP019

● STEP OVER BEND

Nom Size	D	d2	d	d1	L	H	A
20	28.7	17	20	12.4	17	159.6	25.2
25	35.2	26	25	18.6	22.1	203.5	31.6



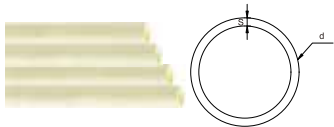
CPVC PRESSURE PIPES & FITTINGS (ASTM D2846)

PRESSURE FOR HOT AND COLD



ASTM D2846

CPVC CTS PIPES & FITTINGS



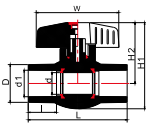
ITEM NO:CPA001

● PRESSURE RATE:SDR11

size	d (mm)	s (mm)
1/2"	15.9	1.73
3/4"	22.2	2.03
1"	28.6	2.59
1 1/4"	34.9	3.18
1 1/2"	41.3	3.76
2"	54	4.9

● PRESSURE RATE:SDR13.5

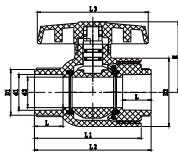
size	d (mm)	s (mm)
3/4"	22.2	1.73
1"	28.6	2.03
1 1/4"	34.9	2.59
1 1/2"	41.3	3.06
2"	54	4



ITEM NO:CPAC01

● COMPACT BALL VALVE

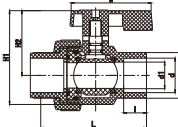
Nom Size	D1	d	D	L	I	W	H1	H2
15mm(1/2")	15.9	12.4	24	68.5	19	60	58	40.7
20mm(3/4")	22.2	18.4	32	84	24	70.2	73	51.6
25mm(1")	28.6	20.5	38.4	91	25	79	77	52.3
1 1/4"	34.9	25	45.8	105.5	28.5	100	93.5	65.2
1 1/2	41.3	30.6	53.5	121	33.5	108	104.8	72.3
2"	54	41	68.4	149	43.5	130	122	82



ITEM NO:CPAC02

● CPVC VALVE

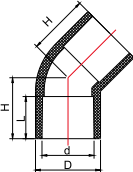
Nom Size	d1	d2	D1	D2	L	L1	L2	L3	H
1/2"	16.09	12.4	22.7	35	13	56	59	52	34.4
3/4"	22.46	18	29.8	44	18	73	76.6	70	45
1"	28.83	24.5	36.8	55	23	86	94	89.4	56.8
1 1/4"	35.2	33	47.2	66.5	28.1	103	113	96.6	70
1 1/2"	41.66	35.5	54.8	73.3	33.5	115.8	131	108.2	79.1
2"	54.38	44	68.5	89	43.5	146.7	161.9	124.4	90.2



ITEM NO:CPAC03

● SINGLE UNION BALL VALVE

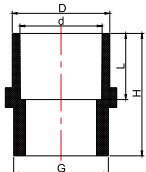
Nom Size	D	d	d1	I	L	W	H1	H2
1 1/4"	53.5	47.2	39	34	95.8	109.7	127	86.5
1 1/2"	61.6	50.3	39	34	113	109.7	127	86.5
2"	64.6	54	39	43.5	174	109.7	127	86.5



ITEM NO: CPA010

● 45° ELBOW

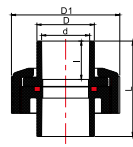
Nom Size	D	d	L	H
1/2"	20	15.9	13	18.8
3/4"	26.8	22.2	18	24.3
1"	34.5	28.6	23	30.9
1 1/4"	41.8	34.9	28.1	37.1
1 1/2"	49.46	41.3	33.5	44
2"	64.58	54	43.5	56.5



ITEM NO:CPA005

● MALE ADAPTOR

Nom Size	D	d	G	H	L
1/2"	21.5	15.9	1/2"	41.4	13
3/4"	26.8	22.2	3/4"	42	18
1"	34.5	28.6	1"	47	23
1 1/4"	41.8	34.9	1 1/4"	55	28.1
1 1/2"	49.4	41.3	1 1/2"	62	33.5
2"	64.4	54	2"	75	43.5



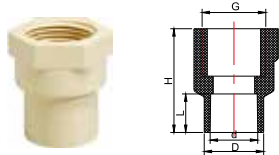
ITEM NO:CPA007

● II UNION

Nom Size	d	D	D1	I	L
15mm(1/2")	15.9	21.8	39.5	13	36.5
20mm(3/4")	22.2	32.5	53.5	22	53.5
25mm(1")	28.6	34.43	65	23	57.5
40mm(1 1/4")	35.2	41.8	67.5	28.1	65.1
50mm(1 1/2")	41.66	49.2	76	33.5	75.7
63mm(2")	54.38	64.58	94	43.5	99.2

CPVC CTS PIPES & FITTINGS

ASTM D2846

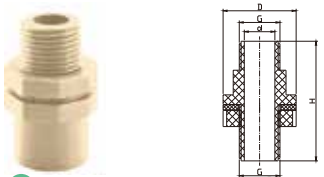


NSF

ITEM NO:CPA008

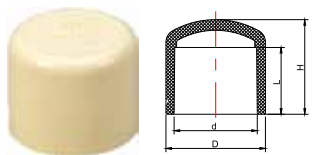
● FEMALE ADAPTOR

Nom Size	D	d	G	H	L
1/2"	20	15.9	1/2"	35	13
3/4"	26.8	22.2	3/4"	42	18
1"	34.5	28.6	1"	50	19.3
1 1/4"	41.8	34.9	1 1/4"	58	28.1
1 1/2"	49.46	41.3	1 1/2"	68	33.5
2"	64.58	54	2"	87	43.5



● MALE ADAPTOR II

Nom Size	D	G	d	H
1/2"	39.4	1/2"	13.4	66
3/4"	45.4	3/4"	19	74.3
1"	51.4	1"	23.5	82



NSF

ITEM NO: CPA003

● END CAP

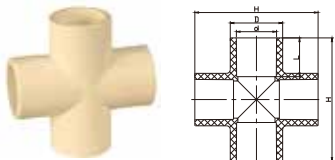
Nom Size	D	d	L	H
1/2"	21.5	15.9	13	17
3/4"	26.8	22.2	18	25.5
1"	34.5	28.6	23	32
1 1/4"	41.8	34.9	28.1	41
1 1/2"	49.4	41.3	33.5	44
2"	64.4	54	43.5	57



ITEM NO: CPAB03

● BRASS THREADED MALE ADAPTOR

Nom Size	D	d	H	L	G
1/2"	21.7	15.9	48	13	1/2"
3/4"	28.5	22.2	53	18	3/4"
1"	35	28.6	71	23	1"
1 1/4"	44	34.9	80	28.1	1 1/4"
1 1/2"	51.5	41.3	88	33.5	1 1/2"
2"	64.4	54	94	38.5	2"

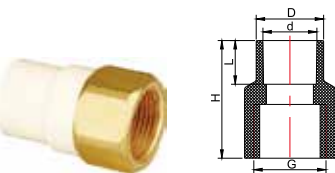


NSF

ITEM NO:CPA011

● CROSS TEE

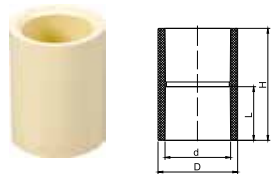
Nom Size	D	d	L	H
1/2"	21.5	15.9	13	44
3/4"	27	22.2	18	62
1"	34	28.6	23	80
1 1/4"	42	34.9	28	95.5
1 1/2"	49	41.3	33	112
2"	65	54	43	145



ITEM NO:CPAB04

● BRASS THREADED FEMALE ADAPTOR

Nom Size	D	d	H	L	G
1/2"	21.7	15.9	42.5	13	1/2"
3/4"	28.5	22.2	50	18	3/4"
1"	35	28.6	65	23	1"
1 1/4"	44	34.9	77	28.1	1 1/4"
1 1/2"	51.5	41.3	84	33.5	1 1/2"
2"	64.4	54	94	43.5	2"



NSF

ITEM NO: CPA013

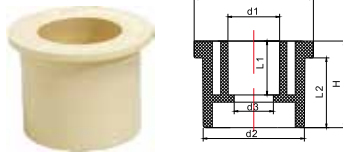
● SOCKET

Nom Size	D	d	H	L
1/2"	21.5	15.9	28.9	13
3/4"	26.8	22.2	39.5	18
1"	34.5	28.6	50	23
1 1/4"	41.8	34.9	60	28.1
1 1/2"	49.4	41.3	70.5	33.5
2"	64.4	54	90.5	43.5



ASTM D2846

CPVC CTS PIPES & FITTINGS

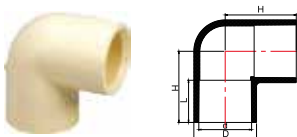


NSF

ITEM NO: CPA009

● REDUCING BUSHES

Nom Size	D	d1	d2	d3	H	L1	L2
3/4"X1/2"	26.8	15.9	22.1	14.72	21.2	13	18
1"X1/2"	34.5	15.9	28.47	14.72	26.4	13	23
1"X3/4"	34.5	22.2	28.47	21.1	26.4	18	23
1 1/4"X1/2"	41.8	15.9	34.85	14.72	31	13	28.1
1 1/4"X3/4"	41.8	22.2	34.85	21.1	31	18	28.1
1 1/4"X1"	41.8	28.6	34.85	27.47	31	23	28.1
1 1/2"X1/2"	49.5	15.9	41.2	14.72	36.3	13	33.5
1 1/2"X3/4"	49.5	22.2	41.2	21.1	36.3	18	33.5
1 1/2"X1"	49.5	28.6	41.2	27.47	36.3	23	33.5
1 1/2X1 1/4"	49.5	34.9	41.2	33.85	36.3	28.1	33.5
2"X1 1/2"	64.6	15.9	54	14.72	47	13	43.5
2"X1 1/4"	64.6	34.9	54	33.85	47	28.1	42.5



NSF

ITEM NO: CPA002

● 90° ELBOW

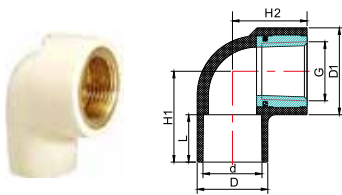
Nom Size	D	d	L	H
1/2"	21.5	15.9	13	23.1
3/4"	26.8	22.2	18	31.43
1"	34.5	28.6	23	39.22
1 1/4"	41.8	34.9	28.1	47.4
1 1/2"	49.4	41.3	33.5	55.4
2"	64.4	54	43.5	72.5



ITEM NO:CPA006

● BRACKET

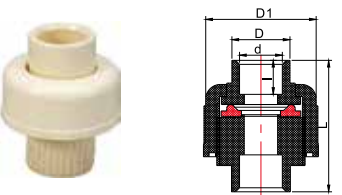
Nom Size	R1	R2	R3	H	L1	L2
2"	26.5	29.1	31.7	34.4	83.6	99
1 1/2"	20	22.5	25	28	68.6	84
1 1/4"	16.8	18.9	21	23.4	54	72.2
1"	14	15.6	17.2	19.4	43.2	55.6
3/4"	11	12.5	14	15.2	36.6	47.6
1/2"	7.8	9.2	10.6	12.6	27.6	39



ITEM NO: CPAB01

● BRASS THREAD FEMALE ELBOW

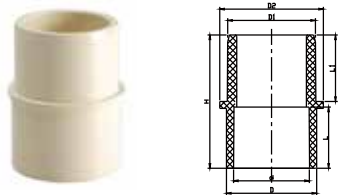
Nom Size	D1	D	d	L	G	H1	H2
1/2"	33	20.08	15.9	13	1/2"	29.5	26.56
3/4"	39	26.85	22.2	18	3/4"	35.5	28.15
3/4"X1/2"	33	26.85	22.2	18	1/2"	34.5	28.35
1"X1/2"	33	34.43	28.6	23	1/2"	38.5	35.07
1"X3/4"	39	34.43	28.83	23	3/4"	41	34
1"	44.9	34.43	28.83	23	1"	40	40
1 1/4"	59.5	41.8	35.2	28.1	1 1/4"	47.4	46.6



ITEM NO: CPA014

● I UNION

Nom Size	d	D	D1	I	L
15mm(1/2")	15.9	21.7	41.3	12.7	49.1
20mm(3/4")	22.2	30.2	53.3	19.5	63



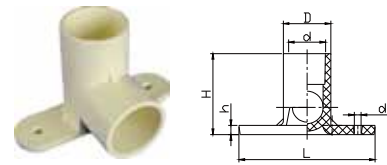
ITEM NO:CPAS05

● TRANSITION BUSH(ASTM2846 TO SCH80)

Nom Size	d	D	D1	D2	L	L1	H
1/2"	25	16.11	21.24	21.5	23.5	13	39
3/4"	30	22.45	26.57	26.85	26.5	18	47
1"	38	28.83	33.27	34.43	29	23	55
1 1/4"	46	35.2	42.04	41.8	32.5	28.1	62
1 1/2"	41.66	49.46	48.11	56.8	33.5	36.4	73
2"	54.38	64.58	60.17	68.5	43.5	39.6	86.5

CPVC CTS PIPES & FITTINGS

ASTM D2846

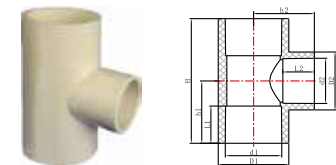


NSF

ITEM NO:CPAS03

FEMALE THREAD ELBOW WALL PLATE

Nom Size	D	d	d1	H	h	L
1/2"	20.8	15.9	3	35.5	4	59.75
3/4"	26.85	22.2	3	46.5	4	74.75

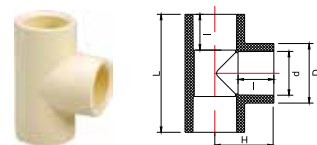


NSF

ITEM NO:CPAS02

REDUCING TEE

Nom Size	D1	d1	L1	h1	D2	d2	L2	H2	H
3/4"X1/2"	26.85	22.2	18	27.25	20.08	15.9	13	25.33	54.5
1"X1/2"	34.4	28.6	23	32.4	20.08	15.9	13	28.81	64.8
1"X3/4"	34.4	38.6	23	35.6	26.85	22.2	18	33.8	71.2
1 1/4"X1/2"	41.8	34.9	28.1	37.5	20.08	15.9	13	32	75
1 1/4"X3/4"	41.8	34.9	28.1	41	26.85	22.2	18	37	82
1 1/4"X1"	41.8	34.9	28.1	44	34.43	28.6	23	42	88
1 1/2"X1/2"	49.46	41.3	35.5	43	20.08	15.9	13	35.5	86
1 1/2"X3/4"	49.46	41.3	35.5	46.5	26.85	22.2	18	40.5	93
1 1/2"X1"	49.46	41.3	35.5	49.6	34.4	28.6	23	43.46	99.2
1 1/2"X1 1/4"	49.46	41.3	35.5	52.5	41.8	34.9	28.1	50.5	105
2"X3/4"	64.58	54	43.5	56.5	26.85	22.2	18	46.5	113
2"X1"	64.58	54	43.5	59.5	34.43	28.6	23	52	119
2"X1 1/4"	64.58	54	43.5	63	41.8	34.9	28.1	57	126
2"X1 1/2"	64.58	54	43.5	66	49.46	41.3	33.5	62.5	132

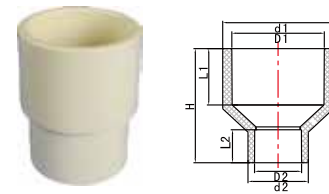


NSF

ITEM NO: CPA004

TEE

Nom Size	D	d	I	L	H
1/2"	21.5	15.9	13	43.8	21.9
3/4"	26.8	22.2	18	62	31
1"	34.5	28.6	23	80	40
1 1/4"	41.8	34.9	28.1	95.5	47.75
1 1/2"	49.4	41.3	33.5	112	56
2"	64.4	54	43.5	145	72.5

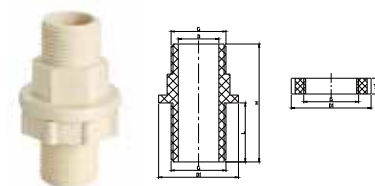


NSF

ITEM NO:CPAS04

REDUCING SOCKET

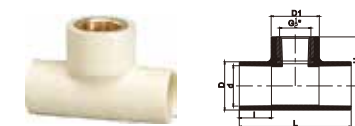
Nom Size	D1	d1	L1	D2	D2	L2	H
3/4"X1/2"	26.85	22.2	18	20.08	15.9	13	33.7
1"X1/2"	34.43	28.6	23	20.08	15.9	13	39
1"X3/4"	34.43	28.6	23	26.85	22.2	18	44
1 1/4"X1/2"	41.8	34.9	28.1	20.08	15.9	13	44.1
1 1/4"X3/4"	41.8	34.9	28.1	26.83	22.2	18	49.1
1 1/4"X1"	41.8	34.9	28.1	34.43	28.6	23	54.1
1 1/2"X1/2"	49.46	41.3	33.5	20.08	15.9	13	49.5
1 1/2"X3/4"	49.46	41.3	33.5	26.85	22.2	18	54.5
1 1/2"X1"	49.46	41.3	33.5	34.43	28.6	23	59.5
1 1/2"X1 1/4"	49.46	41.3	33.5	41.8	34.9	28.1	64.6
2"X3/4"	64.58	54	43.5	26.85	22.2	18	64.5
2"X1"	64.58	54	43.5	34.43	28.6	23	69.5
2"X1 1/2"	64.58	54	43.5	41.8	34.9	28.1	74.6
2"X1 1/4"	64.58	54	43.5	49.46	41.3	33.5	80



ITEM NO:CPAS011

TANK CONNECTOR

Nom Size	D	D1	L	H	H1	G
1/2"	13.4	39.4	30	66	8	1/2"
3/4"	19	45.4	35	74.3	10.1	3/4"
1"	23.5	51.4	40	82	12	1"
1 1/4"	31	61	45	90	12	1 1/4"
1 1/2"	36	67	50	98	14	1 1/2"
2"	45	79	55	106	14	2"



ITEM NO:CPAB02

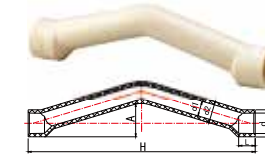
BRASS THREADED FEMALE TEE

Nom Size	D1	D	d	I	G	L	H
1/2"	33.2	20	15.9	13	1/2"	52	39
3/4"X1/2"	33.2	26.8	22.2	18	1/2"	68.5	31.5
1"X1/2"	34.9	34.5	28.6	23	1/2"	80	35
1 1/4"	59.5	41.8	35.2	28.1	1 1/4"	94.8	45.9
1 1/4"X1/2"	33.2	41.8	35.2	28.1	1/2"	94.8	40



ASTM D2846

CPVC CTS PIPES & FITTINGS

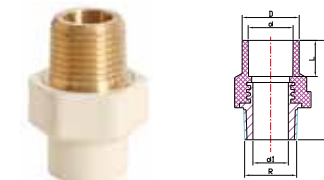


NSF

ITEM NO: CPAS01

STEP OVER BEND

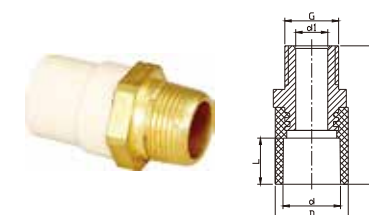
Nom Size	D	d	d1	d2	L	H	A
1/2"	21.5	15.9	12	17.4	13	180	26.5
3/4"	26.9	22.2	16.5	20.9	18	195	29.2
1"	34.5	28.6	21	26.6	23	215	32.4



ITEM NO:CPAB06

II BRASS MALE THREAD ADAPTOR

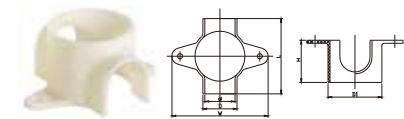
Nom Size	D	d	d1	H	L	G
1/2"	20.1	15.9		35	13	1/2"
3/4"	28.5	17.7	22.45	49.6	18	3/4"
1"	35	23.5	28.83	66.1	23	1"
1 1/4"	44	28.5	35.2	73.6	28.1	1 1/4"
1 1/2"	51.5	33.5	41.67	81	33.5	1 1/2"
2"	66	44	54.38	97.1	43.5	2"



ITEM NO: CPAB08

MALE BRASS REDUCING SOCKET

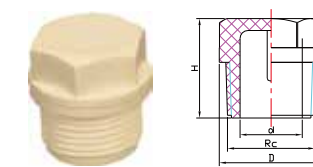
Nom Size	D	d	d1	G	L	H
3/4"X1/2"	28.5	22.45	12.5	1/2"	18	54
1"X1/2"	35	28.83	14	1/2"	23	59
1"X3/4"	35	28.83	19.7	3/4"	23	58.5



ITEM NO: CPAS09

TEE HOLDER

Nom Size	D	D1	d	W	L	H
1/2"X1/2"X1/2"	22.68	35.8	20.08	63.87	50	28
3/4"X3/4"X1/2"	29.45	35.8	26.85	64	56.2	35

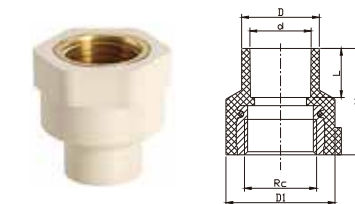


NSF

ITEM NO: CPA015

PLUG

Nom Size	d	D	H	Rc
1/2"	13.4	24	29.2	1/2"
3/4"	18	20.9	32.5	3/4"
1"	23.5	39.2	37.5	1"



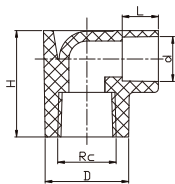
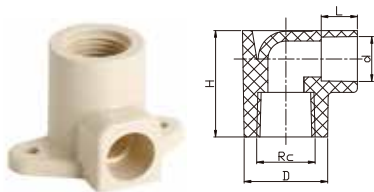
ITEM NO:CPAB07

II BRASS FEMALE THREAD ADAPTOR

Nom Size	D	d	D1	RC	L	H
1/2"	21.7	15.9		1/2"	13	44.5
3/4"	28.5	22.45	40	3/4"	18	39
1"	35	28.83	51.86	1"	23	51.5
1 1/4"	44	35.2	60.5	1 1/4"	28.1	59.6
1 1/2"	51.5	41.67	68	1 1/2"	33.5	70
2"	66	54.38	82	2"	43.5	82

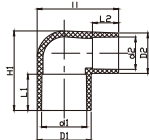
CPVC CTS PIPES & FITTINGS

ASTM D2846



NSF

ITEM NO:CPAS07



NSF

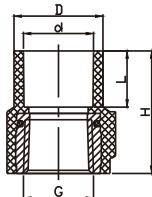
ITEM NO:CPAS08

FEMALE ELBOW WITH BRACKET

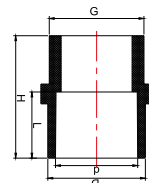
Nom Size	D	d	H	L	G
1/2"	30	15.9	38.2	13	1/2"

REDUCING ELBOW

Nom Size	D1	d1	D2	d2	L1	L2	H1	H2
3/4"X1/2"	26.85	22.2	20	15.9	18	13	39.5	40.5
1"X1/2"	34.43	28.83	21.5	16.07	23	13	34	31
1"X3/4"	34.43	28.83	26.85	22.45	23	18	39	39
1 1/4"X1/2"	41.8	35.2	21.5	16.07	28.1	13	42.4	37.4
1 1/4"X1"	41.8	35.2	34.43	28.83	28.1	23	47.4	47.4
2"X1"	64.58	54.38	34.43	28.83	43.5	23	68	62



ITEM NO:CPAB05



NSF

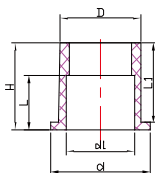
ITEM NO:CPAS06

BRASS THREAD REDUCING SOCKET

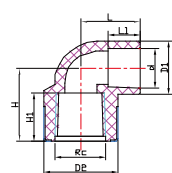
Nom Size	D	d	H	L	G
3/4"X1/2"	28.5	22.2	39.2	18	1/2"
1"X1/2"	34.4	28.6	44.5	23	1/2"
1"X3/4"	35	28.83	44	23	3/4"

REDUCING MALE ADAPTOR

Nom Size	D	d	G	H	L
3/4"X1/2"	26.85	22.2	1/2"	42	18



ITEM NO: CPAS10



ITEM NO: CPAS 012

REDUCING RING(IPS TO CTS)

Nom Size	D	d	d1	H	L	L1
3/4"X3/4"	26.57	32	22.45	28.4	18	25.9
2"X2 1/2"	72.8	79.7	54.39	51	43.5	45

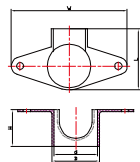
90 DEGREE FEMALE ELBOW WITH RING

Nom Size	D1	D2	d	L	L1	H	H1	RC
1/2"	21.5	30.5	16.1	24.25	13	30.25	20	1/2"
3/4"X1/2"	26.85	30.5	22.45	33.25	18	33.58	20	1/2"



ASTM D2846

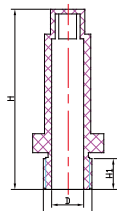
CPVC CTS PIPES & FITTINGS



ITEM NO: CPAS013

REDUCING SOCKET

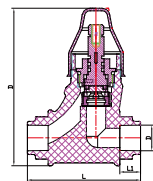
Nom Size	D	d	H	W	L
1"X1/2"	36	33	27.5	88	46
3/4"X1/2"	36	33	34	88	46



ITEM NO: CPAS014

LONG PLUG

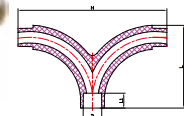
Nom Size	D	Rc	H	H1
1/2"	13.5	1/2"	77	13
3/4"	19	3/4"	80	13.5



ITEM NO: CPAS016

CHECK VALVE

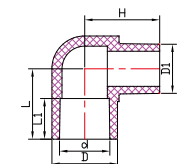
Nom Size	D	H	L	L1
1/2"	16.08	98.4	70.8	13



ITEM NO: CPAS017

Y MALE & FEMALE WLBOW

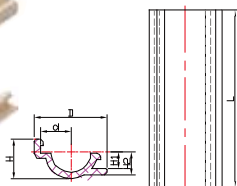
Nom Size	D	H	L	L1
1/2"	16.1	130	72.26	13



ITEM NO: CPAS018

MALE AND FEMALE ELBOW

Nom Size	D	d	D1	L	L1	H
1/2"	21	16.1	15.72	22.5	13	24



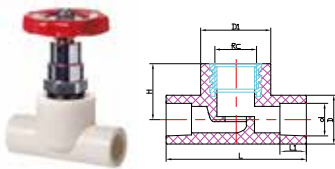
ITEM NO: CPAS015

PUNCHARE KIT

Nom Size	D	d	H	H1	H2	L
1/2"	29	12	16.05	6.5	9	70
3/4"	38.5	16	20	8	11	70

CPVC CTS PIPES & FITTINGS

ASTM D2846



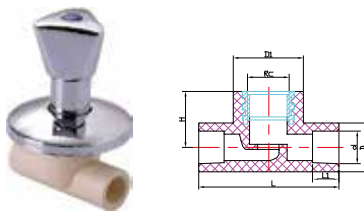
ITEM NO : CPAB 09



ITEM NO:CPA 016

● CPVC STOP VALVE CPVC CTS

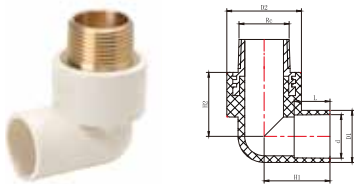
Nom Size	D	d	D1	RC	L	L1	H
1/2"	24.1	16.1	34.8	1/2"	70	13	28
3/4"	32.1	22.45	42	3/4"	83	18	33



ITEM NO : CPAB 010

● CPVC STAINLESS STEEL STOP VALVE

Nom Size	D	d	D1	RC	L	L1	H
1/2"	24.1	16.1	34.8	1/2"	70	13	28
3/4"	32.1	22.45	42	3/4"	83	18	33



ITEM NO:CPAB011

● BRASS THREAD MALE ELBOW

Nom Size	D1	D2	d	L	H1	H2	R
1/2"	21.58	32.5	16.07	13	28.5	26.25	1/2"
3/4"	26.85	38.5	22.45	18.5	34	33	3/4"
1"	34.43	47.5	28.83	23.5	44.5	38.8	1"



ITEM NO:CPAS019

● COMPRESSION COUPLING

Nom Size	D	d2	L
1/2"	18	33	76.3
3/4"	24.2	40.3	86
1"	30.4	48.3	96.5



PP-R PIPES&FITTINGS
FOR COLD/HOT WATER

PRESSURE FOR HOT AND COLD

PPR DIN PIPES & FITTINGS

DIN8077/8088



ITEM NO: PR001

PIPES (PN12.5) LENGTH:4M (PR001 PIPES)

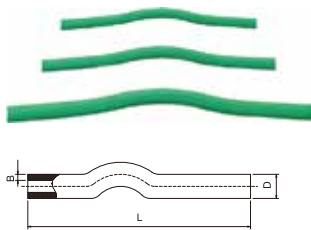
Nom Size	Outer Dia	Wall Thickness
20	20	2.0
25	25	2.3
32	32	2.9
40	40	3.7
50	50	4.6
63	63	5.8
75	75	6.8
90	90	8.2
110	110	10.0

Size Nom	Outer Dia	Wall Thickness
20	20	2.8
25	25	3.5
32	32	4.4
40	40	5.5
50	50	6.9
63	63	8.6
75	75	10.3
90	90	12.3
110	110	15.1
160	160	14.6

PIPES (PN16) LENGTH:4M

Nom Size	Outer Dia	Wall Thickness
20	20	2.3
25	25	2.8
32	32	3.6
40	40	4.5
50	50	5.6
63	63	7.1
160	160	17.9

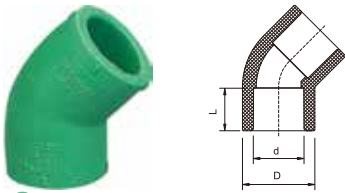
Size Nom	Outer Dia	Wall Thickness
20	20	3.4
25	25	4.2
32	32	5.4
40	40	6.7
50	50	8.3
63	63	10.5
160	160	21.9



ITEM NO: PR002

STEP OVER BEND

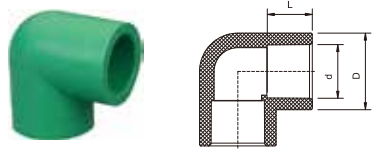
Nom Size	Pressure	D	B	L
20	1.25	20	2.0	400
20	1.6	20	2.3	400
20	2.0	20	2.8	400
20	2.5	20	3.4	400
25	1.25	25	2.3	400
25	1.6	25	2.8	400
25	2.0	25	3.5	400
25	2.5	25	4.2	400
32	1.25	32	2.9	400
32	1.6	32	3.6	400
32	2.0	32	4.4	400
32	2.5	32	5.4	400



ITEM NO: PRE01

45° ELBOW

Nom Size	D	d	L
16	21.8	15	14.5
20	27.4	19	15.8
25	34.8	24	18.1
32	42.4	31	20.1
40	52.1	38.8	22.1
50	65.7	48.9	25.1
63	83.1	61.7	28.0
75	99.0	73.4	30.4
90	119.6	88.8	35.1
110	146.7	108.3	42
160	211	157	56.5



ITEM NO: PRE02

90° ELBOW

Nom Size	D	d	L
16	21.8	15	14.5
20	27.4	19	16.1
25	34.4	24	18.1
32	42.1	31	20.1
40	52.6	38.8	21.7
50	66.1	48.9	25.1
63	83.1	61.7	28.4
75	99.2	73.4	32
90	119.0	88.8	36
110	146.7	108.3	42
160	211	157	56.5



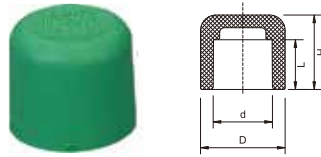
ITEM NO: PRT03

FEMALE THREAD TEE

Nom Size	D	d	L	G	H	D1
20X1/2"	27.4	19	16.1	1/2"	56.0	43.6
20X3/4"	27.8	19	16.1	3/4"	62	47
25X1/2"	34.8	24	18.1	1/2"	64.2	44
25X3/4"	34.8	24	18.1	3/4"	64.2	49
32X1"	42.8	30.4	21.4	1"	81.2	64.5
32X1 1/2"	42.8	30.4	20.2	1 1/2"	70	46.4
32X3/4"	42.4	30.4	20.2	3/4"	76.0	49



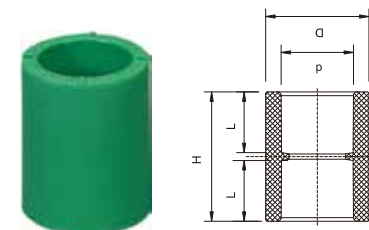
DIN8077/8088



ITEM NO: PR006

END CAP

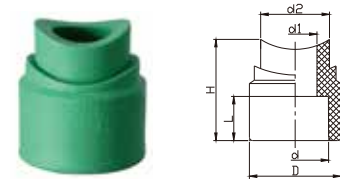
Nom Size	D	d	L	H
16	21.8	15	14.5	19.5
20	27.4	19	16.1	24.3
25	34.8	24	18.1	24.7
32	42.6	30.9	20.1	30.2
40	52.5	38.8	22.1	31.2
50	66.1	48.9	25.1	35.3
63	82.7	61.7	28.7	41.4
75	99.2	73.4	34.2	53.2
90	119.2	88.8	38	64.2
110	145.8	108.3	46.7	69.8
160	211	157	56.5	105.3



ITEM NO: PR003

SOCKET

Nom Size	D	d	L	H
16	21.8	15	14.5	19.5
20	27.4	19	15.7	34.3
25	34.8	24	17.5	38.0
32	42.4	30.9	19.2	41.8
40	52.5	38.8	22.1	47.3
50	66.3	48.9	25.1	53.8
63	83.3	61.7	29.1	61.3
75	99.2	73.4	32	68.4
90	119.0	88.8	36	77.0
110	147.0	108.3	42	89.8
160	211	157	56.5	126

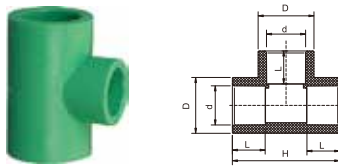


ITEM NO: PRS001

WELD IN SADDLE

Nom Size	D	d	L	d1	d2	H
32	42.5	32	20.5	20.4	32	47

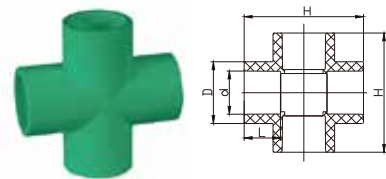
PPR DIN PIPES & FITTINGS



ITEM NO: PRT01

STRAIGHT TEE

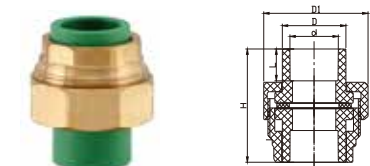
Nom Size	D	d	L	H
16	21.8	15	14.5	46
20	27.9	19	16.1	53.0
25	34.8	24	18.1	63
32	42.4	30.9	20.1	74
40	52.6	38.8	22.1	85.3
50	66.1	48.9	25.1	100.7
63	83.1	61.7	29.1	121.7
75	99.2	73.4	32	141.7
90	120.0	88.8	36	168.3
110	146.0	108.3	42	197.4
160	211	157	56.5	299



ITEM NO: PRC001

CROSS

Nom Size	D	d	L	H
20	27.4	20	16	53
25	34.8	25	18	63
32	42.4	32	20	74



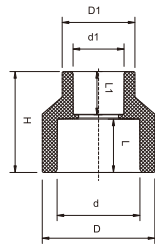
ITEM NO: PRU001

UNION TWO SIDE WELD

Nom Size	D1	D	d	L	H
32X1"	65	41	32	21	73

PPR DIN PIPES & FITTINGS

DIN8077/8088

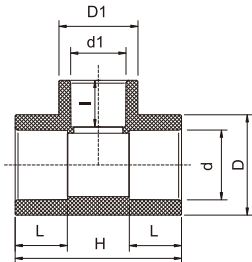


ITEM NO: PR004

REDUCING SOCKET

Nom Size	D	d	L	D1	d1	L1	H
20X16							
25X20	34.8	24	18.1	27.4	19	16.1	34.4
32X20	42.4	30.9	20.1	27.4	19	16.1	38
32X25	42.4	30.9	20.1	34.8	24	17.4	39.6
40X20	52.6	38.8	22.1	27.4	19	16.1	50
40X25	52.6	38.8	22.1	34.8	24	18.1	49.6
40X32	52.6	38.8	22.1	42.4	30.9	20.1	44.3
50X20	66.0	48.9	25.1	27.4	19	16.1	55.9
50X25	66.0	48.9	25.1	34.8	24	18.1	57
50X32	66.0	48.9	25.1	42.4	30.9	20.1	56
50X40	66.1	48.9	25.1	52.6	38.8	22.1	50.2
63X25	82.7	61.7	29.1	34.8	24	18.1	62.7

Nom Size	D	d	L	D1	d1	L1	H
63X32	82.7	61.7	29.1	42.4	30.9	20.1	63.4
63X40	83.1	61.7	29.1	53.0	38.8	22.1	63.3
63X50	83.1	61.7	29.1	66.7	48.9	25.1	56.7
75X40	99.2	73.4	32	53.2	38.8	22.1	69.0
75X50	99.2	73.4	32	66.6	48.9	25.1	69
75X63	99.2	73.4	32	83.1	61.7	29.1	66.5
90X50	119.0	88.8	36	66.8	48.9	25.1	78.5
90X63	119.6	88.8	39	83.1	61.7	29.1	82.7
90X75	119.6	88.8	39	99.2	73.4	32	74.8
110X63	145.5	108.3	42	84.4	61.7	30	91
110X75	145.5	108.3	42	100.0	73.4	32	91.4
110X90	146.0	108.3	42	121.0	88.8	37	82.0
160X110	211	157	56.5	145.5	108.5	42	125



ITEM NO: PRT02

REDUCING TEE

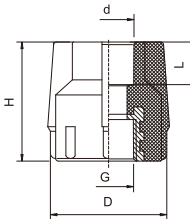
Nom Size	D	D1	d	d1	L	I	H
25X20	34.8	27.4	24	19	18.1	16.1	57.7
32X20	42.4	27.4	30.9	19	20.1	16.1	62.2
32X25	42.4	34.8	30.9	24	20.1	17.5	67.3
40X20	52.6	28.0	38.8	19	22.1	16.1	65.8
40X25	52.6	35.3	38.8	24	22.1	18.1	70.8
40X32	52.6	42.4	38.8	30.9	22.1	21.2	81
50X20	66.1	28.2	48.9	19	25.1	16.0	75.2
50X25	66.1	35.4	48.9	24	25.1	18.1	77
50X32	66.1	42.8	48.9	30.9	25.1	20.1	83.4
50X40	66.1	53.0	48.9	38.8	25.1	22.1	94.7
63X20	83.1	28.0	61.7	19	29.1	18.1	83.4
63X25	83.1	35.4	61.7	24	29.1	18.1	84.4
63X32	83.1	42.4	61.7	30.9	29.1	20.1	91.23
63X40	83.1	52.6	61.7	38.8	29.1	22.1	103

Nom Size	D	D1	d	d1	L	I	H
63X50	83.1	66.1	61.7	52.6	29.1	25.1	112.6
75X32	99.2	42.4	73.4	30.9	32	20.9	97.8
75X40	100.3	53.2	73.4	38.8	32	22.1	106.7
75X50	99.2	66.1	73.4	52.6	32	25.1	119.9
75X63	99.2	83.1	73.4	61.7	31.1	29.1	130
90X40	119.6	53.4	88.8	38.8	36	22.1	114.2
90X50	120.6	66.6	88.8	52.6	36	25.1	126.5
90X63	120.6	84.2	88.8	61.7	36	29.1	124.2
90X75	120.6	99.2	88.8	73.4	36	32	15.9
110X50	147.5	67.6	107.5	52.6	42	26.1	138.2
110X63	147.5	84.1	107.5	61.7	42	30.0	151.0
110X75	147.8	99.9	107.5	73.4	42	32	162.4
110X90	146.2	119.6	107.5	88.8	42	36	178



DIN8077/8088

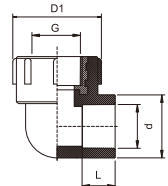
PPR DIN PIPES & FITTINGS



ITEM NO: PR007

FEMALE THREAD BUSH

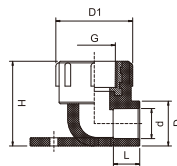
Nom Size	D	d	G	L	H
20X1/2"	43.6	19	1/2"	16.1	45.9
25X1/2"	43.6	24	1/2"	19.2	45.4
25X3/4"	49.5	24	3/4"	17.8	45.6
32X1"	64.4	30.9	1"	20.1	58.3
40X1 1/4"	76.8	38.8	1 1/4"	22.1	71.5
50X1 1/2"	86	48.9	1 1/2"	25.1	71.5
63X2"	95	61.7	2"	29.1	94.5
20X3/4"	49	19	3/4"	16.1	46.3
32X1/2"	46.8	30.5	1/2"	21.0	46.7
32X3/4"	48.8	30.5	3/4"	20.7	47.4



ITEM NO: PRE03

FEMALE THREAD ELBOW

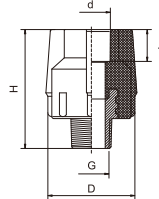
Nom Size	D	d	G	L	D1
20X1/2"	27.4	19	1/2"	16.1	43.2
20X3/4"	28	18.6	3/4"	16.1	47
25X1/2"	34.8	24	1/2"	18.1	44
25X3/4"	34.8	24	3/4"	18.1	49
32X1/2"	42.6	30.6	1/2"	20.1	49.7
32X3/4"	42.6	30.6	3/4"	20.1	48.3
32X1"	42.6	30.9	1"	20.6	65.0



ITEM NO: PRE04

FEMALE THREAD ELBOW WALL PLATE

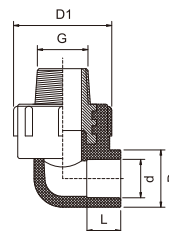
Nom Size	D	d	G	L	H	D1
20X1/2"	27.4	19	1/2"	16.1	49.3	43
25X1/2"	34.8	24	1/2"	18.1	55.3	43
25X3/4"	34.8	24	3/4"	18.1	54.1	49



ITEM NO: PR008

MALE THREAD BUSH

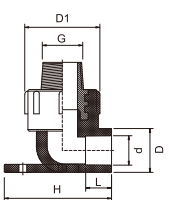
Nom Size	D	d	G	L	H
20X1/2"	44	19	1/2"	16.1	61.7
25X1/2"	44	24	1/2"	18.1	62.0
25X3/4"	49	24	3/4"	18.1	61.5
32X1"	64.4	30.9	1"	20.1	78.3
40X1 1/4"	76.8	38.8	1 1/4"	22.1	93.5
50X1 1/2"	86	48.9	1 1/2"	25.1	94.4
63X2"	95	61.7	2"	29.1	112
20X3/4"	48.7	19	3/4"	16.1	62
32X1/2"	46.4	30.5	1/2"	20.1	64.0
32X3/4"	49.1	30.5	3/4"	20.1	62



ITEM NO: PRE05

MALE THREAD ELBOW

Nom Size	D	d	G	L	D1
20X1/2"	28.1	19	1/2"	16.1	43.5
20X3/4"	27.4	18.2	3/4"	16.2	47
25X1/2"	34.8	24	1/2"	18.1	44
25X3/4"	34.8	24	3/4"	18.1	49
32X1/2"	43.0	30.4	1/2"	20.2	48.6
32X3/4"	43.0	30.4	3/4"	20.2	49
32X1"	42.4	30.4	1"	20.8	65.1



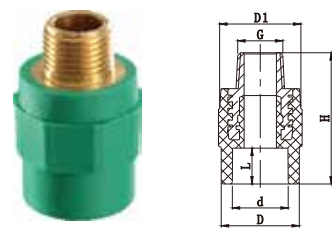
ITEM NO: PRE06

MALE THREAD ELBOW WALL PLATE

Nom Size	D	d	G	L	H	D1
20X1/2"	27.9	19	1/2"	16.1	64.2	43.5
25X1/2"	34.8	24	1/2"	18.1	68.4	43.5
25X3/4"	35.2	24	3/4"	18.1	72.8	49

PPR DIN PIPES & FITTINGS

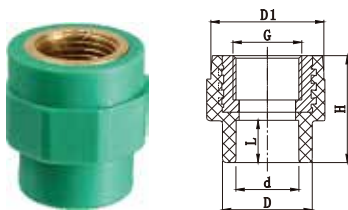
DIN8077/8088



ITEM NO: PR027

● II MALE THREAD BUSH

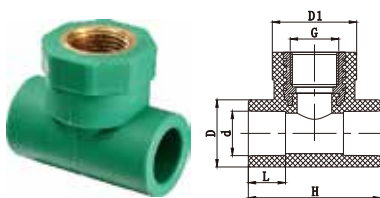
Nom Size	D	d	G	L	H	D1
20X1/2"	27.6	19.0	1/2"	16.1	63	41
25X1/2"	33.8	24.0	1/2"	18.5	64.5	35.2
25X3/4"	33.8	24.0	3/4"	15.5	57.6	43
32X1"	43.2	30.9	1"	18.5	64.5	50.2
50X1 1/2"	64.4	48.9	1 1/2"	23.6	76.6	69.2



ITEM NO: PR028

● II FEMALE THREAD BUSH

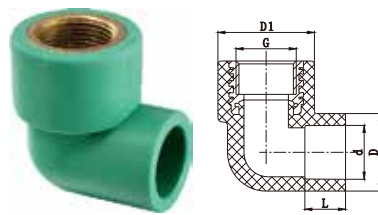
Nom Size	D	d	G	L	H	D1
20X1/2"	27.6	19.0	1/2"	15.0	40	41.1
25X1/2"	34.2	24.0	1/2"	15.5	41	35.3
25X3/4"	34.5	24.0	3/4"	16.1	41	43.4
32X1"	43.2	30.9	1"	18.5	46.5	50.2
50X1 1/2"	64.4	48.9	1 1/2"	23.6	56.6	69.2



ITEM NO: PR029

● II FEMALE THREAD TEE

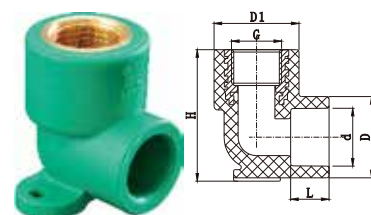
Nom Size	D	d	G	L	H	D1
20X1/2"	29	19.0	1/2"	16.1	57.3	38.4
25X1/2"	32.8	24.0	1/2"	15.5	64.2	36.2



ITEM NO: PR031

● II FEMALE THREAD ELBOW

Nom Size	D	d	G	L	D1
25X3/4"	34.8	24.0	3/4"	18.1	43.4
32X1"	42.6	30.9	1"	18.5	51



ITEM NO: PR032

● II FEMALE THREAD ELBOW WITH PLATE

Nom Size	D	d	G	L	H	D1
20X1/2"	29	19.0	1/2"	14	50.8	35.6
25X1/2"	34	24.0	1/2"	16.1	55	35.6



ITEM NO: PR034

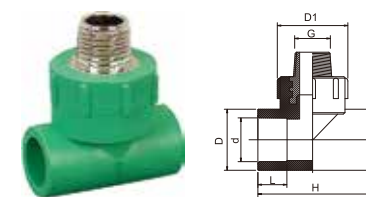
● PPR CUTTER

Nom Size	Carton size mm*mm*mm	Qty/ctn pc	Weight/ctn Kgs
20mm-32mm	504X486X217	50.0	26
20mm-63mm	450X440X330	20.0	23.3
20mm-110mm	365X380X325	12.0	22



DIN8077/8088

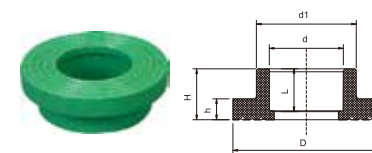
PPR DIN PIPES & FITTINGS



ITEM NO: PRT04

● MALE THREAD TEE

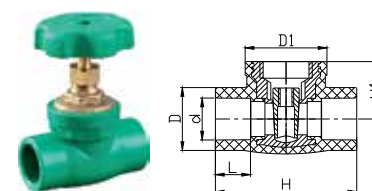
Nom Size	D	d	L	G	H	D1
20X1/2"	27.9	19	16.1	1/2"	56.4	43.5
25X3/4"	27.4	19	16.1	3/4"	62	47
25X1/2"	35.2	24	18.1	1/2"	64.2	44
25X3/4"	35.2	24	18.1	3/4"	64.2	49
32X1/2"	42.6	30.2	20.2	1/2"	70	46.4
32X3/4"	42.6	30.2	20.2	3/4"	76.5	49
32X1"	42.6	30.9	21.2	1"	81.2	65.1



ITEM NO: PR005

● SHORT PIPE FOR FLANGE

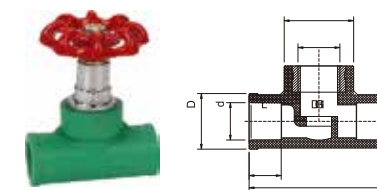
Nom Size	D	d	d1	L	H	h
40	77.3	38.8	52.6	22.2	26.8	11.4
50	86.6	48.9	66.7	24.3	30	13
63	99.8	61.7	83.1	28.7	33.7	14.3
75	121.6	73.4	99.9	31.5	36.7	16.8
90	140.5	88.8	120.8	36	41.6	18.3
110	166.6	107.5	146.4	42	48.2	20.1
160	211	157	189.5	56.5	63	21.4



ITEM NO: PRG001

● GATE VALVE

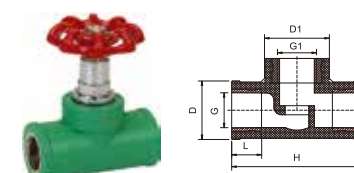
Nom Size	d	D	D1	L	H	H1
20	19.2	28.8	37.5	16.1	64.8	26.3
25	24.2	34	45	18.1	23	32.5
32	31.2	42.4	50	20.1	78	36.4
40	39	52.6	60	22.1	89	45.1
50	49.1	66.1	72	25.1	105	49.9
63	61.9	83.1	85	29.1	129	60



ITEM NO: PR011

● STOP VALVE

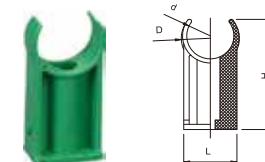
Nom Size	D	d	G	L	H	D1
20	29.0	19	1/2"	16.1	70.7	34.8
25	36.8	24	3/4"	18.1	83	44.7
32	43.4	30.9	3/4"	20.1	86.5	45.2
40	55.6	38.6	1"	22.5	97.4	55.5
50	70.1	48.9	1 1/4"	25.5	121.6	66.3
63	87.1	61.7	1 1/2"	28.7	133.1	74.8
75	103.2	73.4	2 1/4"	32	167.6	98
90	123.6	88.8	2 3/4"	36	201.9	118
110	149.5	107.5	3 1/2"	42	245.6	147



ITEM NO: PR011

● STOP VALVE(W/SCREW END)

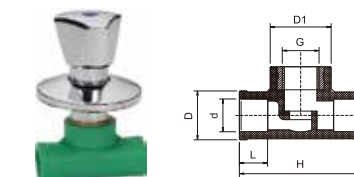
Nom Size	D	G	G1	L	H	D1
20	34.7	1/2"	1/2"	16.1	70.4	35.3
25	40.2	3/4"	3/4"	18.1	83.7	44.6
32	47.4	1"	1"	20.1	87.2	45.9



ITEM NO: PR010

● U-PIPE TRACKET

Nom Size	D	d	L	H
20	24	19.5	22	46.8
25	32.8	24.5	29.8	52.4
32	40.5	31.5	37	57
40	50	39.5	40.3	64
50	61.2	49.5	44	69.8
63	77	62.5	60	80



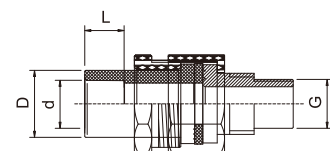
ITEM NO: PR017

● I STOP VALVE WITH CROM HANDLE

Nom Size	D	d	G	L	H	D1
20	29.0	19	1/2"	16.1	70.7	34.8
25	36.8	24	3/4"	18.1	83	44.7
32	43.4	30.9	3/4"	20.1	86.5	45.2



ITEM NO: PR009



COMBINING JOINT

Nom Size	D	d	L	G
20	27.4	19	16.1	1/2"
25	34.8	24	18.1	3/4"
32	42.4	30.9	20.1	1"



ITEM NO: PR014

COMPACT BALL VALVE

Nomial diameter D mm					
20	25	32	40	50	63



ITEM NO: PR012

FLANGE SOCKET

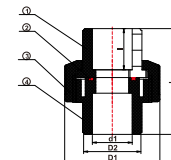
Nomial diameter D mm				
40	50	63	75	110



ITEM NO: PR013

HEAT-FUSED MACHINE HEAT-FUSED JOINT

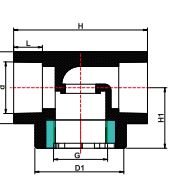
ø 20—ø 63	ø 20	ø 25
	ø 32	ø 40
	ø 50	ø 63
ø 75—ø 110	ø 75	ø 90
	ø 110	



ITEM NO: PR019

UNION

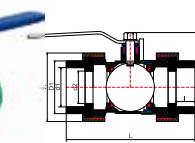
Nom Size	D1	D2	d1	I	L
20	47.7	28.3	19/20.8/21.2	22.5	58.7
25	57.3	34.8	24/25.2/25.8	24.0	64.2
32	68.2	42.4	30.9/32.6/33	27.4	71.2
40	82.2	52	38.8/40.9	31.0	86.4
50	98.3	61.5	46.9/48.9	34	90.5
63	120	75.8	58.5/61.7	38.6	107.0



ITEM NO: PR018

II STOP VALVE WITH CROME HANDLE

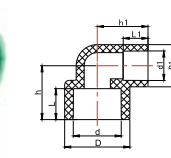
Nom Size	D	d	G	L	H	D1	H1
20X3/4"	28	19	3/4"	16	73.6	44.8	29.4
25X1"	33.2	24	1"	16.5	80.5	56	35.9
32X1"	43.2	30.9	1"	17.3	80.5	53.5	36.4



ITEM NO: PR020

TRUE UNION BALL COCK

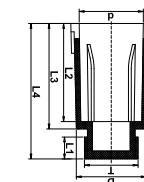
Nom Size	D1	d1	d2	I	L	H	A
20	27.4	19	15	19.0	92.8	37.5	40.5
25	34.8	24	20	19	101.2	45.2	48.4
32	42.4	30.9	26.9	21	114.5	51.7	57.3
40	52.6	38.8	32	22.7	144.1	62	75.1
50	66.1	48.9	42	25.7	175.8	69.8	92.7
63	83	61.7	51	29.7	202.8	86.25	108



ITEM NO: PRR001

REDUCING ELBOW

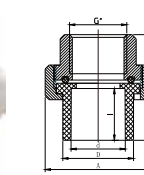
Nom Size	D	d	D1	d1	L	L1	h	h1
25X20	34.8	24	27.4	19	18.1	16.1	32.8	26.7
32X20	42.4	30.9	27.4	19	20.1	16.1	35	33
32X25	42.4	30.9	34.8	24	20.1	18.1	37	35
40X32	52.6	39	42.4	31.2	22.1	20.1	40.5	41.5



ITEM NO: PR021

TESTING CAP (ABS MATERIAL)

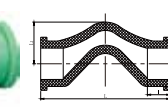
Nom Size	D	d	T	L1	L2	L3	L4
1/2"	31.2	28	Tr21x2	11.5	49.1	52.7	68.2
3/4"	35.32	32.3	Tr27x2	11	49.4	53.1	68.2



ITEM NO: PR022

FEMALE BRASS UNION

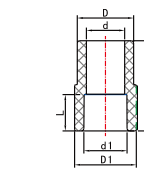
Nom Size	A	D	d	I	L	G
20X1/2"	43.7	27.8	19	16	42.6	1/2"
25X3/4"	50.2	34.5	24	17.7	46	3/4"
32X1"	59.9	42.5	30.9	19.3	49	1"
40X1 1/4"	74.2	52.1	38.8	21	53.5	1 1/4"
50X1 1/2"	91.2	65.4	48.9	24	57	1 1/2"
63X2"	104	79	61.7	27	63	2"



ITEM NO: PR024

PPR BRIDGE

Nom Size	D1	D	d	I	L1	L
20	32.3	28	19	15.3	27.4	82.3
25	40.7	34.8	24	17.3	32	99.2
32	49.2	43.5	30.9	19.9	40.2	118.4



ITEM NO: PR033

SOCKET M/F

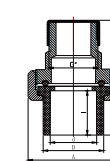
Nom Size	D1	d1	D	d	L1	H
25X20	27.4	19	25	17	16.1	40
20X16	21.8	15	27.4	19	14.5	34.4
25X16	21.8	15	34.8	24	14.5	37.3
32X16	21.8	15	42.4	30.9	14.5	41



ITEM NO: PR038

STOP VALVE WITH LONG HANDLE

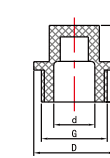
Size Nom	D	G	G1	L	H	D1
20	29.3	19.2	G1/2"	16.28	70	38
25	35	24.2	G3/4"	18.28	83	44



ITEM NO: PR023

MALE THREAD UNION

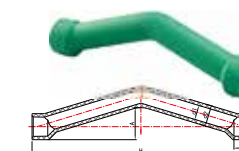
Nom Size	A	D	d	I	L	G
20X1/2"	39.3	26.4	19	16	53.6	1/2"
25X3/4"	50.2	34.5	24	17.7	59.7	3/4"
32X1"	59.9	42.5	30.9	19.3	67	1"
40X1 1/4"	74.2	52.1	38.8	21	73	1 1/4"
50X1 1/2"	91.2	65.4	48.9	24	80.5	1 1/2"
63X2"	104	79	61.7	27	89.2	2"



ITEM NO: PR026

THREAD PLUG

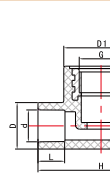
Nom Size	D	d	L	H	G
1/2"	27.3	11.8	12.3	27.9	1/2"
3/4"	32.6	16.5	12.8	30.7	3/4"
1"	39.4	24.5	13.7	26.2	1"



ITEM NO: PR025

BRIDGE II

Nom Size	D	d	d1	d2	L	H	A
20	27.4	19	14.6	22.8	16.1	190	27.8



ITEM NO: PRD001

III STOP VALVE

Nom Size	D	d	L	H	D1	G
20	28	19	16.1	76.2	45	3/4"
25	35.5	24	18.1	81	46	3/4"



ITEM NO: PRV001

PPR POUBLE FEMALE THREAD ELBOW WITH PLATE

Nom Size	D	d	D1	G	H1	H2	H	L1	L2
20X1/2"	29.8	19	39	1/2"	10.5	18	52.5	150	224.7
25X1/2"	36	24	39	1/2"	11.6	21	58	150	231.2



PPH THREAD FITTINGS

(IRAM13478)

PRESSURE FOR HOT AND COLD

IRAM 13478

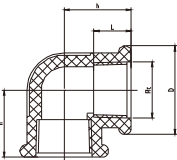
PPH THREAD FITTINGS



ITEM NO: THP01

PPH PIPE

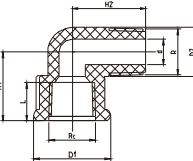
Nom Size	Outer Dia	Wall Thickness
1/2"	21.3	3.4
3/4"	26.9	3.9
1"	33.7	4.9



ITEM NO: TH001

90° ELBOW

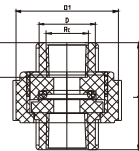
Nom Size	D	Rc	L	h
1/2"	34.5	1/2"	17	31.75
3/4"	41.5	3/4"	17.5	31.5
1"	50.5	1"	21	39.25
1 1/4"	61	1 1/4"	20	41.5
1 1/2"	67	1 1/2"	21	47
2"	85.5	2"	25.5	57.5



ITEM NO: TH002

90° ELBOW M/F

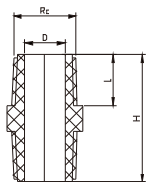
Nom Size	D1	D2	Rc	R	L	d	H1	H2
1/2"	34.5	22	1/2"	1/2"	17	11.5	30.8	33
3/4"	41.5	27	3/4"	3/4"	17.5	16	35	38.5



ITEM NO: TH003

UNION

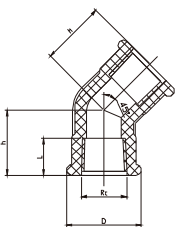
Nom Size	D	D1	Rc	L	I
1/2"	28	51	1/2"	53	18
3/4"	33.6	58	3/4"	57.5	20
1"	42.02	68.5	1"	47	18.5
1 1/4"	56.99	83	1 1/4"	56.5	21.5
1 1/2"	62	89	1 1/2"	74.5	21.5



ITEM NO: TH004

NIPPLE

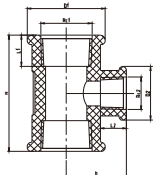
Nom Size	D	Rc	L	H
1/2"	13.2	1/2"	16.5	41.5
3/4"	17	3/4"	17.2	43.9
1"	21.5	1"	19.9	49
1 1/4"	29	1 1/4"	16.8	43.4
1 1/2"	33	1 1/2"	16.8	44.3
2"	42	2"	25	59



ITEM NO: TH006

45° ELBOW

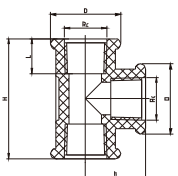
Nom Size	D	Rc	L	h
1/2"	34.5	1/2"	17	30



ITEM NO: TH013

REDUCING TEE

Nom Size	D1	D2	Rc1	Rc2	L1	L2	H	h
1"X1/2"	50.5	34.5	1"	1/2"	20	17	75	39
1"X3/4"	50.5	41.5	1"	3/4"	20	17.5	75	40.5
3/4"X1/2"	41.5	34.5	3/4"	1/2"	17	17.5	64.5	32.3



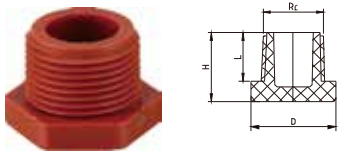
ITEM NO: TH008

TEE

Nom Size	D	Rc	L	H	h
1/2"	34.5	1/2"	17	59	29.5
3/4"	41.5	3/4"	17.5	64.5	33
1"	50.5	1"	20	77.5	39
1 1/2"	67	1 1/2"	22	94	47
2"	85.5	2"	25.5	115	57.5

PPH THREAD FITTINGS

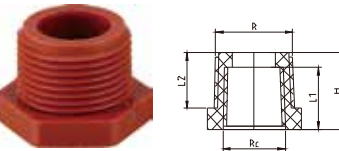
IRAM 13478



ITEM NO: TH009

PLUG FEMALE

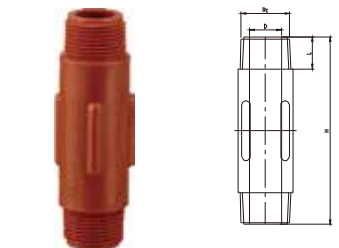
Nom Size	D	Rc	L	H
1/2"	28.5	1/2"	16.2	23
3/4"	36	3/4"	16.7	23.7
1"	34	1"	18	25.5
1 1/2"	50	1 1/2"	24	32
2"	61	2"	27.5	36



ITEM NO: TH010

REDUCING BUSH

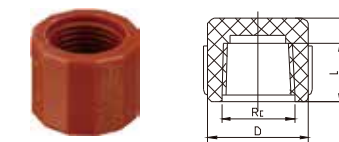
Nom Size	Rc	R	L1	L2	H
3/4"X1/2"	3/4"	1/2"	20.8	18.6	25.6
2"X1"	1"	2"	20	24.5	36
2"X1 1/2"	1 1/2"	2"	24	24.5	36
1 1/2"X1"	1"	1 1/2"	20	20.8	29



ITEM NO: TH011

LONG NIPPLE

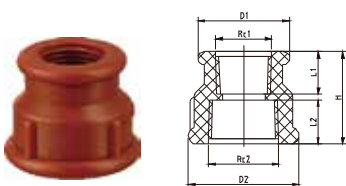
Nom Size	D	Rc	L	H
1/2" 10"	13	1/2"	16	150
1/2" 6"	13	1/2"	16	100
3/4"	17	3/4"	17	100



ITEM NO: TH012

FEMALE CAP

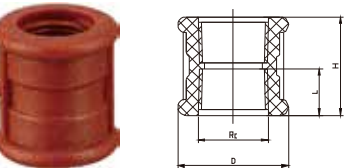
Nom Size	D	Rc	L	H
1/2"	29	1/2"	17	24
3/4"	36	3/4"	17.5	25



ITEM NO: TH005

REDUCING COUPLING

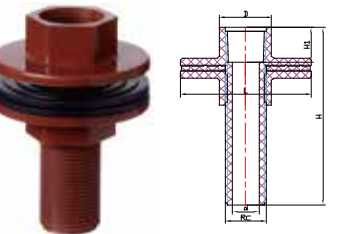
Nom Size	D1	D2	Rc1	Rc2	L1	L2	H
1/2"X3/4"	34.5	41.5	1/2"	3/4"	16	16.5	34.7



ITEM NO: TH007

COUPLING

Nom Size	D	Rc	H	L
1/2"	34.5	1/2"	36.5	17
3/4"	41.5	3/4"	37	17.5
1"	82	1"	40	19
1 1/4"	61	1 1/4"	45	21
1 1/2"	53	1 1/2"	45	21
2"	44.4	2"	54	25.5



ITEM NO: TH014

TANK CONNECTOR

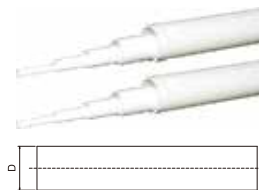
Nom Size	D	d	L	H	H1	G
1/2"	26.5	14	66	90	17.5	1/2"
3/4"	34	18.5	66	92	18.5	3/4"
1"	41	25	78	96.5	22	1"
2"	72.25	49	109.2	99	25	2"



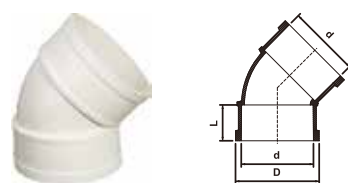
PVC PIPES & FITTINGS
FOR DRAINAGE

DRAINAGE

PVC PIPES&FITTINGS FOR DRAINAGE BS1329 BS1401



ITEM NO: UD001



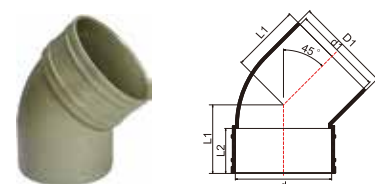
ITEM NO: UDE003

● DRAINAGE PIPES THE METRLC SYSTEM

Nom Size	Outer Dia	Wall Thickness
50	50	2.0
75	75	2.3
80	80	2.0
100	100	3.0
110	110	3.2
160	160	4.0
200	200	4.9
250	250	6.2

● DRAINAGE PIPES THE BS SYSTEM

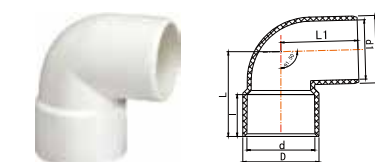
Nom Size	Outer Dia	Wall Thickness
1 1/4"	36.3	2.2
1 1/2"	42.9	2.3
2"	55.9	2.2
3"	82.6	3.2
4"	110	3.2
6"	160	4.0
8"	200	4.9
10"	250	6.2



ITEM NO:UDE006

● 45° ELBOW M/F DIN

Nom Size	d	d1	D1	L2	L1
110	110	103.6	110	51.7	78.8



ITEM NO:UDE010

● 90° ELBOW M/F BS

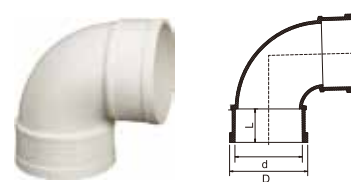
Nom Size	D	d	d1	G	L
25X3/4"	33.3	25	43	3/4"	19.5

● 45° ELBOW DIN

Nom Size	D	d	L
50	58.4	50	25
75	83.5	75	40
110	120.6	110	48
160	173.6	160	58
200	216	200	70
250	266.6	250	75

● 45° ELBOW BS

Nom Size	D	d	L
1 1/2"	52	42.9	23
2"	62	55.9	29
3"	91.2	82.6	40
4"	120.6	110	48
6"	173.6	160	58
8"	216	200	70
10"	266.8	250	75



ITEM NO: UDE001

● 90° ELBOW DIN

Nom Size	D	d	L
50	58.4	50	25
75	83.5	75	40
110	120.6	110	48
160	173.6	160	58
200	216	200	70
250	266.6	250	75

● 90° ELBOW BS

Nom Size	D	d	L
1 1/4"	42.5	36.3	24.5
1 1/2"	52	42.9	23
2"	62	55.9	29
3"	91.2	82.6	40
4"	120.6	110	48
6"	173.6	160	58
8"	216	200	70
10"	266.8	250	75



BS1329 BS1401 PVC PIPES&FITTINGS FOR DRAINAGE



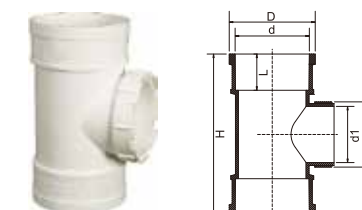
ITEM NO: UDE002

● 90° ELBOW (WITH INSPECTION PORT) DIN

Nom Size	D	d	L	G	d1
40	44.3	40.3	23.3		20.18
50	58.4	50	25	M45X2	38.8
75	83.5	75	40	M45X2	38.2
110	120.6	110	48	M72X2	63.5
160	173.6	160	58	M72X2	63.5

● 90° ELBOW (WITH INSPECTION PORT) BS

Nom Size	D	d	L	G	d1
2"	62	55.9	29	M45X2	38.8
3"	91.2	82.6	40	M45X2	38.2
4"	120.6	110	48	M72X2	62.8
6"	173.6	160	58	M72X2	61.2



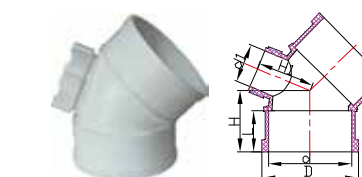
ITEM NO: UD002

● INSPECTION PORT DIN

Nom Size	D	d	L	G	d1	H
50	58.4	50	25	M45X2	38.8	111
75	83.5	75	40	M72X2	63.5	168.8
110	120.6	110	48	M105X3	96.5	230
160	173.6	160	58	M105X3	94.3	275
200	216	200	70	M145X4	134	335
250	266.6	250	75	M145X4	133	361

● INSPECTION PORT BS

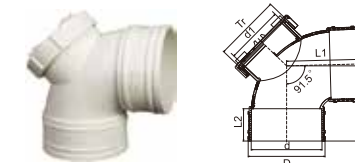
Nom Size	D	d	L	G	d1	H
2"	62	55.9	29	M45X2	38.8	111
3"	91.2	82.6	40	M72X2	63.5	168.8
4"	120.6	110	48	M105X3	96.5	230
6"	173.6	160	58	M105X3	94.3	275
8"	216	200	70	M145X4	134	335
10"	266.6	250	75	M145X4	133	361



UDE011
ITEM NO:

● 45° ELBOW (WITH INSPECTION PORT)

Nom Size	D	d	d1	L	H	H1
50	58.4	50.4	23.3	25	37	34.41



ITEM NO: UDE005

● 90° DOOR ELBOW BS

Nom Size	D	d	L2	Tr	d1	L1
3"	92.5	82.6	43	Tr76X4	66.5	96
4"	120	110	51.3	Tr104X4	90.4	119.3



ITEM NO: UD003

● COUPLING DIN

Nom Size	D	d	L	H
50	58.4	50	25	52
75	83.5	75	40	82
110	120.6	110	48	99
160	173.6	160	58	120
200	216	200	70	144.5
250	266.6	250	75	155

● COUPLING BS

Nom Size	D	d	L	H
1 1/2"	52	42.9	23	48.5
2"	62	55.9	29	61
3"	91.2	82.6	40	82
4"	120.6	110	48	99
6"	173.6	160	58	125
8"	216	200	70	144.5
10"	266.6	250	75	155



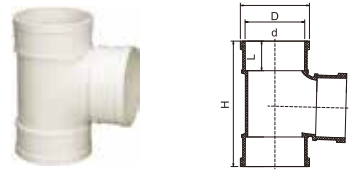
ITEM NO: UD008

● CLEAN OUT DIN

Nom Size	D	d	H
50	50	46	39
75	75	70.4	54
110	110	103.6	64.5
160	160	152	78

● CLEAN OUT BS

Nom Size	D	H
1 1/4"	36.3	40
1 1/2"	42.9	48.5
2"	55.9	61
3"	82.6	82
4"	110	99
6"	160	125



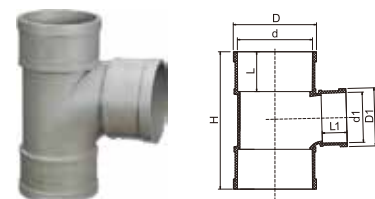
ITEM NO: UDT001

● DOWNSTREAM TEE DIN

Nom Size	D	d	L	H
50	58.4	50	25	106
75	83.5	75	40	166
110	120.6	110	48	219
160	173.6	160	58	296
200	216	200	70	355
250	266.6	250	75	423

● DOWNSTREAM TEE BS

Nom Size	D	d	L	H
1 1/4"	42.7	36.3	23	99
1 1/2"	52	42.9	23	100.5
2"	62	55.9	29	133
3"	91.2	82.6	40	170
4"	120.6	110	48	219
6"	173.6	160	58	296
8"	216	200	70	355
10"	266.8	250	75	423



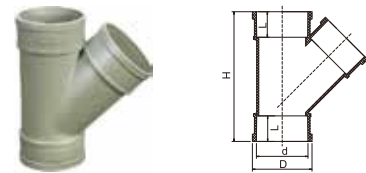
ITEM NO: UDT002

● REDUCING DOWNSTREAM TEE DIN

Nom Size	D	d	L	H	D1	d1	L1
75X50	83.5	75	40	138	58.4	50	25
110X50	120.6	110	48	155	58.4	50	25
110X75	120.6	110	48	185	83.5	75	40
160X110	173.6	160	58	238	120.6	110	48
200X160	216	200	70	320	173.6	160	58
250X200	266.6	250	75	382.9	214.6	200	70

● REDUCING DOWNSTREAM TEE BS

Nom Size	D	d	L	H	D1	d1	L1
3"X2"	91.2	82.6	40	138	62	55.9	29
4"X2"	120.6	110	48	155	62	55.9	29
4"X3"	120.6	110	48	185	91.2	82.6	40
6"X4"	173.6	160	58	238	120.6	110	48
8"X6"	216	200	70	320	173.6	160	58
10"X8"	266.6	250	75	382.9	216	200	70



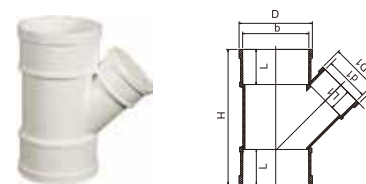
ITEM NO: UDT003

● SKEW TEE DIN

Nom Size	D	d	L	H
50	58.4	50	25	127
75	83.5	75	40	192
110	120.6	110	48	259
160	173.6	160	58	257
200	212.8	200.9	70	442

● SKEW TEE BS

Nom Size	D	d	L	H
1 1/2"	52	42.9	23	121.1
2"	62	55.9	29	152.1
3"	91.2	82.6	40	195
4"	120.6	110	48	259
6"	173.6	160	58	257



ITEM NO: UDT004

● REDUCING SKEW TEE DIN

Nom Size	D	d	L	H	D1	d1	L1
75X50	83.5	75	40	154	58.4	50	25
110X50	120.6	110	48	174	58.4	50	25
110X75	120.6	110	48	208	83.5	75	40
160X110	173.6	160	58	279.5	120.6	110	48

● REDUCING SKEW TEE BS

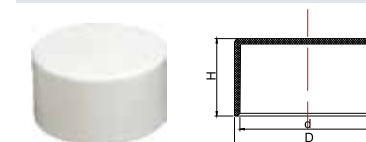
Nom Size	D	d	L	H	D1	d1	L1
4"X2"	120.6	110	48	174	62	55.9	29
6"X4"	173.6	160	58	279.5	120.6	110	48



ITEM NO:UDT006

● REDUCING COUPLING BS

Nom Size	D	d	L	D1	d1	L1	H
1 1/2"X1 1/4"	47.2	42.9	29	40.5	36.3	20	60
2"X1 1/4"	60.5	55.9	29	40.45	36.45	20	65
2"X3/4"	60.5	55.9	29	30	27	19.5	59.5
3"X2"	88.1	82.6	40	60.5	55.9	29	98
4"X2"	116.9	110	50	60.5	55.9	29	108
4"X3"	116.9	110	50	88.1	82.6	40	120



ITEM NO:UDECO1

● END CAP

Nom Size	D	d	L	H
1 1/2"	47.7	43.1	23	26
2"	61	56.4	29	32
3"	87.5	82.9	50	53



ITEM NO: UDC001

● PLANE CROSS DIN

Nom Size	D	d	L	H	D1	d1	L1
50	58.4	50	25	106	58.4	50	25
75	83.5	75	40	166	83.5	75	40
110	120.6	110	48	219	120.6	110	48
125	132.2	125.6	51.5	254	132.2	125.6	51.5
160	173.6	160	58	296	173.6	160	58
75X50	83.5	75	40	138	58.4	50	25
110X50	120.6	110	48	155	58.4	50	25
110X75	120.6	110	48	185	83.5	75	40
160X110	173.6	160	58	238	120.6	110	48

● PLANE CROSS BS

Nom Size	D	d	L	H	D1	d1	L1
4"	120.6	110	48	219	120.6	110	48
6"	173.6	160	58	296	173.6	160	58
3"X2"	91.2	82.6	40	138	62	55.9	29
4"X2"	120.6	110	48	155	62	55.9	29
6"X4"	216	200	70	238	120.6	110	48



ITEM NO: UDC002

● CUBIC CROSS DIN

Nom Size	D	d	L	H
110	120.6	110	48	219



ITEM NO: UDC003

● SKEW CROSS DIN

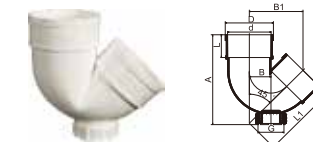
Nom Size	D	d	L	H
110	120.6	110	48	219



ITEM NO: UDS003

● P-TRAP DIN

Nom Size	D	d	L	d1	G
50	58.4	50	25	38.8	M45X2
63	69.5	63.5	38	37	M43X2
75	83.5	75	40	38.2	M45X2
80	85.5	80.5	42.5	49.8	M55.8X2
110	120.6	110	48	63.5	M72X2
160	173.6	160	58	63.5	M72X2



ITEM NO: UDS002

● DOUBLE SOCKET TRAP DIN

Nom Size	D	d	L	A	B	B1	G	L1
50	58.4	50	25	106.5	25	61	M45X2	86.3
75	83.5	75	40	158.2	37.5	93	M45X2	131.5
110	120.6	110	48	218.2	55	129.2	M72X2	182.7

● DOUBLE SOCKET TRAP BS

Nom Size	D	d	L	A	B	B1	G	L1
2"	62	55.9	29	106.5	25	61	M45X2	86.3
3"	91.2	82.6	40	158.2	37.5	93	M45X2	131.5
4"	120.6	110	48	218.2	55	129.2	M72X2	182.7
6"	173.6	160	58	275	80	179.4	M72X2	253.7



ITEM NO: UDS001

● SINGLE SOCKET TRAP DIN

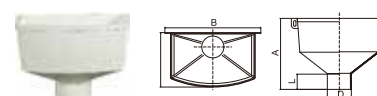
Nom Size	D	d	L	d1	d2	G
50	58.4	50	25	38.8	50	M45X2
75	83.5	75	40	38.2	75	M45X2
110	120.6	110	48	63.5	110	M72X2
160	173.6	160	58	63.5	160	M72X2



ITEM NO: UD005

● WC CONNECTOR DIN

Nom Size	D	d	L	D1	d1	L1	H
110	134.3	125	43.8	117	110	48	95

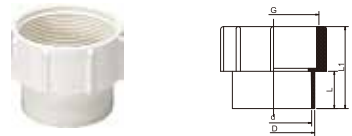


ITEM NO: UD006

● SQUARE RAIN WATER HOPPER DIN

Nom Size	D	L	A	B
50	70	40	210	280
75	102.2	45	230.9	332
110X75	102.2/69.6	55/45	278.9	332
160	160	56.5	232	358.2

PVC PIPES&FITTINGS FOR DRAINAGE BS1329 BS1401



ITEM NO: UD009

WATER BASIN CONNECTOR DIN

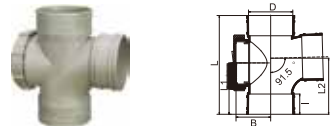
Nom Size	d	D	G	L	L1
50X40	50.0	54.4	G 1 1/2"	25	55
50X50	50.0	54.4	G 2"	25	55



ITEM NO: UDS004

S-TRAP DIN

Nom Size	D	d	H	G
50	58.4	50	25	M45X2
63	69.5	63.5	36	M43X2
75	83.5	75	40	M45X2
80	84.9	80.5	42.5	M55.8X2
110	120.6	110	48	M72X2



ITEM NO:UDT008

DOOR TEE

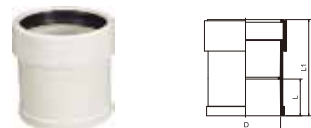
Nom Size	D	B	I	L	L1	L2
50	58.4		25	106	51	
110	110	86.5	51.3	250.3	130.2	142.1
160	160.6	111.5	60.3	288.2	144.1	144.1



ITEM NO:UDE004

90° ELBOW WITH SIDE PORT

Nom Size	d	D	L1	L2	L3
110	110	121	52	130.1	136.6



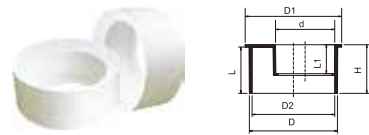
ITEM NO: UD015

COUPLING EXTENSION DIN

Nom Size	D	L	L1
50	50	25	72.5
75	75	40	104.8
110	110	48	124
160	160	58	154.5

COUPLING EXTENSION BS

Nom Size	D	L	L1
2"	55.9	29	72.5
3"	82.6	40	104.8
4"	110	48	124
6"	160	58	154.5



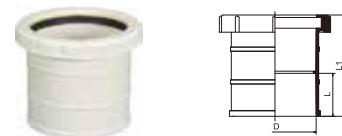
ITEM NO: UD004

REDUCING BUSHES DIN

Nom Size	D	d	L	D1	D2	L1	H
75X50	75	50	40	82.1	70.4	25	42
110X50	110	50	48	119.4	103.4	25	50
110X75	110	75	48	119	103.4	40	50
160X110	160	110	58	171.6	151.8	48	60
200X160	200	160	70	213	190.9	58	73
250X200	250	200	75	260.6	239.9	70	80

REDUCING BUSHES BS

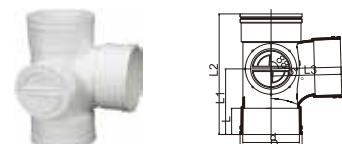
Nom Size	D	d	L	D1	D2	L1	H
2"X1 1/2"	55.9	42.9	29	62	50.4	22.5	31
3"X2"	82.6	55.9	40	91.2	76.9	29	42
4"X1 1/2"							
4"X2"	110	55.9	48	119.4	104	29	50
4"X3"	110	82.6	48	119.4	82.6	40	50
6"X4"	160	110	58	171.6	152	48	60
8"X6"	200	160	70	213	190.9	58	73
10"X8"	250	200	75	260.6	239.9	70	80



ITEM NO: UD014

EXTENSION JOINT DIN

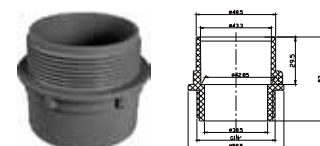
Nom Size	D	L	L1
50	50	25	62
75	75	40	94.3
110	110	48	112.2
160	160	58	146
200	200	70	171.5



ITEM NO:UDT007

TEE WITH SIDE PORT

Nom Size	d	D	L	L1	L2	L3
110	110	121	52	130.1	239	136.6



ITEM NO:UD0030

MALE SOCKET

Nom Size	D1	D	d	d1	L	H	G
1 1/2"	58.5	48.5	42.9	38.5	29.5	52	1 1/2"
2"	71	61.5	55.9	51.5	31.8	54.5	2"



BS1329 BS1401 PVC PIPES&FITTINGS FOR DRAINAGE



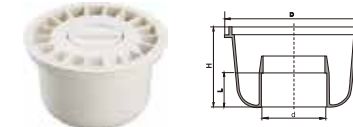
ITEM NO: UD007

VENT CAP DIN

Nom Size	D	d	L	H	d1
50	54.4	50	25	49	19.8
75	80.1	75	40	82	39.8
110	117	110	48	99.9	61.1
160	168.6	160	58	143	82.3

VENT CAP BS

Nom Size	D	d	L	H	d1
2"	62	55.9	29	49	19.8
3"	91.2	82.6	40	82	39.8
4"	120.6	110	48	99.9	61.1
6"	173.6	160	58	143	82.3



ITEM NO: UDD001

II-FLOOR DRAIN DIN

Nom Size	D	d	L	H
50	108	50	25	67
75	159	75	40	94



ITEM NO: UDD003

BALCONY FLOOR DRAIN DIN

Nom Size	D	d	L	H	D1
50	54.4	50	25	59.5	81.4



ITEM NO: UDD004

SIMPLE FLOOR DRAIN DIN

Nom Size	D	d	L	H
50	53	45	25	28.5
75	86	69	40	44
110	119	102.4	48	52.5
160	174	143.6	58	70

SIMPLE FLOOR DRAIN BS

Nom Size	D	d	L	H
2"	53	55.9	24.8	28.5
3"	86	82.6	40	44
4"	119	102.4	48.5	52.5
6"	174	143.6	64	70



ITEM NO: UD012

II-LIFTING LUG DIN

Nom Size	D	A1	A2	L1
50	50	37.7	34.4	52.5
75	75	50.5	47.4	65
110	110	71	68.5	90.6
160	160	95.5	94.9	115.7



ITEM NO: UD033

U CLIP

Nom Size	d	D	D1	L	H
3"	82	90	129	57.5	102.5
4"	110	119	175	69	128.5



ITEM NO: UD011

LIFTING LUG DIN

Nom Size	D	L	L1
50	50	72	38
75	75	98	51
110	110	133	69
160	160	190	100.6



ITEM NO: UD010

PIPE CLAMP DIN

Nom Size	D	L	L1
50	50	72	38
75	75	98	51
110	110	133	69
160	160	190	100.6



ITEM NO: UD013

LEAK PROOF RING DIN

Nom Size	d	D	D1	L	L1
50	50	54.2	73	15	5
75	75	70.4	105.6	20.5	7
110	110	117.0	140	20.5	7

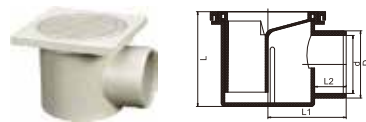
PVC PIPES&FITTINGS FOR DRAINAGE BS1329 BS1401



ITEM NO: UDD002

HIGH-DEEP FLOOR DRAIN DIN

Nom Size	D	d	L	H	D1
50	99.2	50	25	104.5	119
75	124	75	40	104.5	114.2



ITEM NO:UDD008

JNL FLOOR DRAIN DIN

Nom Size	D	d	L	L1	L2
50	58.3	50	82.2	67.6	27.4



ITEM NO: UDD005

SQUARE FLOOR DRAIN DIN

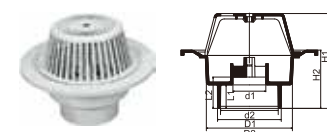
Nom Size	D	d	L	H	D1
50	54.4	50	25	75	105
110	117	110	48	104.4	182.4



ITEM NO:UDD020

ROOF DRAIN FEMALE

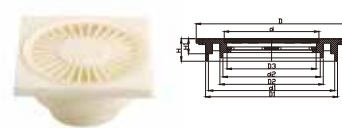
Nom Size	d1	D1	D2	L1	L2	H1	H2
75X63	63.0	75	164.9	60	45	111.6	181.7



ITEM NO:UDD021

ROOF DRAIN MALE

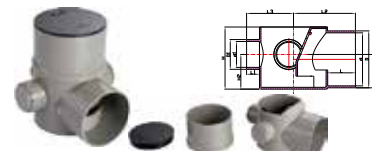
Nom Size	d1	d2	D1	D2	L1	L2	H1	H2
110	63	110.0	122.1	164.9	45	60	179.2	111.6



ITEM NO:UDD045

SQUARE FLOOR DRAIN II

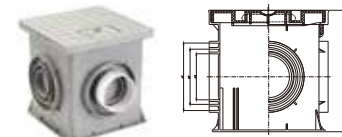
Nom Size	D	d	D1	L	H
50	54.1	50.4	98	16.7	49.9



ITEM NO: UDD046

JR FLOOR DRAIN

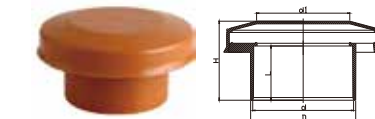
Nom Size	D	d	D1	d1	L	L1	L2	L3	H	H1	H2
125X110X50	110	102.5	57.5	50	53.55	25	119.75	90.75	120	64.5	67



ITEM NO:UDD047

CATCH BASIN

Nom Size	H	d1	d2	d3	d4
200X200	199	110	90	75	
300X300	295	159.9	109.9	74.9	
400X400	387	200.9	160.8	110.6	75.5



ITEM NO:UD037

ROOF DRAIN

Nom Size	D	d	L	H	d1
110	116.7	112	60.2	87.7	103.5



ITEM NO:UDD015

MALE FLOOR DRAIN DIN

Nom Size	d1	d2	D1	D2	D3	A	H	H1	H2
40	94	34.6	40	40.3	92.2	99	93	61	7.5
50X40	134	40.4	50	50.3	118.3	146	100.5	60	8
75X63	179.3	63.2	75	75.3	164	198.5	109.2	64.5	8
110	179.3	98	110	110.3	164	198.5	107.2	64.5	8



BS1329 BS1401 PVC PIPES&FITTINGS FOR DRAINAGE



ITEM NO:UDD023

APPLE GRATING (PP MATERIAL) BS

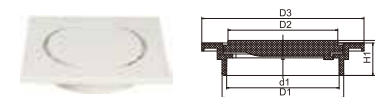
Nom Size	d1	d2	D1	D2	A	L	L1	L2	L3
2"	100.4	52.8	55.9	56.3	147	70.5	22.4	18	7



ITEM NO:UDD011

FLOOR DRAIN (SNOW FLAKE) DIN

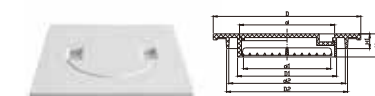
Nom Size	d1	D1	H1	H2	L
50	45.3	50	80.3	66	115.9



ITEM NO:UDD010

FLOOR DRAIN COVER BS

Nom Size	d1	D1	D2	D3	H1	H2
15X15(mm)	101.96	110	99.5	147	29.4	31.8



ITEM NO:UDD010-1

FLOOR DRAIN COVER BS

Nom Size	D	d	D1	d1	D2	d2	H1	H
15X15(mm)	149	96	100	88	122.7	117.2	15	23



ITEM NO:UDD010-2

FLOOR DRAIN COVER BS

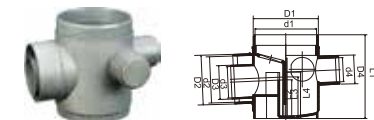
Nom Size	D	d	D1	d1	D2	d2	H1	H
15X15(mm)	150	97	94	86	122.7	117.2	15	22



ITEM NO: UDD048

FLOOR DRAIN COVER BS

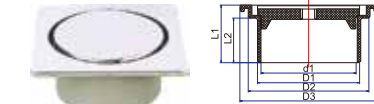
Nom Size	D	d	D1	d1	D2	d2	D3	H	H1
20X20(mm)	200.5	126.5	175.5	168	137.5	129.5	118.5	30	20



ITEM NO:UDD009

FLOOR DRAIN BS

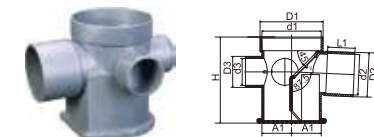
Nom Size	D1	d1	D2	d2	D3	d3	D4	d4	L1	L2	L3	L4
4"X3"X2"X1 1/2"	116.8	110	89	82.6	60.6	55.9	51.5	42.9	150.2	69.44	74.61	83.12



ITEM NO:UDD022

FLOOR DRAIN COVER WITH STAINLESS COVER BS

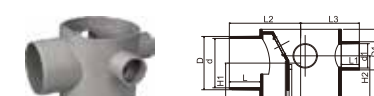
Nom Size	d1	D1	D2	D3	L1	L2
4"	102.5	110	130	145.6	62	48



ITEM NO:UDD012

FLOOR DRAIN

Nom Size	d1	D1	d2	D2	d3	D3	L1	A1	H
100X75X50X50X50	110.7	117.5	75	82.4	50	57.7	51	57.5	157



ITEM NO:UDD007

FLOOR DRAIN

Nom Size	d	D	d1	D1	L	L1	L2	L3	H	H1	H2
160X110X50	102.2	110	50	58.2	65.1	37.5	147.5	121.5	90.9	105.9	160.8



ITEM NO:UDD040

FLOOR TRAP WITH COVER

Nom Size	D	d	D1	d1	D2	d2	D3	d3	L	L2	L3	h	H
100X75X50X40	105.6	101.6	79	75	54	50	46	40	42	40	20.5	50	150

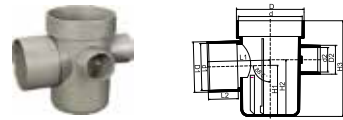


ITEM NO:UDD041

GULLY TRAP LOWER TYPE DIN STANDARD

Nom Size	D	d	D1	d1	L1	h	H
100X50X40	105.6	101.6	46	40	39	50	150

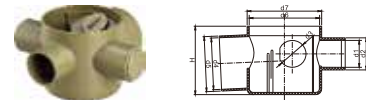
PVC PIPES&FITTINGS FOR DRAINAGE BS1329 BS1401



ITEM NO:UDD024

FLOOR DRAIN

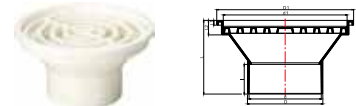
Nom Size	D	d	D1	d1	D2	d2	L1	L2	H1	H2	H3
4"X3"	116.8	110.4	89	82.6	51	43.3	108	51.5	90.3	100.1	169



ITEM NO:UDD027

GULLY TRAP LOWER TYPE

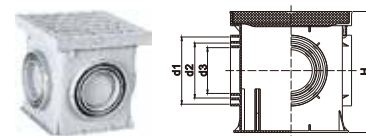
Nom Size	d1	d2	d3	d4	d5	d6	d7	H
4X3X2X1 1/2"	43.2	51.5	43.2	82.9	88.4	110.5	117	109.8



ITEM NO: UDD026

FLOOR DRAIN

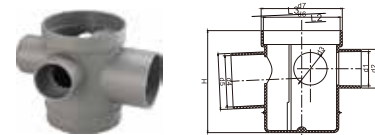
Nom Size	D	d	D1	d1	I	L1	L2	L
6"X4"	117	110	210	190	46.5	7.5	22.7	115.5



ITEM NO:UDD028

CATCH BASIN SQARE

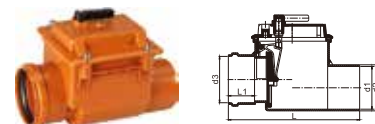
Nom Size	H	d1	d2	d3
200X200	199	110	90	75



ITEM NO:UDD029

FLOOR TRAP

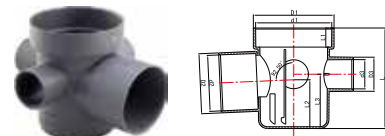
Nom Size	d1	d2	d3	d4	d5	d6	d7	H
100X75X50	50.6	57	48	75.6	81.8	110.5	116.8	150



ITEM NO:UDD030

DRAINAGE NON-RETURN VALVE

Nom Size	d1	d2	d3	L	L1
110	102	110	110.6	306.8	61.3
160	154.2	160	160.6	325.7	74
200	190	200	204	451	84



ITEM NO:UDD034

BH FLOOR DRAIN

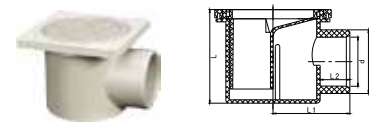
Nom Size	D1	d1	D2	d2	D3	d3	L1	L2	L3	L
4"X3"X2"X1 1/2"	117	110	89	83	51.5	43.3	28.3	72.3	80.5	149



ITEM NO:UDD035

FLOOR DRAIN

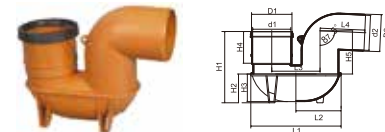
Nom Size	D	d	D1	d1	L	L1	H
50	56.2	50	104.3	98.2	30.3	75	87.8



ITEM NO:UDD032

II JNL FLOOR DRAIN

Nom Size	D	d	L	L1	L2
2X1 1/2"	55.9	43.1	82.2	66	25.5



ITEM NO:UD017

P-TRAP BS

Nom Size	D1	d1	D2	d2	H1	H2	H3	H4	H5	L1	L2	L3	L4
4"	117	110.5	110	104	212	85.5	82	94.7	128.5	262.2	126.5	140.4	130.1



ITEM NO:UDL001

P-TRAP II

Nom Size	D1	d1	D2	d2	H1	H2	H3	H4	H5	L1	L2	L3	L4
4"	120.8	114.8	110	104	189.5	84	80.77	92.7	108.5	238.5	121.16	158.13	106



ITEM NO:UDD033

FLOOR TRAP

Nom Size	D1	d1	D2	d2	D3	d3	d4	L1	L2	L3	L
6"X4"X4"	167	160	110	104	127.2	118	112	132	135.4	270	372



ITEM NO:UDD031

BALCONY DRAIN

Nom Size	D	d	H
110	110	102	198



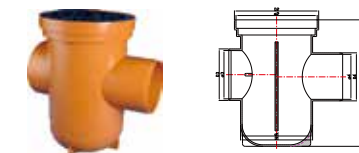
BS1329 BS1401 PVC PIPES&FITTINGS FOR DRAINAGE



ITEM NO:UDD037

ANGLE FLOOR DRAIN

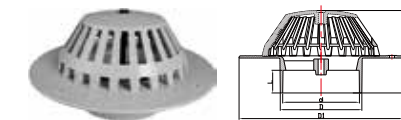
Nom Size	D1	d1	D2	d2	D3	d3	D4	d4	H
80	161.4	154.4	188.8	181.8	118	110	110	103	289.5



ITEM NO:UDD038

FLOOR TRAP TYPE II

Nom Size	D	d	D1	d1	L	L1	H	H1	
6"X4"X4"	80	80	72	87.8	80	47	43	160	117



ITEM NO:UDD039

ROOF DRAIN

Nom Size	D1	D	d	L	H
3"	177.4	89	82.6	25	91.1
4"	404	116.5	110	28.5	169



ITEM NO:UDD042

GULLEY TRAP LOWER TYPE DIN STANDARD

Nom Size	D	d	d1	d2	d3	d4	H
110X75X50	117	110	75	69	50	56	106



ITEM NO:UDD043

FLOOR DRAIN

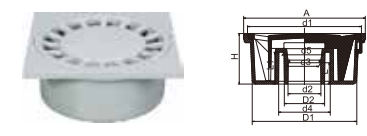
Nom Size	D	D1	d	L	H	H1
150X150X50	49.3	151.8	43.3	116.5	72.7	60
200X200X50	49.3	180.8	43.3	137.2	73.2	60.2



ITEM NO:UDD044

FLOOR DRAIN

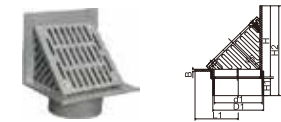
Nom Size	D	D1	d	d1	L	I
4"	117	164.5	110.6	154.5	90	26



ITEM NO:UDD018

FEMALE FLOOR DRAIN DIN

Nom Size	d1	d2	d3	d4	d5	D1	D2	A	H	L	L1
50X40X32	93.6	32.0	31.9	50	40.3	84.75	40	99	50.6	24.8	32
63X50X40	140	40.0	39.9	63	50.3	128.5	50	149.5	63.5	26.8	40
90X75X63	183.5	63.0	62.9	90	75.3	166	75	199	92.2	46.1	59.3



ITEM NO:UDD006

RAIN WATER OUTLET

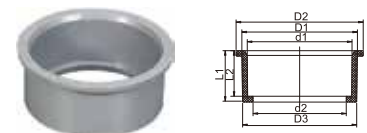
Nom Size	D1	d1	L1	B	H	H1	
110	117	110	99.5	4.5	167.5	40.5	211.5



ITEM NO:UD020

CLAMP WITH SCREW

Nom Size	d1	d2	D	L1	L2	R1	R2
3"	61.7	50	68.2	39	140.8	40.3	43.6
4"	61.7	50	68.2	34.6	166.2	54.5	57.5
6"	61.7	50	68.2	31.3	192	80.1	83



ITEM NO:UD019

REDUCING RING FOR CLAMP

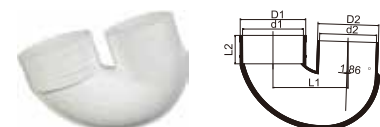
Nom Size	d1	D1	D2	d2	D3	L1	L2
2"X3"	55.9	62	68.2	50	61.2	27.7	25



ITEM NO:UD018

PAN ADAPTOR

Nom Size	d1	D1	d2	D2	D3	L1	L2
4"	103.6	110	73	125.4	141.6	211.7	142.4



ITEM NO:UD021

U-TRAP

Nom Size	d1	D1	d2	D2	L1	L2
110	110	118.4	103	110	135.5	52.5

PVC PIPES&FITTINGS FOR DRAINAGE BS1329 BS1401



ITEM NO:UD0031

SYPHON + ELBOW 45° TYPE III

Nom Size	D	D1	d1	D2	d2	L1	H1	H
110	126	117	110	110	103	54	97	152

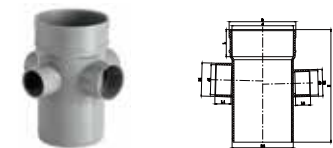
Nom Size	D	D1	d1	D2	d2	L1	H1	H2
110	126	117	110	110	103	54	92.8	91.4



ITEM NO:UD028

SYPHON

Nom Size	D	d	d1	d2	L	H
110	120	110	110	103.4	49.5	200

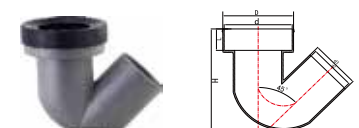


ITEM NO: UD034

RAISER

Nom Size	d	d1	d2	D	D1	D2	D3	L	L1	L2	H
4X2X1 1/2"	110.5	56.1	43.3	120	62	50	110	50.5	28.9	27	210

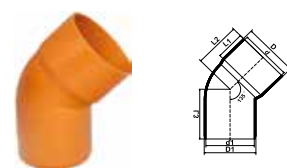
Nom Size	D	D1	D2	d	d2	L	L1	L2	L3	L4	H
110X63X50	116.35	110	62.9	62.9	50.39	95	49	26	160.5	166	185



ITEM NO:UD029

SYPHON TYPE II

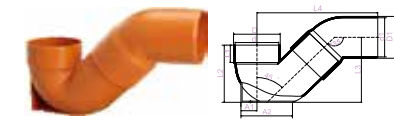
Nom Size	D	d	d1	d2	L	H
150X110	156	150	110	103.4	49	231



ITEM NO:UDR003

45° ELBOW M/F

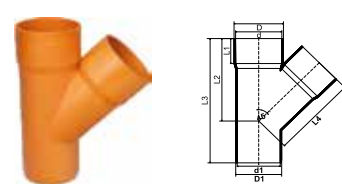
Nom Size	D	d	D1	d1	L1	L2	L3
110	118	110	110	103	62	99.3	109.8



ITEM NO:UDR005

WING P-TRAP

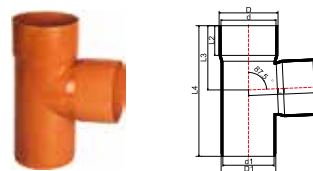
Nom Size	D	d	D1	d1	L1	L2	L3	L4	A1	A2
110	118	110	110	103	45.7	150.4	170.9	306.27	40.65	130.71



ITEM NO:UDR001

SKEW TEE M/F

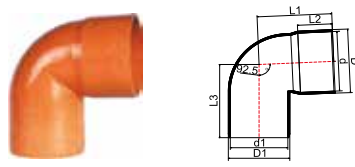
Nom Size	D	d	D1	d1	L1	L2	L3	L4
110	118	110	110	103	204.72	62	308.5	204.63



ITEM NO:UDR006

TEE M/F

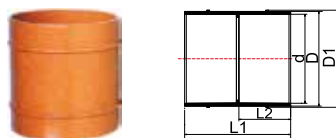
Nom Size	D	d	D1	d1	L1	L2	L3	L4
110	118	110	110	103	132.35	62	134.03	272.5



ITEM NO:UDR008

90° ELBOW M/F

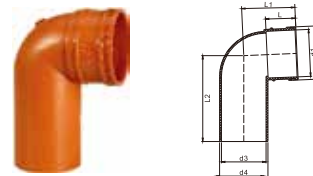
Nom Size	D	d	D1	d1	L1	L2	L3
110	118	110	110	103	133.75	62	135.82



ITEM NO:UDR011

COUPLING II

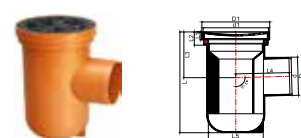
Nom Size	D	D1	d	L1	L2
110	117.6	120.6	110	127	62



ITEM NO:UD026

LONG BEND 90° ELBOW

Nom Size	d1	d2	d3	d4	L1	L2	L
3"	82.9	94	76	82.4	90.7	151.6	51
4"	110	121	102.8	110.2	108.6	197	48.5



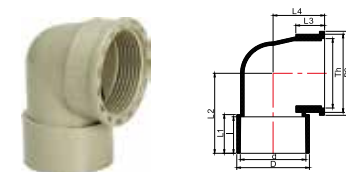
ITEM NO: UDD025

FLOOR TRAP

Nom Size	D	d	D1	d1	L1	L2	L3	L4	L5	L
6"X4"	110	103	188.8	181.8	23	38.2	131.9	149.4	152.7	290.6



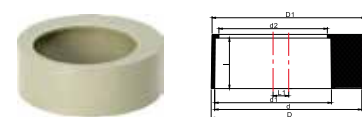
BS1329 BS1401 PVC PIPES&FITTINGS FOR DRAINAGE



ITEM NO: UD022

FEMALE ELBOW

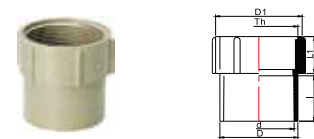
Nom Size	D	d	D1	D2	Th	I	L1	L2	L3	L4
1 1/2"	48	43.3	57.5	53.5	RP1 1/2"	25	26.5	54.75	19	34



ITEM NO: UD024

REDUCING RING FOR DRAINAGE

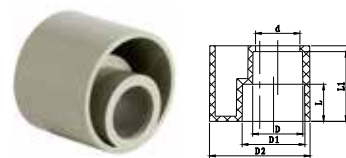
Nom Size	D	d	d1	D1	d2	I	L1	L
4"X3"	110.4	104.8	82.6	109.9	77.3	44	11.2	48



ITEM NO: UD023

FEMALE SOCKET

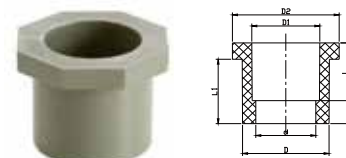
Nom Size	D	d	D1	Th	I	L1	L
1 1/2"	48	43.3	53.3	RP1 1/2"	29	23.5	54



ITEM NO: UD035

REDUCING BUSH FOR PRESSURE AND WASTE

Nom Size	d	D	D1	D2	L	L1	H
1/2"X3/4"X1 1/2"	19	21.5	26.9	43.1	16.5	31	33.6



ITEM NO: UD036

REDUCING BUSH FOR DRAINAGE

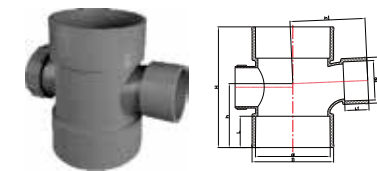
Nom Size	d	d1	d2	D	D1	D2	D3	L	L1	L2	H
1 1/2"X1"	110.5	56.1	43.3	120	62	50	110	50.5	28.9	27	210



ITEM NO: UD025

PAN ADAPTOR WITH RUBBER

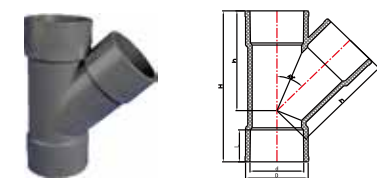
Nom Size	D	d	d1	D1	d2	d3	L1	L
4"	144.86	140.99	122.5	129	114.5	94	99.5	121



ITEM NO:EDT004

REDUCING TEE WITH INSPECTION PORT

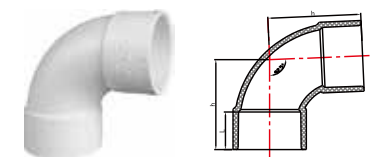
Nom Size	D	d	L	h
60	68.5	60	35.5	89.3



ITEM NO:EDT003

SKEW TEE

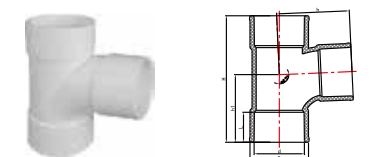
Nom Size	D	d	L	h	H
48	56.6	48	30	93.5	141.5
60	68.5	60	35.5	113	165



ITEM NO:EDE001

90° DEGREE ELBOW

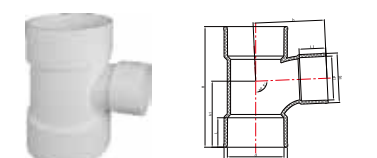
Nom Size	D	d	L	h
48	56.6	48	30	71.8
60	68.5	60	35.5	89.3
110	120.6	110	48	141.7



ITEM NO:EDT001

STRAIGHT TEE

Nom Size	D	d	L	H	h1	h
48	56.6	48	30	126.8	67.7	70.4
60	68.5	60	35.5	153.1	82	89

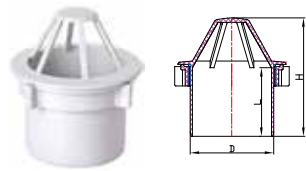


ITEM NO:EDT002

REDUCING TEE

Nom Size	D	d	L	D1	d1	L1	H	h1	h
75X60	84.4	75	40.7	68.5	60	35.5	166.7	91.2	95.2
110X60	120.6	110	48	70.3	60	35.5	185	96	112

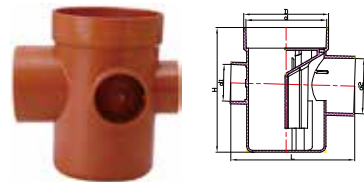
PVC PIPES&FITTINGS FOR DRAINAGE BS1329 BS1401



ITEM NO:UD038

● VENT CAP II

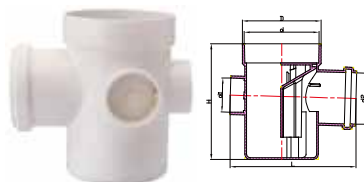
Nom Size	D	L	H
80	76.5	108.5	62.91



ITEM NO:UDD029-1

● FLOOR DRAIN III

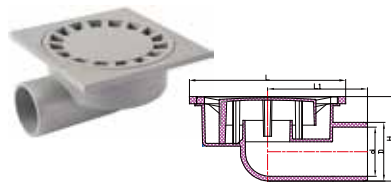
Nom Size	D	d	d1	d2	L	H
110X75X50	116.9	110.9	50.4	75.5	170.31	171.5



ITEM NO:UDD029-2

● FLOOR DRAIN IV

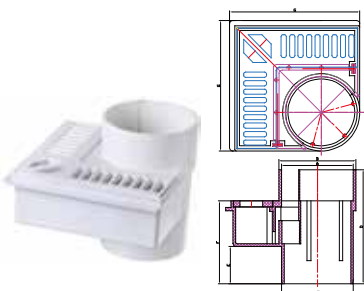
Nom Size	D	d	d1	d2	L	H
110X75X50	116.9	110.9	50.4	76	186.3	171.5



ITEM NO:UDD054

● MALE FLOOR WITH SIDE OUTLET

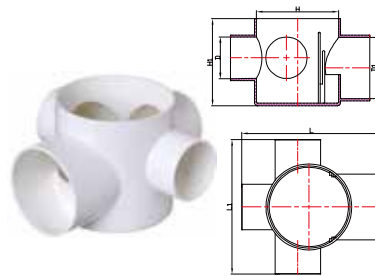
Nom Size	D	d	H	L	L1
75X63	74.9	63.2	107.98	200	128



ITEM NO:UDD053

● SQUARE ANGLE FLOOR DRAIN

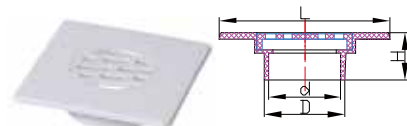
Nom Size	A	B	C	D	E	F	G
110	110.25	118.47	110	175	57	127	200



ITEM NO:UDD050

● FLOOR DRAIN (with three plugs)

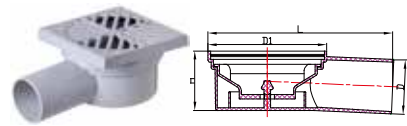
Nom Size	D	D1	H	H1	L	L1
4"X3"X2"	56.4	82.9	111	117.5	188.5	181.5



ITEM NO:UDD052

● SMALL FLOOR DRAIN

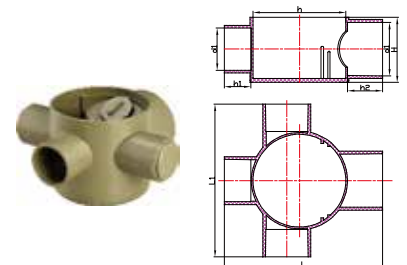
Nom Size	D	d	H	L
1 1/2"	38	34.2	22.3	80.7
2"	50.5	45	20.4	80.7



ITEM NO:UDD049

● FLOOR DRAIN (SNOW FLAKE) SHORT TYPE

Nom Size	D	d1	H	L
50	50	109.6	54.8	170.57



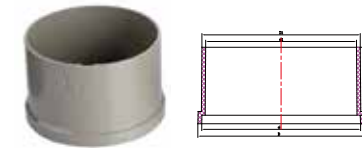
ITEM NO:UDD055

● GULLY TRAP Ceylon type (with three plugs)

Nom Size	d	d1	H	h	h1	h2	L	L1
63X50X50X50	50.3	63.4	77	110.1	31.5	41.35	187.65	181



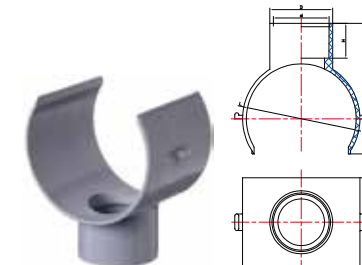
BS1329 BS1401 PVC PIPES&FITTINGS FOR DRAINAGE



ITEM NO:UDD007-1

● FLOOR TRAP COUPLING

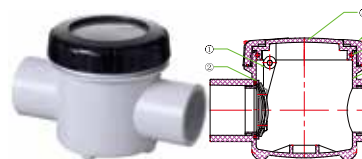
Nom Size	D	d	D1	d1	H	L
160	176.7	168.5	168	160	81	9



ITEM NO:UD039

● BOSS CONNECTOR

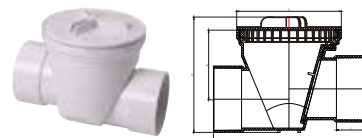
Nom Size	D	d	H	H1	H2	L
110X50	57	50.5	31.5	118	80.3	99.5



ITEM NO:UDD056

● SWING CHECK VALVE

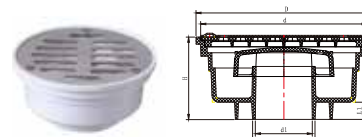
NO.	PATR	MATERIAL	Q'TY
1	Washer	ABS	1
2	Seal ring	RUBBER	1
3	Transparent cover	PC	1
4	Body	PVC-U	1
5	O-ring	RUBBER	1
6	Cap	ABS	1



ITEM NO:UDD061

● DRAINAGE NON-RETURN VALVE III

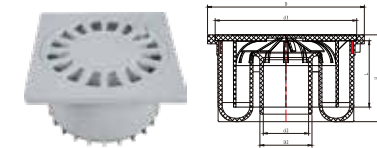
Nom Size	D	D1	d1	L1	L2	H1	H2
110	186.5	118	110.6	50	269	124	205.3



ITEM NO:UDD062

● PP UNIVERSAL FLOOR DRAIN,WITH SS COVER

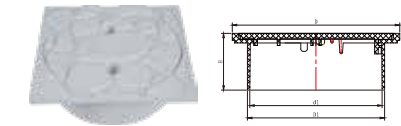
Nom Size	D	d	D1	d1	L1	H
110X75X50	128	121.2	45.5	41.5	12.5	60



ITEM NO:UDD060

● PVC SINK FLOOR DRAIN-M

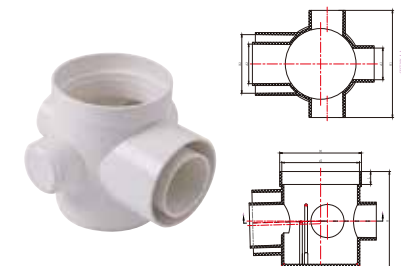
Nom Size	D	d1	D2	d2	L	H
110X75X50	150	135.4	49.72	43.28	63.5	83



ITEM NO:UDD059

● PVC FLOOR DRAIN COVER-M

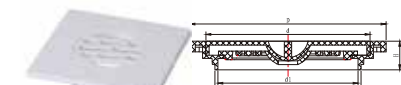
Nom Size	D	D1	d1	H
110	140	114.6	110.6	47.5



ITEM NO:UDD058

● NEW JIS FLOOR DRAIN (with three plugs)

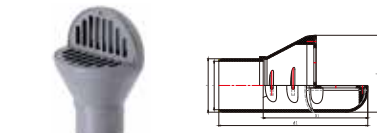
Nom Size	D1	d1	D2	d2	d3	L	H	H1
4"X3"X2"	120	114	89.45	60.35	48.3	19	146	163.5



ITEM NO:UDD010-3

● DRAIN COVER(JIS)

Nom Size	D	d	D1	d1	H
15X15	147.5	123.5	110	105.5	21.5



ITEM NO:UDD057

● ROOF FLOOR DRAIN

Nom Size	D	d	D1	d1	H
110	110	100	215.5	307	158.47



ITEM NO:UDD039-1

● ROOF DRAIN,LIGHT TYP

Nom Size	D	d	D1	d1	H
110	117	110.6	270	50.5	145.93



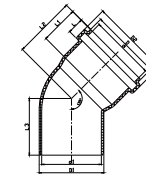
PVC DRAINAGE FITTINGS WITH GASKET

(EN1401)

DRAINAGE



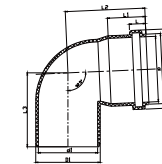
EN1401 EN1329 **PVC DRAINAGE FITTINGS WITH GASKET**



ITEM NO:UDRN001

45° ELBOW M/F

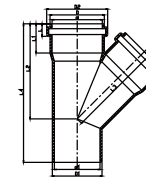
Nom Size	d	d1	D	D1	D2	L	L1	L2	L3
40mm	40.5	36	44.5	40	54	17.43	36.28	55	42.2
50mm	50.5	44	56.5	50	66	18.4	36.5	58.61	53.35
75mm	76	69	82	75	92	18.9	44	72.16	65.53
110mm	111	103	118	110	128.2	24	66	109.78	109.78
160mm	161	152.8	168.2	160	180.8	26.48	66	113.94	116.14
200mm	201.6	191.6	210	200	225.4	33.16	82	145.95	145.95



ITEM NO:UDRN002

90° ELBOW M/F

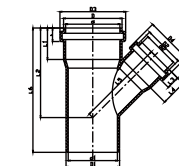
Nom Size	d	d1	D	D1	D2	L	L1	L2	L3
40mm	40.5	36	44.5	40	54	17.43	36.28	62.87	60
50mm	50.5	44	56.5	50	66	18.4	36.5	72.19	66.93
75mm	76	69	82	75	92	18.9	44	92.53	85.9
110mm	111	103	118	110	128.2	24	71.78	144.4	136.56
160mm	161	152.8	168.2	160	180.8	26.48	66	157.22	159.59
200mm	201.6	191.6	210	200	225.4	33.16	82	197.93	200.64



ITEM NO:UDRN003

SKEW TEE M/F

Nom Size	d	d1	D	D1	D2	L	L1	L2	L3	L4
50mmX50mm	50.5	44	56.5	50	66	18.4	36.5	105.12	105.12	159
75mmX75mm	76	69	82	75	92	18.9	44	143.4	143.4	209
110mmX110mm	111	103	118	110	128.2	24	72.5	215.44	215.44	318.5
160mmX160mm	161	152.8	168.2	160	180.8	26.48	66	269.54	269.54	386
200mm		191.6	210	200	225.4	33.16	82	342.01	342.01	488.5

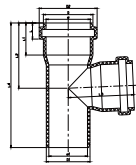


ITEM NO:UDRN004

REDUCING SKEW TEE M/F

Nom Size	d	d1	d2	D	D1	D2	D3	D4	L	L1	L2	L3	L4	L5	L6
75mmX50mm	76	69	50.5	82	75	56.5	92	66	18.9	44	125.37	18.4	43	123.15	174
110mmX50mm	111	103.6	50.5	117.4	110	56.5	127.6	66	21.09	51	150.1	18.4	43	148.19	194
110mmX75mm	111	103.6	76	117.4	110	82	127.6	92	21.09	51	168.17	18.9	44	168.44	230
160mmX110mm	161	152.8	111	168.2	160	117.4	180.8	127.6	26.48	66	233.62	21.09	51	229.09	315
110mmX40mm	111	103.6	40.5	117.4	110	44.5	127.6	54	21.27	51	141.62	17.43	36	141.44	178
200mmX110mm	191.6	201.6	111.4	200	210	117.8	225.4	127.6	33.33	82	280	362	21.09	51.45	270
200mmX160mm	191.6	201.6	161.4	200	210	168.6	225.4	180.8	33.33	82	320	438.5	26.48	66	310

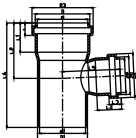
PVC DRAINAGE FITTINGS WITH GASKET EN1401 EN1329



ITEM NO:UDRN005

TEE M/F

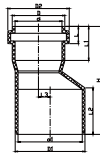
Nom Size	d	d1	D	D1	D2	L	L1	L2	L3	L4
50mmX50mm	50.5	46	54.5	50	64	17.5	45.7	79	87.8	159
75mmX75mm	76	69	82	75	92	18.9	44	95.8	95.8	182
110mmX110mm	111	103	118	110	128.2	24	72.5	148.96	142.26	283
160mmX160mm	161	152.8	168.2	160	180.8	26.48	66	164.37	164.37	324
200mmX200mm	201.6	191.6	210	200	225.4	33.16	82	203	205.5	406



ITEM NO:UDRN006

REDUCING TEE M/F

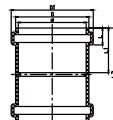
Nom Size	d	d1	d2	D	D1	D2	D3	D4	L	L1	L2	L3	L4	L5	L6
75mmX50mm	76	69	50.5	82	75	56.5	92	66	18.9	44	83.29	18.4	43	86.88	157
110mmX40mm	111	103.6	40.5	117.4	110	44.5	127.6	54	21.09	51	81.23	17.43	36.28	100	168
110mmX50mm	111	103.6	50.5	117.4	110	56.5	127.6	66	21.09	51	91.82	18.4	43	104.4	178
110mmX75mm	111	103.6	76	117.4	110	82	127.6	92	21.09	51	104.33	18.9	44	113.32	203
160mmX110mm	161	152.8	111	168.2	160	117.4	180.8	127.6	26.48	66	139.35	21.09	51	146.83	274
200mmX110mm	191.6	201.6	111.4	200	210	117.8	225.4	127.6	33.33	82	156	321	21.09	51.45	170
200mmX160mm	191.6	201.6	161.4	200	210	168.6	225.4	180.8	33.33	82	181	371	26.48	66.51	190



ITEM NO:UDRN007

REDUCING COUPLING M/F

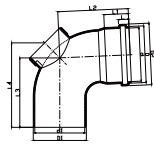
Nom Size	d	d1	D	D1	D2	L	L1	L2	L3	H
75mmX50mm	50.5	69	56.5	75	66	18.4	36.5	50	12.5	116
110mmX50mm	50.5	103.6	56.5	110	66	18.4	36.5	63	30	132
110mmX75mm	76	103.6	82	110	92	18.9	44	63	17.5	145
160mmX110mm	111	152.8	117.4	160	127.6	21.09	51	83	25	181
200mmX160mm	161.4	191.6	168.6	200	180.8	26.7	66	105.2	19.7	224



ITEM NO:UDRN008

COUPLING

Nom Size	d	D	D1	L	L1	L2
50mm	50.5	56.5	66	18.4	43	90
75mm	76	82	92	18.9	50	104
110mm	111	118	128.2	24	78.3	160.6
160mm	161	168.2	180.8	26.48	83	172
200mm	201.6	210	225.4	33.16	100	208



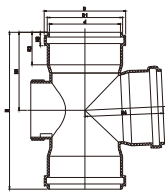
ITEM NO:UDRN009

INSPECTION ELBOW M/F

Nom Size	d	d1	D	D1	D2	L	L1	L2	L3	L4
110mm	111	103.6	117.4	110	127.6	21.38	51	146	143.84	175



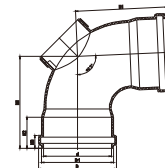
EN1401 EN1329 PVC DRAINAGE FITTINGS WITH GASKET



ITEM NO:UDRN010

DOOR TEE WITH RUBBER

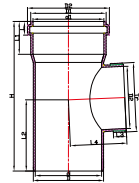
Nom Size	D	D1	d	H	H1	H2	H3	H4
110	127.6	117.4	111	245	122	51	21.1	121.9



ITEM NO:UDRN011

DOOR ELBOW WITH RUBBER

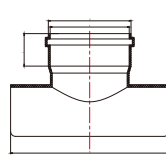
Nom Size	D	D1	d	H1	H2	H3
110	127.6	117.4	111	150	51	21.1



ITEM NO:UDRN014

INSPECTION PORT M/F

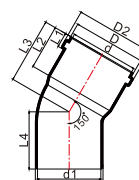
Nom Size	d	d1	d2	D	D1	D2	Tr	H	L	L1	L2	L3	L4
110	103.6	111	97	110	117.4	127.6	107.5	233	21.09	51	110.6	20	88
160	152.8	161	54.5	160	168.2	180.8	164	324	26.48	66	164.37	87.8	125



ITEM NO:UDRN015

90° SADDLE BRANCH

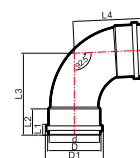
Nom Size	D	d	L	H
200X160	168.2	161	66	322



ITEM NO:UDR012

30° ELBOW WITH SINGLE SOCKET RUBBER

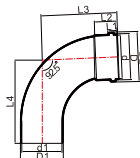
Nom Size	D2	D	d	D1	d1	L1	L2	L3	L4
110	128.2	118	111	110	103	24	72.51	107.03	92.83



ITEM NO:UDR013

90° SWEEP WITH DOUBLE SOCKET RUBBER

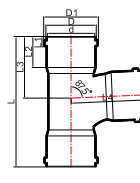
Nom Size	D1	D	d	L1	L2	L3	L4
110	128.2	118	111	24	58	180.94	150.74



ITEM NO:UDR014

90° SWEEP WITH SINGLE SOCKET RUBBER

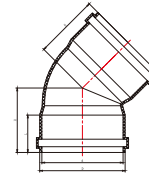
Nom Size	D2	D	d	D1	d1	L1	L2	L3	L4
110	128.2	118	111	110	103	24	58	194.93	213



ITEM NO:UDR015

TEE WITH 3 SOCKET RUBBER

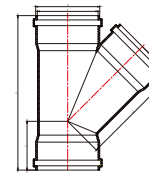
Nom Size	D1	D	d	L1	L2	L3	L4	L
110	128.2	118	111	24	72.51	144	169	305



ITEM NO:UDRN016

45° ELBOW WITH TWO RUBBER RINGS

Nom Size	D	d	L	H
110X45	116.8	111	51	88



ITEM NO:UDRN017

SKEW TEE WITH THREE RUBBER RINGS

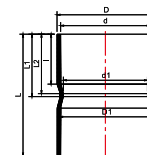
Nom Size	D	d	L	L2	H
110	116.8	111	89	193	282

PVC PIPES & FITTINGS FOR DRAINAGE

(ISO 3633)

DRAINAGE

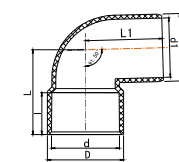
ISO3633

PVC DRAINAGE FITTINGS

ITEM NO:UDLC01

COUPLING

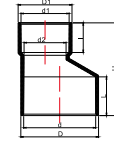
Nom Size	D	d	D1	d1	L	L1	L2	L
50	56.4	50	53.4	46	31.5	40.9	38.9	79.7
75	81.5	75	77	70.8	42	52.5	50	102.5
80	85	80	/	77.0	42.5	/	45.5	88
110	117.2	110	110.9	104.6	54.5	66	64	130
160	168.6	160	162	154	85	108	94	202
63	69.6	63	60	38	41	79	/	/
100	106.6	100	97	48	51	99	/	/



ITEM NO: UDLE04

90° ELBOW M/F

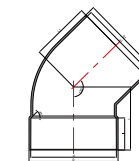
Nom Size	d	D	L	d1	D1	L	L1
32	32	37	22	27	32	39	43.5
40	40	45	27	35	40	49	52
50	50	56.4	31	44	50	62.8	57.2
63	63	69.5	38	57	63	86.2	81.6
75	75	81.4	40	69	75	90.6	92.3
80	80	84.9	42.5	74	80	97.5	96
90	90	96.7	46.5	83.6	90	104	104
100	100	106.6	48	94	100	114.9	112.1
110	110	117.2	48	103.4	110	124.6	124.6
125	125	132.2	51.5	118.4	125	128	128
160	160	168.6	70	152	160	170.4	170.4
200	200	208.6	75	191	200	205	205



ITEM NO:UDLR02

REDUCING COUPLING

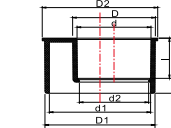
Nom Size	d	D	d1	D1	d2	L	L1	H
63X50mm	63	69.5	50	56.4	44	38	31	89
75X50mm	75	81.4	50	56.4	44	40	31	97
80X40mm	80	86.5	40	45.3	32.9	42.5	27	99
100X50mm	100	106.6	50	56.4	47	48	31	107.4
100X63mm	100	106.6	63	69.5	60	48	38	107.8
100X80mm	100	106.6	80	84.9	74	42.5	48	108
110X40mm	110	117.2	40	45.3	36.8	48	27	123
110X50mm	110	117.2	50	56.4	47.2	48	31	125
110X75mm	110	117.2	75	81.4	69	48	40.5	121
110X80mm	110	84.9	80.5	110	103.4	42.5	48.5	120
160X100mm								



ITEM NO:UDLE02

45° ELBOW M/F

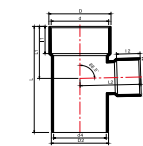
Nom Size	D	d	D1	d1	l	L	L1
32	37	32	32	27	22	20	32.1
40	45	40	40	35	27	24.5	37
50	56.4	50	50	44	31	49.4	48.7
63	69.5	63	63	57	38	60	58
75	81.4	75	75	69	40	70.5	70.5
80	84.9	80	80	74	42.5	75.1	73.6
100	106.6	100	100	94	48	85.7	80.7
110	117.2	110	110	103.4	48	82.3	81.3
160	168.6	160	160	152	70	112	113.1
200	208.6	200	200	191	75	147.5	138.7



ITEM NO:UDLR01

REDUCING BUSH

Nom Size	d	D	d1	D1	d2	D2	L	H
40X32mm	32	36.4	36	40	28.3	47	23	28.5
50X40mm	34	43.9	55.8	40.3		49.9	27	32
63X40mm	40	45.8	56.9	63	36	69	27	39.5
75X50mm	50	56.4	69	75	47.2	78.7	25	42.5
80X50mm	50	56.4	73.9	80	47.2	86	31	44
80X63mm	63	69.5	73.9	80	59	86	38	44
90x63mm	63.49	69.5	93.9	99.9	61	38	48	50
100X40mm	40	46.3	94	100	34	107	27	50
100X50mm	50	50.4	107	93.9		99.9	31	48
100X63mm	50	63.5	107	93.9		99.9	38	48
100X80mm	80	86.4	94	100	74	107	42.5	50
110X50mm	50	56.4	103.4	110	47.2	113.9	25	50.5
110X75mm	75	81.8	103.4	110	72.2	113.7	40	50.5
110X80mm	80	86.3	103.4	110	74	117	42.5	50.5
125X110mm	110	117	118.3	125	103.4	132	48.5	53.5
160X110mm	110	117.9	152	160	105.9	165	48	72.2
160X125mm	125	132	152	160	118.4	169	51.5	72
200X110mm	110	117.2	191.9	200	103.4	207	48	76



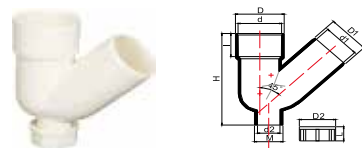
ITEM NO:UDLT01

REDUCING TEE M/F

Nom Size	D	d	D1	d1	D2	d2	I1	I2	L1	L2	L
75X50	81.4	75	56.4	50	75	69	40	31	76.5	79.8	156
110X50	117.2	110	56.4	50	110	103.4	48	31	92.1	96.7	191
110X75	117.2	110	81.4	75	110	103.4	48	40.5	94.9	103.9	195

PVC DRAINAGE FITTINGS

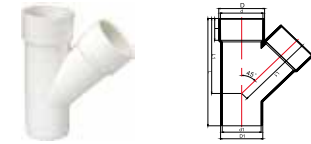
ISO3633



ITEM NO:UDLS02

● SINGLE SOCKET TRAP (WITH PORT)

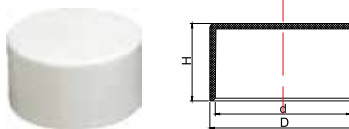
Nom Size	d	D	d1	D1	I	H	d2	M	D2	L
50mm	50	56.4	44	50	31	123	26	M33x2	42	19



ITEM NO:UDLT03

● SKEW TEE M/F

Nom Size	D	d	D1	d1	I	L1	L
40	45.3	40	40	34	27	79	120
50	56.4	50	50	44	31	105.6	135
63	69.6	63	63	57	38	122	199.2
75	81.5	75	75	69	40	139.2	191
80	84.9	80	80	74	42.5	146	222
100	106.6	100	100	94	48	182	272
110	117.2	100	110	103.4	48	202.2	273.5
125	132.2	125	125	118.4	51.5	209	302
160	168.6	160	160	152	70	269	393
200	208.6	200	200	191.2	74	326	481



ITEM NO:UDLS01

● END CAP

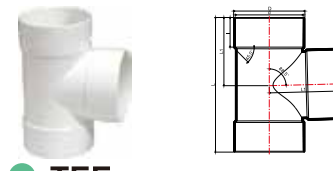
Nom Size	d	D	H
40mm	40.27	45	30
50mm	50	56.4	34
75mm	75	81.4	43
110mm	110	117.2	51.8
160mm	160	168.7	74
200mm	200.6	208.6	78.5



ITEM NO:UDLT06

● TEE M/F

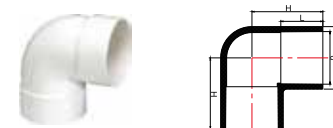
Nom Size	D	d	D1	d1	I	L1	L
50	56.4	50	50	44	31	61.5	123.5
63	69.6	63	63	57	38	78.5	157
75	81.5	75	75	69	40	89.7	181
40	45.3	40	40	34	27	49.2	105
80	84.9	80	80	74	42.5	91	187
90	96.7	90	90	83.6	46.5	107	210.5
100	106.6	100	100	94	48	121.1	237
110	117.2	110	110	103.4	48	113.1	222
125	132.2	125	125	118.4	51.5	138	265
160	168.6	160	160	152	70	161.1	325
200	208.6	200	200	191.2	74	206	415



ITEM NO:UDLT04

● TEE

Nom Size	D	d	I	L1	L
32	37	32	22	41.3	82.6
40	45	40	27	49.2	49.2
63	69.6	63.6	38	82.5	160
75	81.5	75.4	40	90	180
90	96.7	90.5	46.5	105	210
100	107	100.6	48	112	224
110	117.2	110.6	48.5	117	234
160	168.6	160	70	161.1	318



ITEM NO:UDLE01

● 90° ELBOW

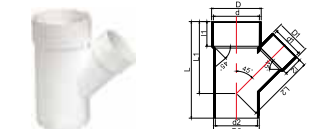
Nom Size	D	d	I	L
32	37	32	22	41.5
40	45	40	27	52.5
75	81.5	75.4	40	87
80	86.5	80	45	110
90	96.7	90.5	46.5	102
100	106.6	100	48	115
110	117.2	110	48	124.6
160	168.6	160	70	170.4



ITEM NO:UDLT05

● SKEW TEE

Nom Size	D	d	I	L1	L
32	37	32	22	66.47	97.5
40	45	40	27	75.54	112.5
100	107	100.6	48	182	262
160	168.6	160	70	267.3	376



ITEM NO:UDLT07

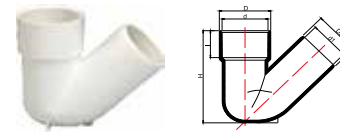
● REDUCING SKEW TEE M/F

Nom Size	D	d	D1	d1	D2	d2	I1	I2	L1	L2	L
75X50	81.4	75	56.4	50	75	69	40	31	118	112	158.4
80X40	86.5	80	45.3	40	80	74	42.5	27	126	117.3	171
80X50	86.5	80	56.4	50	80	74	42.5	31	123	116	173
110X40	117.2	110	45.3	40	110	103.4	48	27	147.8	140	183
110X50	117.2	110	56.4	50	110	103.4	48	31	156	150.7	191
110X75	117.2	110	81.4	75	110	103.4	48	40	173	170	225.5
160X110	168.6	160	117.2	110	160	152	70	48	235.3	223.3	316



ISO3633

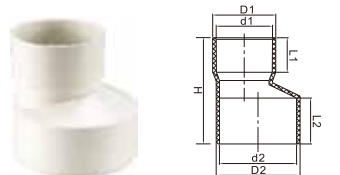
PVC DRAINAGE FITTINGS



ITEM NO:UDLS03

● SINGLE SOCKET TRAP (NO PORT)

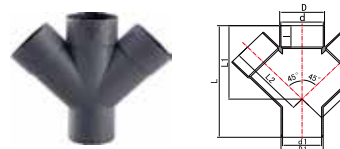
Nom Size	d	D	H	I	d1	D1
50mm	50	56.4	106	31	44	50
75mm	75	81.4	161	40	69	75
110mm	110	117.2	218	48	103.4	110



ITEM NO:UDLT08

● REDUCING COUPLING M/F

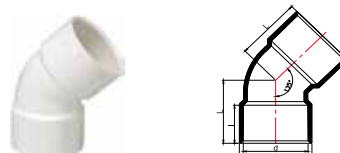
Nom Size	d1	d2	D1	D2	L1	L2	H
75X50	50.3	69	56.3	75	32.2	43	99.5
110X50	50.3	103.4	56.3	110	32.2	48.5	124
110X75	75.3	103.4	81.3	110	40.5	48.5	119.5



ITEM NO:UDLT10

● CROSS TEE M/F

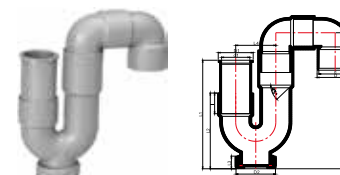
Nom Size	D	d	D1	d1	I	L1	L2	L
80	84.9	80	80	74	42.5	146	146.3	222
110	117.2	110	110	103.4	48.5	191	191	278



ITEM NO:UDLE03

● 45° ELBOW

Nom Size	D	d	I	L
32	37	32	22	32
40	45	40	27	39.3
50	56.4	50	31	51.4
80	84.9	80	45	69.7
100	106.6	100	48	73



ITEM NO:UDTS01

● II S-TRAP

Nom Size	D	d	D1	d1	D2	I	L1	L2	L3	L4	L
32	37	32	38.1	26.2	49.2	22	122.2	90.7	16.5	43	160.2
40	45	40	43.6	35.3	49.2	27	141.9	99	16.5	50	177.9



ITEM NO:UDLT02

● REDUCING TEE

Nom Size	D	d	D1	d1	I1	I2	L1	L2	L
110X63	117.2	110.6	69.6	63.6	48.5	38	94	103.5	186
160X110	168.6	160	117.2	110.6	70	48	135.9	137.3	271.9



ITEM NO:UDTC01

● COUPLING

Nom Size	D	d	I	L
32	37	32	22	46.4
40	45	40	27	56.4



ITEM NO:UDLT09

● END CAP M

Nom Size	d1	D1	D	H1	H2
50mm	43.4	50	63	31	36
75mm	68.4	75	88	40.5	46.3
80mm	74	80	90	41.5	47
110mm	103.4	110	124.2	48.5	54.2
160mm	152	159.9	175	70.5	77



ITEM NO:UDTC02

● CLEAN OUT

Nom Size	D	d	H
40	40	34	49.5
63	63	57	62
125	125	118.4	80
200	200	191.2	111.5



ITEM NO:UDLT11

● REDUCING SKEW TEE

Nom Size	D	d	D1	d1	I1	I2	L1	L2	L
75X63	81.5	75.4	69.6	63.6	40	38	138	138	190
90X40	96.7	90.5	45	40.3	46.5	31	143	135	185
90X50	96.7	90.5	56.4	50.4	46.5	31	143	135	185
75X63	96.7	90.5	69.6	63.6	46.5	38	153	150	204
110X63	117.2	110.6	69.6	63.6	48.5	38	165	162.5	209

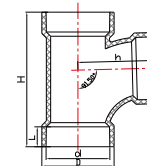
PVC DWV FITTINGS (ASTM D2665)

DRAINAGE



ASTM D2665

PVC DWV FITTINGS

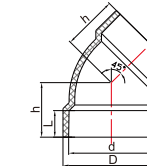


NSF

ITEM NO:UDA001

TEE

Nom Size	D	d	L	H	h
1 1/2"	56.76	48.26	17.6	109.3	63.2
2"	68.83	60.33	19.2	130	75
3"	100.73	88.9	38.2	199.8	115
4"	127.7	114.3	44.6	247	139.5
6"	183.28	168.8	76.5	380	205

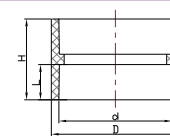


NSF

ITEM NO:UDA003

45° ELBOW

Nom Size	D	d	L	H
1 1/2"	56.76	48.26	17.6	35.3
2"	68.83	60.33	19.2	39.4
3"	100.73	88.9	38.2	66.57
4"	127.7	114.3	44.6	79.35
6"	183.28	168.8	76.5	125

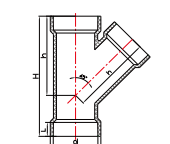


NSF

ITEM NO:UDA005

COUPLING

Nom Size	D	d	L	H
1 1/2"	56.76	48.26	17.6	40
2"	68.83	60.33	19.2	44
3"	100.73	88.9	38.2	82.6
4"	127.7	114.3	44.6	95.8
6"	183.28	168.8	76.5	159

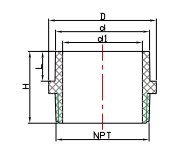


NSF

ITEM NO:UDA002

Y TEE

Nom Size	D	d	L	H	h
1 1/2"	56.76	48.26	17.6	138.8	90.8
2"	68.83	60.33	19.2	165.8	109.3
3"	100.73	88.9	38.2	241	165.2
4"	127.7	114.3	44.6	298.4	205.4
6"	183.28	168.8	76.5	443	306

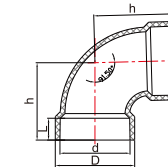


NSF

ITEM NO:UDA007

MALE ADAPTOR SPG x MIPT

Nom Size	D	d	d1	L	H	NPT
1 1/2"	56.76	48.26	39.99	17.7	42.3	1 1/2"
2"	68.83	60.33	52.05	19.3	46.5	2"
3"	100.73	88.9	77.38	38.3	78	3"
4"	127.7	114.3	101.2	44.7	87.4	4"

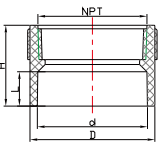


NSF

ITEM NO:UDA004

90° ELBOW

Nom Size	D	d	L	H
1 1/2"	56.76	48.26	17.6	35.3
2"	68.83	60.33	19.2	39.4
3"	100.73	88.9	38.2	66.57
4"	127.7	114.3	44.6	79.35
6"	183.28	168.8	76.5	205

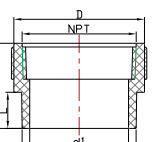


NSF

ITEM NO:UDA006

FEMALE ADAPTOR SLIP x FIPT

Nom Size	D	d	L	H	NPT
1 1/2"	56.76	48.26	17.6	42.3	1 1/2"
2"	68.83	60.33	19.2	45.2	2"
3"	100.73	88.9	38.2	76.4	3"
4"	127.7	114.3	44.6	85.2	4"

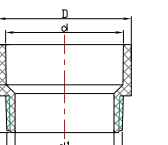


NSF

ITEM NO:UDA009

FEMALE ADAPTOR SPG x FIPT

Nom Size	D	d	d1	L	H	NPT
1 1/2"	56.76	48.26	39.99	17.7	41.5	1 1/2"
2"	68.83	60.33	52.05	19.3	45.5	2"
3"	100.73	88.9	77.38	38.3	73.5	3"
4"	127.7	114.3	101.2	44.7	82.8	4"
6"	247.2	168	156	75	120	6"

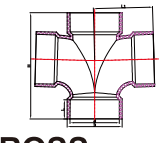


NSF

ITEM NO:UDA008

MALE ADAPTOR SLIP x MIPT

Nom Size	D	d	d1	L	H	NPT
1 1/2"	56.76	48.26	39.99	17.6	40.5	1 1/2"
2"	68.83	60.33	51	19.2	46	2"
3"	100.73	88.9	77.38	38.2	80	3"
4"	127.7	114.3	101.2	44.6	87.8	4"



NSF

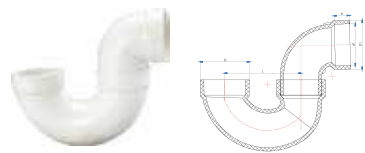
ITEM NO: UDA019

PLANE CROSS

Nom Size	D	d	H	L	L1
4"	127.7	114.8	247	44.6	137.7

PVC DWV FITTINGS

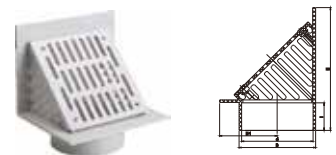
ASTM D2665



ITEM NO:DSCH003

S-TRAP

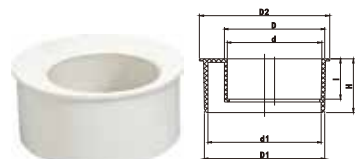
Nom Size	D	D1	d1	H	L
1 1/2"	56.76	56.76	48.64	17.6	88.5
2"	66.2	69	60.6	19.6	107.8



ITEM NO:UDA010

RAIN WATER OUTLET ASTM D2665

Nom Size	D	d	H1	H	I
4"X3"	122.8	114.8	92.6	199	44.6

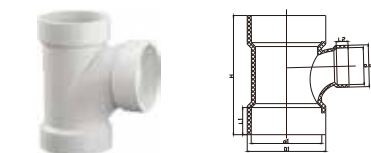


NSF

ITEM NO:UDA011

REDUCING BUSH

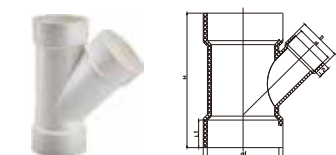
Nom Size	D1	d1	D	d	D2	I	H
4"X2"	114.1		104.1	60.71	122.8	44.6	51.1
4"X3"	114.1	107.5	95.4	89.4	122.8	38.2	51
6"X4"	168	154	127.69	114.79	178	44.1	83.5



ITEM NO:UDA012

REDUCING TEE

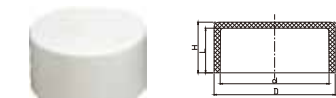
Nom Size	D1	d1	D	d	L1	L2	H
4"X2"	127.7	114.8	68.83	60.71	44.6	19.2	196



ITEM NO:UDA013

REDUCING Y TEE

Nom Size	D1	d1	D	d	L1	L2	H
4"X2"	127.7	114.8	68.83	60.71	44.6	19.2	218



ITEM NO: UDA014

END CAP

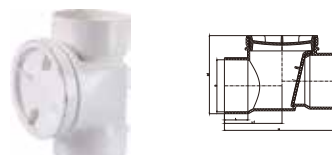
Nom Size	D	d	L	H
4"	127.7	114.8	47.6	54.05



ITEM NO:UDA015

VENT CAP

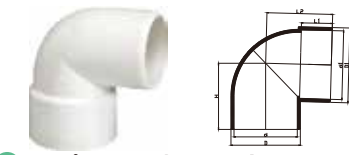
Nom Size	D	d	L	H	d1
2"	67.8	60.71	19.2	72	29
3"	96.4	89.41	38.2	93.9	45
4"	120.8	114.8	32.5	102	84



ITEM NO: UDA016

NON-RETURN VALVE

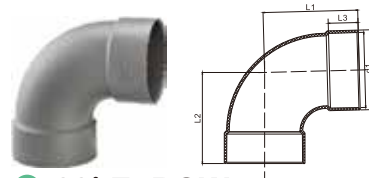
Nom Size	D	H	L	L1	D1
6"	168.8	349	75.17	184.5	253.2



ITEM NO: UDA017

90° ELBOW M/F

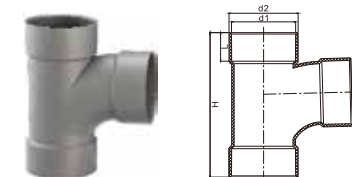
Nom Size	D	d	D1	d1	L1	L2	H
4"	114.5	104.5	125	114.83	51	108.5	110.5



ITEM NO:DSCH002

90° ELBOW

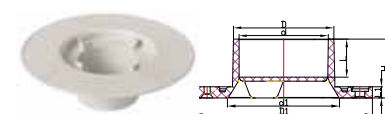
Nom Size	d1	d2	L1	L2	L3
2"	60.7	67.7	63.3	63.3	19.5
3"	89.4	96.4	118.6	118.6	40.3
4"	114.8	122	143	143	45



ITEM NO:DSCH001

TEE

Nom Size	d1	d2	L	H
3"	89.4	96.4	40.3	204

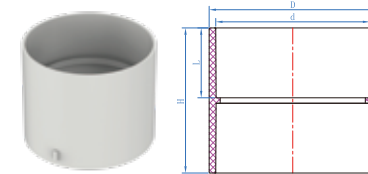


ITEM NO: UDA018

TOILET FLANGE

Nom Size	D	d	D1	d1	L	L1	H
4"X3"	100.75	89.4	178	112	38.2	11.5	59

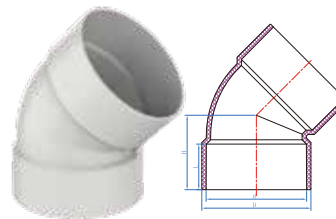
PVC DWV FITTINGS



ITEM NO:UDAL005

COUPLING 1-1/2"

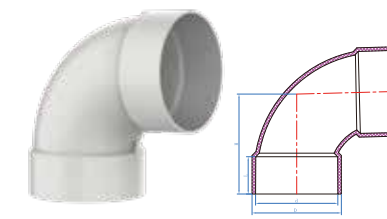
Nom Size	D	d	L	H
1-1/2"	52.9	48.64	17.6	40
2"	66.3	60.71	19.2	44
3"	95.21	89.41	38.2	82.6
4"	120.8	114.8	44.6	95.8



ITEM NO:UDAL003

45° ELBOW 1-1/2"

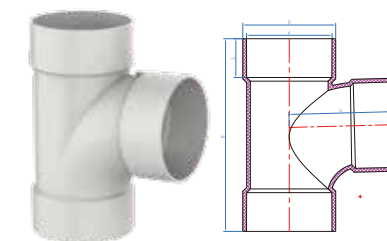
Nom Size	D	d	L	H
1-1/2"	52.9	48.64	17.6	33.3
2"	66.3	60.71	19.2	39.4
3"	95.21	89.41	38.2	66.57
4"	120.8	114.8	44.6	79.35



ITEM NO:UDAL004

90° ELBOW 1-1/2"

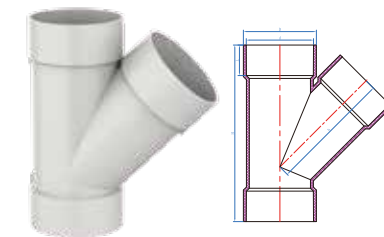
Nom Size	D	d	L	H
1-1/2"	52.9	48.64	17.6	57
2"	66.3	60.71	19.2	68
3"	95.21	89.41	38.2	106
4"	120.8	114.8	44.6	128



ITEM NO:UDAL001

TEE 1-1/2"

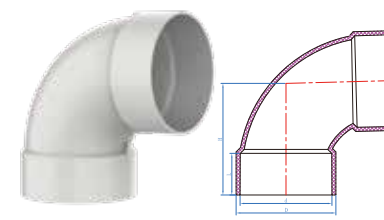
Nom Size	D	d	L	H	h
1-1/2"	52.9	48.64	17.6	104	57
2"	66.3	60.71	19.2	125	68
3"	95.21	89.41	38.2	196	106
4"	120.8	114.8	44.6	238	128



ITEM NO:UDAL002

Y TEE 1-1/2"

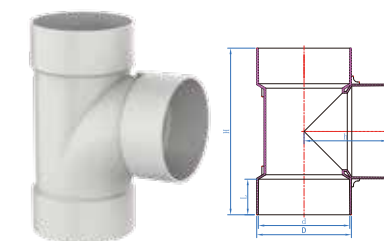
Nom Size	D	d	L	H	h
1-1/2"	52.9	48.64	17.6	112.6	82.06
2"	66.3	60.71	19.2	135.5	100.05
3"	95.21	89.41	38.2	241.5	153.97
4"	120.8	114.8	44.6	264.2	191.31



ITEM NO:UDAL006

VENT 90° ELBOW

Nom Size	D	d	L	H
3"	93.01	89.41	38.2	85.4
4"	118.8	114.8	44.6	104.5



ITEM NO:

VENT TEE

Nom Size	D	d	L	H	h
3"	93.01	89.41	38.2	170.8	85.4
4"	118.8	114.8	44.6	209	104.5



PVC DWV FITTINGS

(AS/NZS1260)

DRAINAGE



AS/NZS1260

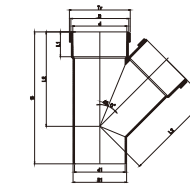
PVC DWV FITTINGS



ITEM NO: AUD001

PIPES

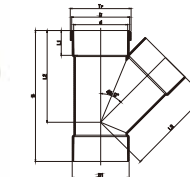
Size Nom	Outer Dia	Wall Thickness	Pressure
40	40	2.00	SN6
50	50	2.20	SN6
65	65	2.70	SN6
80	80	2.90	SN6
100	100	2.50	SN4
100	100	3.00	SN6
150	150	4.00	SN4
150	150	5.00	SN8



ITEM NO: AUDT02

45° JUNCTION THREAD M/F

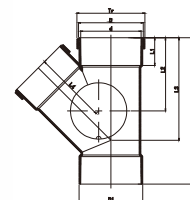
Nom Size	D	d	D1	d1	Tr	L1	L2	H
100	119	110.9	110	103.8	125	50.5	193	270



ITEM NO: AUDT03

45° JUNCTION F/F

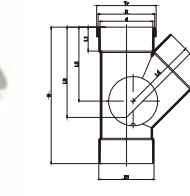
Nom Size	D	d	D1	Tr	L1	L2	H
100	119	110.9	116.7	125	50.5	188	268



ITEM NO: AUDT04

45° SIDE ACCESS JUNCTION LEFT F/F

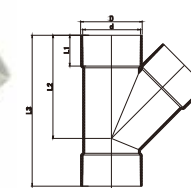
Nom Size	D	d	D1	Tr	L1	L2	L3	L4	H
100	119	110.9	116.7	125	50.5	156	190	156	287.5



ITEM NO: AUDT05

45° SIDE ACCESS JUNCTION RIGHT F/F

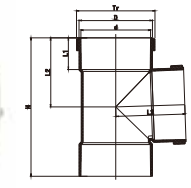
Nom Size	D	d	D1	Tr	L1	L2	L3	L4	H
100	119	110.9	116.7	125	50.5	134	188	134	268



ITEM NO: AUDT06

45° JUNCTION F/F

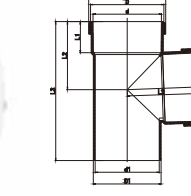
Nom Size	D	d	L1	L2	L3
32	40.8	36.8	24.5	71	105
40	47.8	43.4	44.5	81.6	126
50	61.1	56.3	30.5	101.5	146
65	74.6	69.4	38.5	124.2	180
80	88.8	83.2	44.5	149	217.5
100	116.7	110.9	50.5	188	268



ITEM NO: AUDI01

INSPECTION TEST OPENING F/F

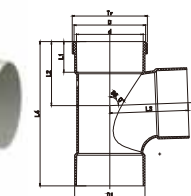
Nom Size	D	d	Tr	L1	L2	H
100	116.7	110.9	125	50.5	110	220



ITEM NO: AUDI02

INSPECTION TEST OPENING M/F

Nom Size	D	d	Tr	L1	L2	L3	D1	d1
100	119	110.9	125	50.5	110	225	110	103.8



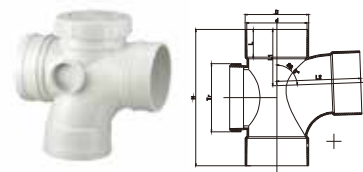
ITEM NO: AUDT08

88° PLAIN JUNCTION F/F

Nom Size	D	d	Tr	L1	L2	L3	L4	D1
100	119	110.9	125	50.5	106	130	239	116.7

PVC DWV FITTINGS

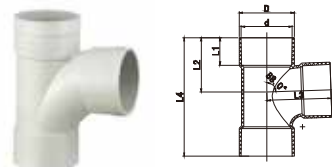
AS/NZS1260



ITEM NO: AUDT07

88° SIDE ACCESS JUNCTION F/F

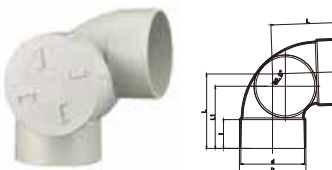
Nom Size	D	d	Tr	L1	L2	L	H
100	116.7	110.9	125	102.8	154.5	50.5	250.3



ITEM NO: AUDT01

88° JUNCTION F/F

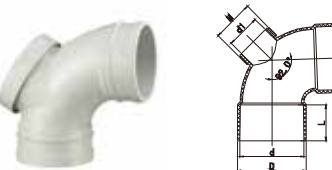
Nom Size	D	d	L1	L2	L3	L4
32	40.8	36.8	24.5	48	48	96
40	47.8	43.4	27.5	50	60	110
50	61.1	56.3	30.5	60	71	131
65	74.6	69.4	38.5	73	99	172
80	88.8	83.2	44.5	84.5	116.5	201
100	116.7	110.9	50.5	102.8	154.5	250.3



ITEM NO: AUDE04

88° BEND SIDE ACCESS F/F

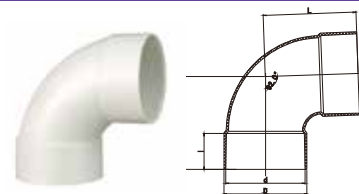
Nom Size	D	d	L	I	L1
100	116.7	110.9	130	50.5	108.52



ITEM NO: AUDE02

88° BEND SIDE ACCESS F/F

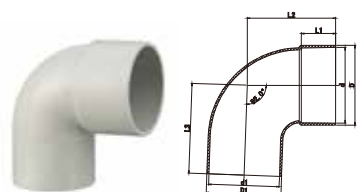
Nom Size	D	d	d1	L	M
40	47.8	43.4	25	27.5	33
50	61.1	56.3	37	30.5	45
65	74.6	69.4	36.6	38.5	45
100	116.7	110.9	112	50.5	125



ITEM NO: AUDE01

88° BEND F/F

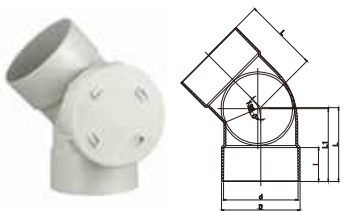
Nom Size	D	d	L	I
32	40.8	36.8	48	24.5
40	47.8	43.4	60	27.5
50	61.6	56.3	71	30.5
65	74.6	69.4	99	38.5
80	88.8	83.2	103	44.5
100	116.7	110.9	130	50.5
150	172.5	160.9	225.3	77



ITEM NO: AUDE010

88° BEND M/F

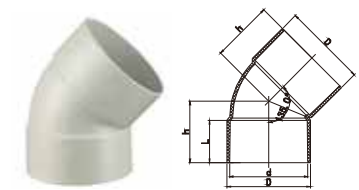
Nom Size	D	d	L1	L2	L3	D1	d1
40	47.8	43.4	27.5	52	52	43	38.2
50	61.1	56.3	30.5	62	64	56	51
65	74.6	69.4	38.5	88	97	69	63.6
100	116.7	110.9	50.5	130	132	110	103.8



ITEM NO: AUDE05

45° BEND SIDE ACCESS F/F

Nom Size	D	d	L	I	L1
100	116.7	110.9	110	50.5	108.26



ITEM NO: AUDE03

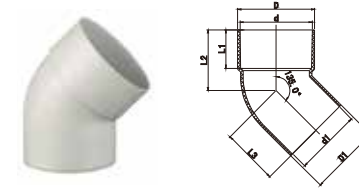
45° BEND F/F

Nom Size	D	d	L	h
32	40.8	36.8	24.5	33.3
40	47.8	43.4	27.5	39
50	61.1	56.3	30.5	45
65	74.6	69.4	38.5	56
80	88.8	83.2	44.5	65
100	116.7	110.9	50.5	77
150	168.5	160.9	77	136



AS/NZS1260

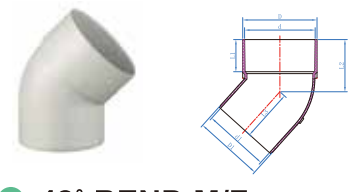
PVC DWV FITTINGS



ITEM NO: AUDE06

45° BEND M/F

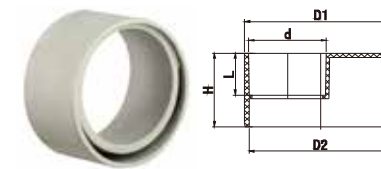
Nom Size	D	d	L1	L2	L3	D1	d1
40	47.8	43.4	27.5	43	39	43	38.2
50	61.1	56.3	30.5	49	45	56	51
65	74.6	69.4	38.5	60	56	69	63.6
80	88.8	83.2	44.5	70	65	82.5	76.5
100	116.7	110.9	50.5	82	82	110	103.8



ITEM NO: AUDE021

42° BEND M/F

Nom Size	D	d	L1	L2	L3	D1	d1
100	116.7	110.9	50.5	82	82	110	103.8



ITEM NO: AUDR01

SOCKET REDUCER

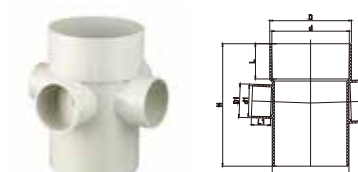
Nom Size	D1	D2	d	L	H
50X40	56	51	43.4	27.5	30.5
65X40	69	63.6	43.4	27.5	41.5
65X50	69	63.6	56.3	30.5	41.5
80X50	82.5	76.5	56.3	30.5	47
80X65	82.5	76.5	69.4	38.5	47
100X40	110	103.8	43.4	27.5	53.5
100X65	110	103.8	69.4	38.5	53.5
100X50	110	103.8	56.3	30.5	53.5
50X40	57.5	50.45	43.4	32	38.3
100X80	111	101.7	83.2	53.8	78.2



ITEM NO: AUDC01

ACCESS COUPLING

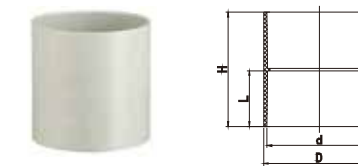
Nom Size	D	Tr	d	L	H
100	116.7	125	110.9	50.5	105
150	168.5	174	160.9	77	159.2



ITEM NO: AUD034

FOUR WAY RISER

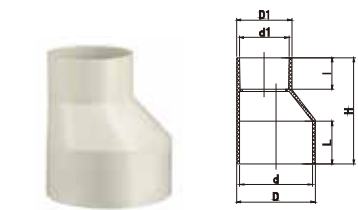
Nom Size	D	d	L	L1	H	D1	d1	D2
100X50X50X50X40	116.7	110.9	50.5	27.5	175	47.8	43.4	110
100X50X50X40X40	116.7	110.9	50.5	30.5	193.5	61.1	56.3	110
80X50X40X40X40	88.8	83.2	45.34	27.5	162	47.8	43.4	82.5



ITEM NO: AUDC02

COUPLING F/F

Nom Size	D	d	L	H
32	40.8	36.8	24.5	51.5
40	48.2	43.4	27.5	57
50	61.1	56.3	30.5	63
80	88.8	83.2	44.5	91
100	116.7	110.9	50.5	104



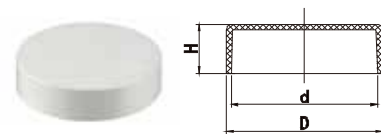
ITEM NO: AUDR02

LEVEL INVERT TAPER M/F

Nom Size	D	d	I	L	H	D1	d1
50X40	56	51	27.5	29.44	66	48.4	43.4
65X40	69	63.6	27.5	37.57	93	48.4	43.4
65X50	69	63.6	30.5	37.57	79	61.7	56.3
80X50	82.5	76.5	30.5	44.63	108	61.1	56.3
80X65	82.5	76.5	38.5	44.24	125	75.1	69.4
100X65	110	103.8	38.5	49.18	124	74.9	69.4
100X50	110	103.8	30.5	48.88	115.7	61.1	56.3
100X80	110	103.8	44.5	49.62	130	88.8	83.2
150X100	160	151.8	50.5	98.3	210	118.5	110.9

PVC DWV FITTINGS

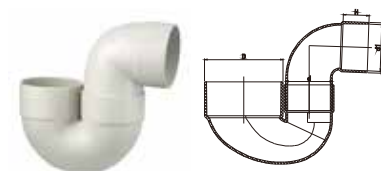
AS/NZS1260



ITEM NO: AUDW01

● DUST CAP

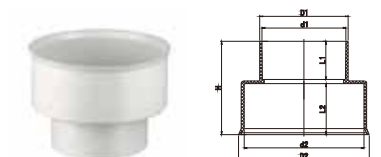
Nom Size	D	d	H
40	47.8	43.4	27.4
50	61.1	56.3	27.5
65	74.6	69.4	27.7
80	88.8	83.2	28
100	116.7	110.9	28.1
150	169.1	160.9	39.3



ITEM NO: AUDS01

● FLOOR WASTE GULLY

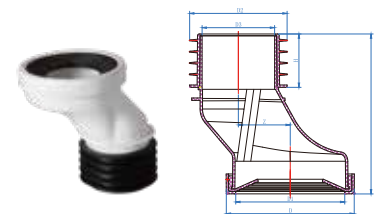
Nom Size	D	d	H	D1	d1
80X50	88.8	69.4	30.5	61.06	56.3
80X65	88.8	69.4	38.5	74.6	69.4
100X50	110.9	69.4	30.5	61.06	56.3
100X65	116.7	69.4	38.5	74.6	69.4
100X100	116.7	110.9	50.5	115	100



ITEM NO: AUD013

● CERAMIC ADAPTOR

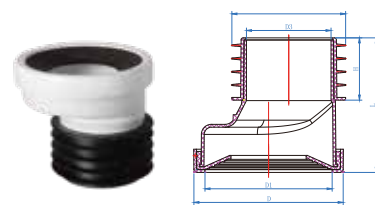
Nom Size	D1	d1	L1	L2	H	D2	d2
100	116.7	110.9	50.5	67	123	172.5	158.5



ITEM NO: AUDO03

● PAN CONNECTORS 60MM OFFSET

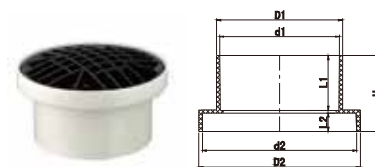
Size Nom	D	D1	D2	D3	H	L	Z
100	147	126	112.7	83.8	61.7	74.8	60



ITEM NO: AUDO05

● PAN CONNECTORS 20MM OFFSET

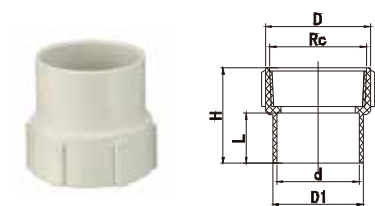
Size Nom	D	D1	D2	D3	H	L	Z
100	147	126	112.7	83.8	61.7	133.3	20



ITEM NO: AUDD01

● FINISHING COLLAR AND GRATE

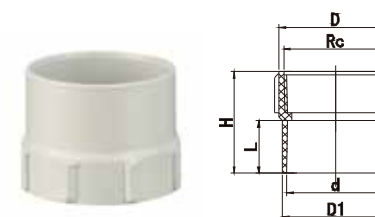
Nom Size	D1	d1	L1	L2	H	D2	d2
100	116.7	110.9	50.5	17	70	149.6	143.2



ITEM NO: AUD023

● ADAPTOR FEMALE IRON

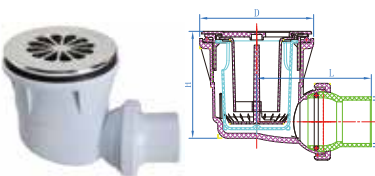
Nom Size	D	D1	Rc	d	H	L
40	53	43	G1 1/2	38.2	52.5	28
50	65	56	2"	51	59	31



ITEM NO: AUD030

● CONNECTOR FEMALE IRON

Nom Size	D	D1	Rc	d	H	L
40	53	47.8	1 1/2	43.4	50	27.5
50	65	61.1	2	56.3	59	30.5



ITEM NO: AUDO06

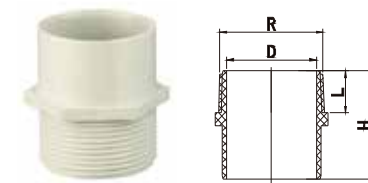
● EASY CLEAN SHOWER WASTE

Size Nom	D1	d1	D	H	L
50	50	43.4	114.2	107.15	114.9



AS/NZS1260

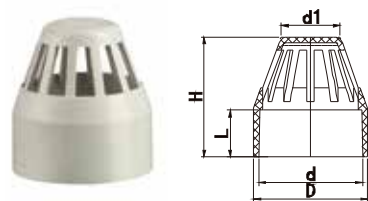
PVC DWV FITTINGS



ITEM NO: AUD024

● CONNECTOR MALE IRON

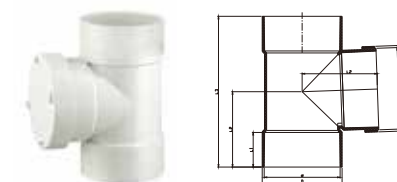
Nom Size	D	L	H	R
40	38.2	22.5	55	1 1/2
50	51	24	62	2



ITEM NO: AUD07

● VENT COWL

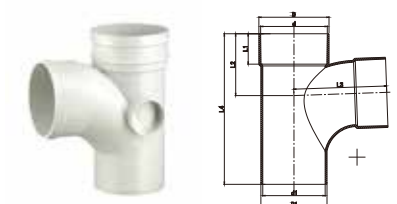
Nom Size	D	d	d1	L	H
50	62	56.3	32.05	25.2	65



ITEM NO: AUDI03

● INSPECTION TEST OPENING WITH ONE SOCKET THREAD F/F

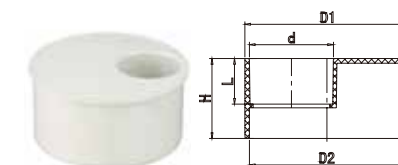
Nom Size	D	d	Tr	L1	L2	L3	D1
100	116.7	110.9	125	50.5	110	220	119



ITEM NO: AUDT09

● 88° JUNCTION M/F

Nom Size	D	d	L1	L2	L3	L4	d1	D1
100	116.7	110.9	50.5	102.8	154.5	250.3	103.8	110



ITEM NO: AUDR03

● PIPE REDUCER M/F

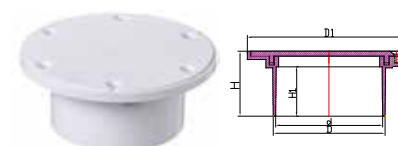
Nom Size	D1	D2	d	L	H
40X32	43.1	37.6	36.8	24.5	30.5
50X40	57.5	43.4	38.3	32	32
100X40	110	103.8	43.4	27.5	53.5
100X50	110	103.8	56.3	30.5	53.5
100X80	111	83.2	78.2	48.3	53.8



ITEM NO: AUDT010

● JUNCTION THREAD F/F

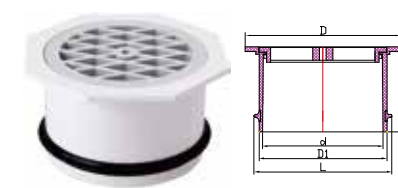
Nom Size	D	d	D1	H	Tr	L1	L2
100	119.6	110.9	116.7	270	124.2	50.5	193



ITEM NO: AUDF02

● FLANGE

Nom Size	D	d	D1	H	H1
100	116.5	110.9	169.5	67.5	51



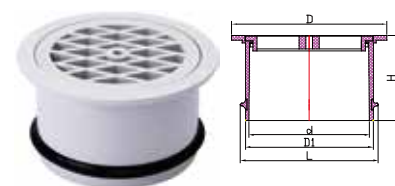
ITEM NO: AUDD02

● DIAMOND FLOOR DRAIN

Nom Size	D	d	D1	H	L
100	117.5	91.5	97	64.5	104.5

PVC DWV FITTINGS

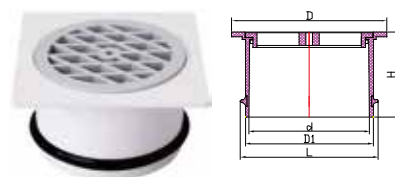
AS/NZS1260



ITEM NO: AUDD03

ROUND FLOOR DRAIN

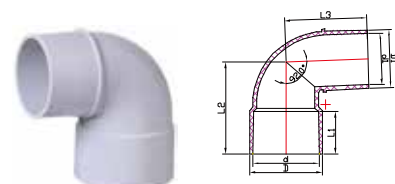
Nom Size	D	d	D1	H	L
100	117.5	91.5	97	64.5	104.5



ITEM NO: AUDD04

SQUARE FLOOR DRAIN

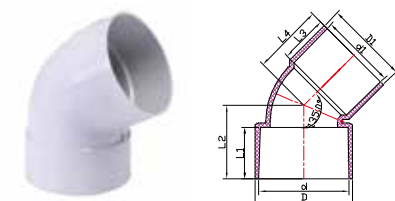
Nom Size	D	d	D1	H	L
100	117.5	91.5	97	64.5	104.5



ITEM NO: AUDE07

90° BEND M/F

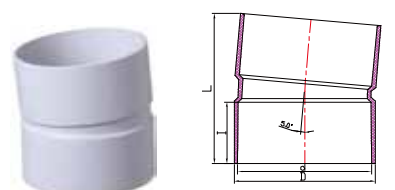
Nom Size	D	d	L1	L2	L3	D1	d1
40	47.8	43.4	27.5	60.09	54	37.9	33.5
50	61.1	56.3	30.5	68.27	64	50.2	44.2



ITEM NO: AUDE08

45° REDUCING BEND

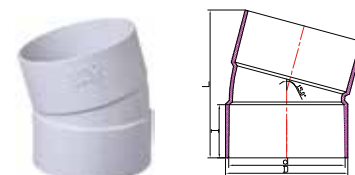
Nom Size	D	d	L1	L2	L3	L4	D1	d1
50X40	56	51.65	29.5	42.17	27.5	40.59	47.8	43.4



ITEM NO: AUDE09

5° BEND

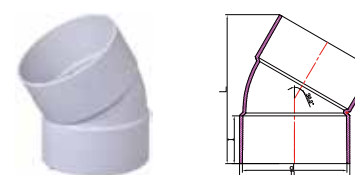
Nom Size	D	d	L	I
100	116.7	110.9	123.86	50.5



ITEM NO: AUDE011

15° BEND

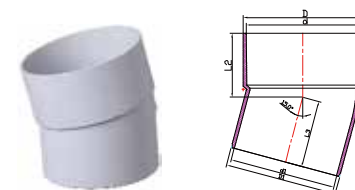
Nom Size	D	d	L	I
100	116.7	110.9	140.90	50.5



ITEM NO: AUDE012

30° BEND

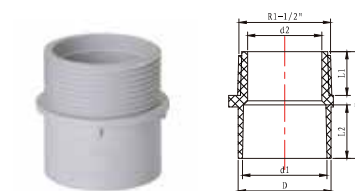
Nom Size	D	d	L	I
100	116.7	110.9	157.93	50.5



ITEM NO: AUDE013

15° BEND M/F

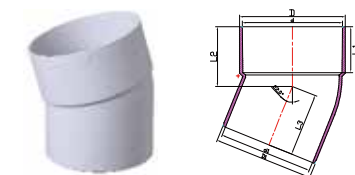
Nom Size	D	d	L1	L2	L3	D1	d1
100	116.7	110.9	50.5	62.4	65.76	110	103.8



ITEM NO: AUD025

ADAPTOR MALE IRON

Nom Size	D	d1	d2	R	L1	L2	H
40	47.8	43.4	38.2	1 1/2"	22.5	27.5	55
50	96.4	56.3	38.2	2"	24	27.5	59



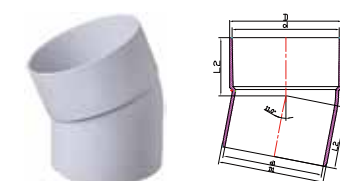
ITEM NO: AUDE014

22° BEND M/F

Nom Size	D	d	L1	L2	L3	D1	d1
100	116.7	110.9	50.5	66	69.43	110	103.8



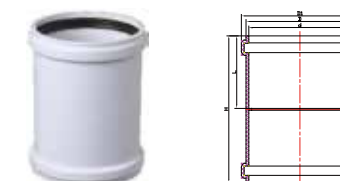
AS/NZS1260



ITEM NO: AUDE015

11° BEND M/F

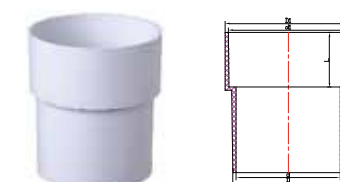
Nom Size	D	d	L1	L2	L3	D1	d1
100	116.7	110.9	50.5	60	64.24	110	103.8



ITEM NO: AUDC03

COUPLING WITH RUBBER

Nom Size	D	d	L	H	D1
100	117.3	111	78.9	160	127.4
150	169.2	161	116.5	236	181.8



ITEM NO: AUDR04

REDUCING COUPLING M/F

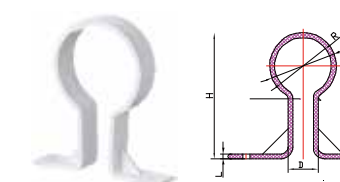
Nom Size	D	d	D1	d1	H	L
100	102.7	96.5	116.7	110.9	130	50.5



ITEM NO: AUDP01

KEY CLIP

Nom Size	L	D	d	D1	d1	H	R
40	54		14.35		14.35	9.4	48.9
100	136.3	53.3	23.3	56.3	26.3	12	116.9

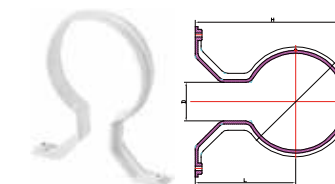


ITEM NO: AUDP02

PLAS CLIP Ω

Nom Size	D	L	L1	H	R	R1
32	19.4	3.2	59.2	80.5	42.6	36.2

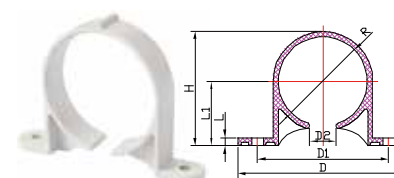
PVC DWV FITTINGS



ITEM NO: AUDP03

PIPE CLIP

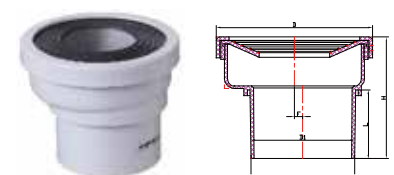
Nom Size	D	H	L	R
100	43.5	175.65	113.65	109.5



ITEM NO: AUDP04

PIPE CLIP SADDLE

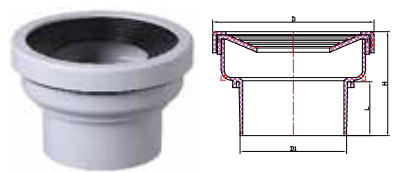
Nom Size	D	D1	D2	H	L	L1	R
40	81	62.3	12.6	54.5	4	30.75	42.5



ITEM NO: AUDO01

OFF SET PAN COLLAR 20°

Nom Size	D	D1	L	H	F
100	155	102.69	68	120.7	8.3



ITEM NO: AUDO02

OFF SET PAN COLLAR

Nom Size	D	D1	L	H
100	155	102.69	52	100.2



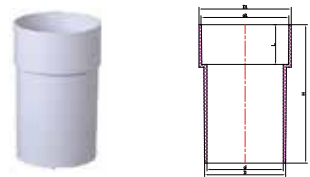
ITEM NO: AUDW04

COVER PLANLE

Nom Size	D	d	D1	L	L1
100	117.2	111	160.5	22	3.1

PVC DWV FITTINGS

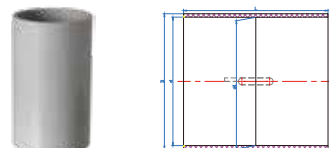
AS/NZS1260



ITEM NO: AUDC 04

● LONG COUPLING

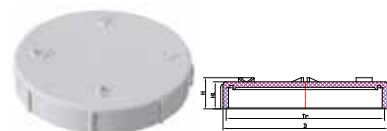
Nom Size	D	d	D1	d1	H	L
100	102.7	96.5	116.7	110.9	175	50.5



ITEM NO: AUDC07

● SLIP COUPLING

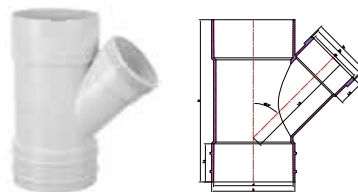
Nom Size	D	d	d1	L
100	117	111.1	110.8	125



ITEM NO: AUDW 03

● THREADED CAP

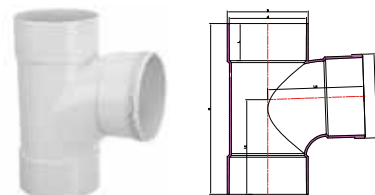
Nom Size	D	H	H1	Tr
100	182.5	34.5	30	175.5
150	169.1	39.3		160.9



ITEM NO: AUDT 011

● REDUCING TEE

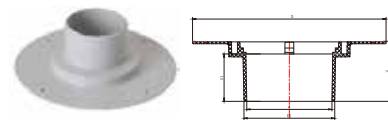
Nom Size	D	d	D1	d1	L1	L2	L3	L4	Tr
150X100	168.5	160.9	120	110.9	77	50.5	228.22	328	124



ITEM NO: AUDT 012

● 88° JUNCTION

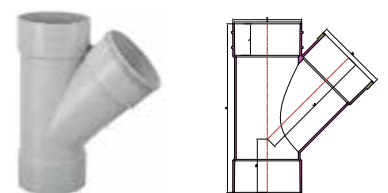
Nom Size	D	d	Tr	H	L	L1	L2
150	168.5	160.9	174.5	355	77	197	200



ITEM NO: AUDF03

● TILE LEAK CONTROL FLANGE

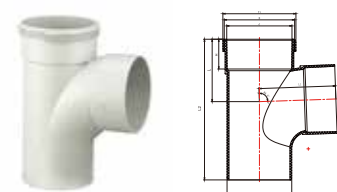
Nom Size	D	d	D1	H	H1
80	198	69.3	75.2	48.4	60.8
100	219	96.4	102.7	68	53.7



ITEM NO: AUDT 013

● 45° JUNCTION

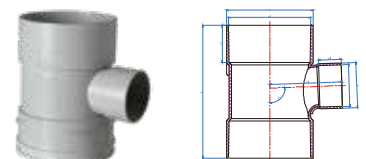
Nom Size	D	d	Tr	H	L	L1	L2
150	168.5	160.9	174.5	412	77	130.54	281.32



ITEM NO: AUDT 014

● 88° PLAIN JUNCTION M/F

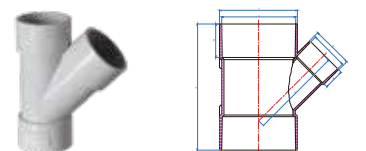
Nom Size	D	d	Tr	H	L	L1	L2	L3
100X88	119.6	110.9	124.2	50.5	106	130	239	110



ITEM NO: AUDT015

● 88° JUNCTION

Nom Size	D	d	D1	d1	L1	L2	L3	L4
100X50	61.1	56.3	116.7	110.9	180	50.5	97.42	30.5



ITEM NO: AUDT016

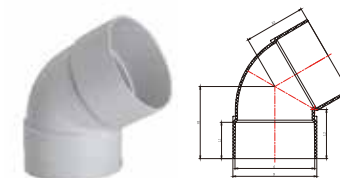
● 45° JUNCTION

Nom Size	D	d	D1	d1	L1	L2	L3	L4
100X50	61.1	56.3	116.7	110.9	190	50.5	139.1	30.5



AS/NZS1260

PVC DWV FITTINGS



ITEM NO: AUDE016

● 60° BEND F/F

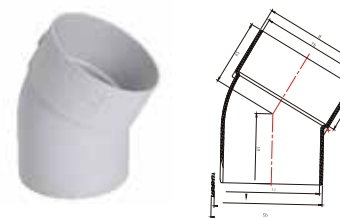
Nom Size	D	d	L1	L2	H1	H2
100	116.7	110.9	50.5	68.21	100.23	85.47



ITEM NO: AUDE017

● 11° BEND F/F

Nom Size	D	d	L	H
100	116.7	110.9	50.5	61



ITEM NO: AUDE018

● 30° BEND M/F

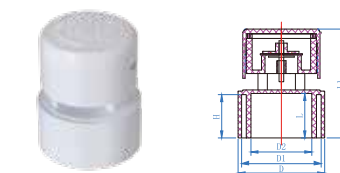
Nom Size	D	d1	d2	L1	L2	H1	H2
100	116.7	110.9	110	103.8	50.5	75.06	70.29



ITEM NO: AUDE019

● 22° BEND F/F

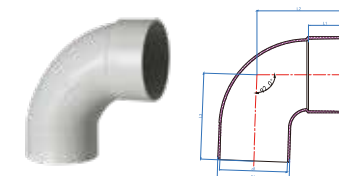
Nom Size	D	d	L	H
100	116.7	110.9	50.5	66



ITEM NO: AUDC06

● VENT PIPE

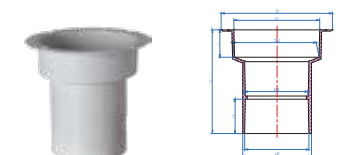
Size Nom	D	D1	D2	H	L	L1
50x40	61.1	56.3	43.4	30	31.5	76.2



ITEM NO: AUDE020

● DWV PVC BEND M&F PLAIN

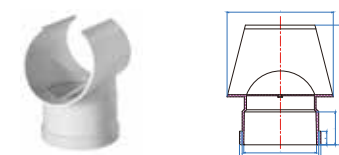
Size Nom	D	d	L1	L2	L3	D1	d1
100	116.7	110.9	50.5	116	104.2	102.7	96.5



ITEM NO: AUDC05

● COUPLING DWV FLANGED PRE-LAY

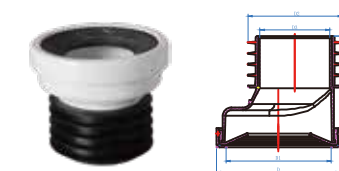
Size Nom	D	D1	D2	D3	d	d1	L	L1	L2
80	143.38	110.9	109.2	82	83.2	88.8	35.78	44.5	134



ITEM NO: AUDT017

● SNAP TEE

Size Nom	D	D1	D2	D3	H	L	L1
100	162	110.9	116.7	124.2	20.5	50.5	182.7



ITEM NO: AUDD04

● PAN CONNECTORS 0MM OFFSET

Size Nom	D	D1	D2	D3	H	L
100	147.9	126	112.7	83.8	61.7	133.3

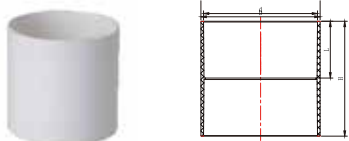


ITEM NO: AUDF04

● PUDDLE FLANGE

Size Nom	D	D1	D2	H	L
50	200.4	101.8	50	31.25	74.8

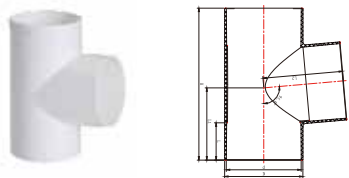
PVC-U PIPES AND FITTINGS FOR STORMWATER AS/NZS 1254



ITEM NO: ASC01

SLIP COUPLING

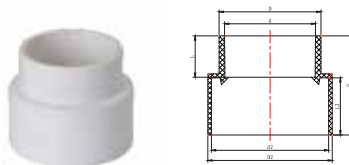
Nom Size	D	d	L	H
80	84	80.39	40	81



ITEM NO: AST01

TEE

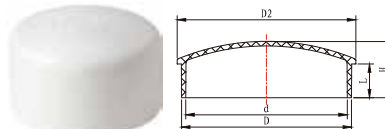
Nom Size	D	d	L	L1	L2	H
80	84	80.39	40	77.5	85.72	163



ITEM NO: ASR01

REDUCING ADAPTOR

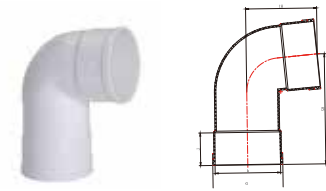
Nom Size	D	d	L	L2	D2	d2	H
100X90X80	90	80.4	36.5	50.5	110	103.6	87.5



ITEM NO: ASP01

CAP

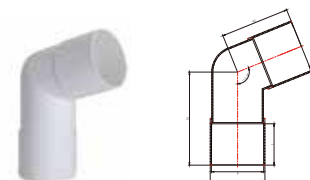
Nom Size	D	D2	d	L	H
80	75.5	79.3	71.7	15	25



ITEM NO: ASE03

95° DEGREE ELBOW F+F

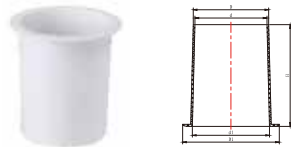
Nom Size	D	d	L	H1	H2
80	86	80.39	40	87.23	135.16



ITEM NO: ASE04

112° DEGREE ELBOW F+F

Nom Size	D	d	L	H1	H2
80X112	84	80.39	63.5	142.94	135.75



ITEM NO: AUDY01

DROPPER

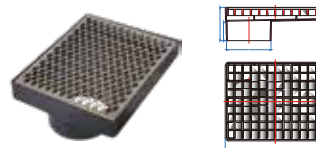
Nom Size	D	d	D1	d1	H
80	74.9	71.5	96	76.6	101



ITEM NO: ASD001

D SQUARE

Nom Size	D	D1	D2	D3	H	L	L1
150X150X100X90	150	142.6	98.8	102.5	150	18	50.8



ITEM NO: ASD002

STORM PVC OFFSET GRATE W/SS MESH (90mm)

Nom Size	D	D1	H	L	L1
190X150X90	190	85.3	150	35.31	63.5



ITEM NO: ASD003

GRATE OFFSET Plastic Mesh ABS

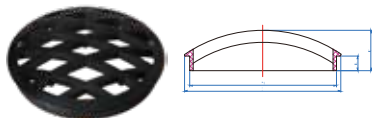
Nom Size	D	D1	H	L	L1
190X150X90	190	85.3	150	35.31	63.5



ITEM NO: ASD004

GRATE D SQUARE

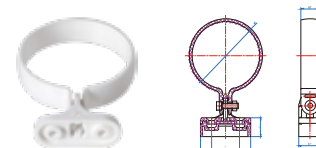
Nom Size	D	D1	D2	D3	H	L	L1
150X150X100X90	150	146	110.9	114	150	21	53.8



ITEM NO: ASD005

ARCHED POLY GRATE 125MM

Nom Size	D	D1	L	H
125	150	141	14	39



ITEM NO: ASD007

ADJUSTABLE RAIN CLIP

Nom Size	D	D1	D2	D3	H	R
80	33.1	59.4	26	20.6	21.9	79



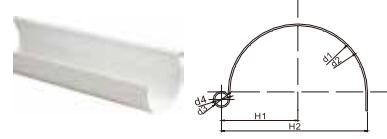
PVC RAINWATER GUTTER AND FITTING

RAIN GUTTER

PVC GUTTERS AND FITTINGS BS EN607/EN12200/EN1462



110MM RAINWATER SYSTEM COMPONENTS



ITEM NO:RWG001

RAIN GUTTER

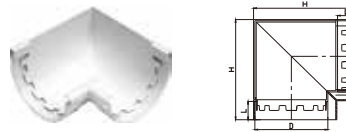
Nom Size	d1	d2	d3	d4	H1	H2
110	118.5	121.3		11.9	66.5	127.2



ITEM NO:RWG003

COUPLING

Nom Size	d1	d2	H
110	117.1	121.5	140.2



ITEM NO:RWG004-2

ANGLE CONNECTOR RIGHT

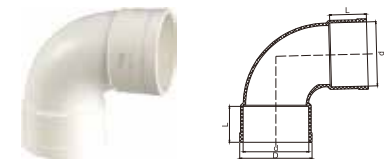
Nom Size	H	L	D
110	163.5	29.8	116.2



ITEM NO:RWG005

END CAP LEFT

Nom Size	d1	d2	H
110	117.1	121.5	140.2



ITEM NO:RWG008

UDE01 90° ELBOW

Nom Size	d	D	L
110	80.5	88.5	45



ITEM NO: RWG012

METAL CLAMP

Nom Size	d	D	L
110			



ITEM NO:RWG002

TEE

Nom Size	d1	d2	d3	d4	H	L
110	75.7	79.5	115.3	119.5	201.3	47



ITEM NO:RWG004-1

ANGLE CONNECTOR LEFT

Nom Size	H	L	D
110	176	29.8	116.2



ITEM NO:RWG007

CLAMP

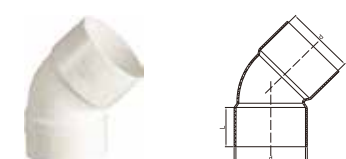
Nom Size	D	H
110	121	145.6



ITEM NO:RWG006

END CAP RIGHT

Nom Size	d1	d2	H
110	117.1	121.5	140.2



ITEM NO:RWG009

UDE03 45° ELBOW

Nom Size	d	D	L
110	80.5	84.5	46.7



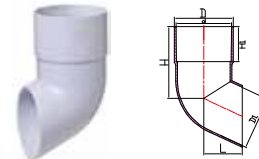
ITEM NO: RWG011

CLIP

Nom Size	L	L1	D
80	93.9	58	80



BS EN607/EN12200/EN1462 PVC GUTTERS AND FITTINGS

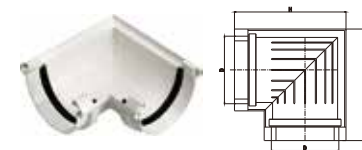


ITEM NO:RWG 014

SHOE DIVERTER

Nom Size	D	d	H	H1	D1	L
80	86.2	81	105.1	51	77.17	56.38

110 MM RAINWATER SYSTEM COMPONENTS



ITEM NO:RWG 004-3

ANGLE CONNECTOR WITH GASKET

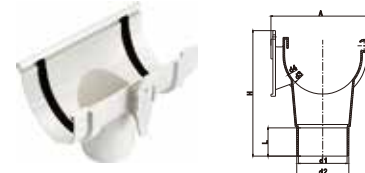
Nom Size	D	H
110	120.67	199.45



ITEM NO:RWG 003-1

COUPLING WITH GASKET

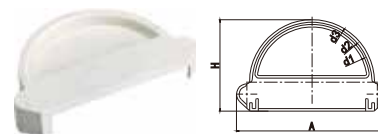
Nom Size	D	H	A
110	116.2	152.3	100



ITEM NO:RWG 002-1

TEE WITH GASKET

Nom Size	A	H	L	d1	d2	d3	d4
110	152.3	191.2	43	74.4	84.5	116.2	121.2



ITEM NO:RWG 005-1

END CAP TYPE II

Nom Size	H	A	d1	d2	d3
110	88.5	146.4	112	116.2	121.2



ITEM NO:RWG010

COUPLING M/F

Nom Size	D	d	d1	L	H
80	86.5	80	74.7	85.3	137.5

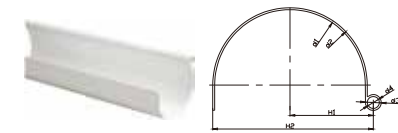


ITEM NO:RWG 013

INVISIBLE CLAMP

Nom Size	D	L	L1	R1	R2
110	100	149.3	138.3	14.9	120

125MM RAINWATER SYSTEM COMPONENTS



ITEM NO:RWGS001

RAIN GUTTER

Nom Size	d1	d2	d3	d4	H1	H2
125	125	128.4	14.7	11.1	70	134.2



ITEM NO:RWGS003

COUPLING

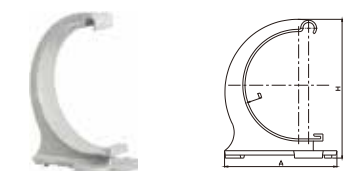
Nom Size	D	H	A
125	131	210	169



ITEM NO:RWGS004

ANGLE CONNECTOR

Nom Size	H	D
125	226	131



ITEM NO:RWGS007

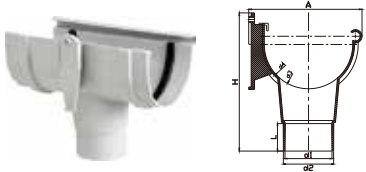
CLAMP

Nom Size	D	H	A
125	131.0	171.5	142.0

PVC GUTTERS AND FITTINGS BS EN607/EN12200/EN1462



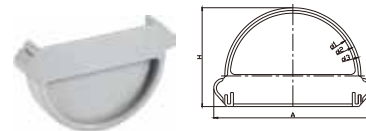
125MM RAINWATER SYSTEM COMPONENTS



ITEM NO:RWGS002

TEE

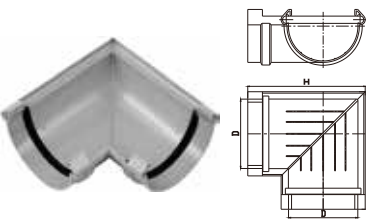
Nom Size	d1	d2	d3	d4	H	L	A
125	74.4	80	131	136.6	189.3	43	169



ITEM NO:RWGS005

ENDCAP

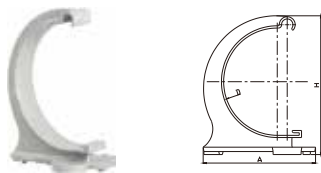
Nom Size	d1	d2	d3	H	A
125	125.8	131	136.2	99.3	160.7



ITEM NO:RWGM004

ANGLE CONNECTOR

Nom Size	H	D
140	245	145

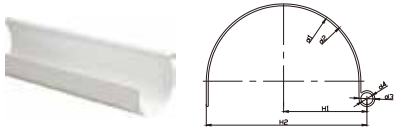


ITEM NO:RWGM007

CLAMP

Nom Size	D	H	A
140	145	187.5	152

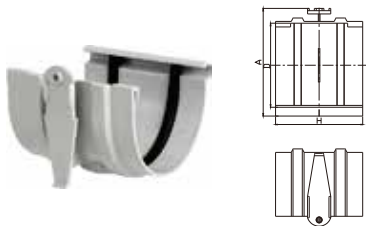
140MM RAINWATER SYSTEM COMPONENTS



ITEM NO:RWGM001

RAIN GUTTER

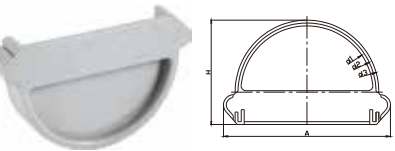
Nom Size	d1	d2	d3	d4	H1	H2
140	140	143.6	14.7	11.1	77.5	149.3



ITEM NO:RWGM003

COUPLING

Nom Size	D	H	A
140	145	151	186



ITEM NO:RWGM005

END CAP

Nom Size	d1	d2	d3	H	A
140	139	145	151	110	176



ITEM NO:RWGM002

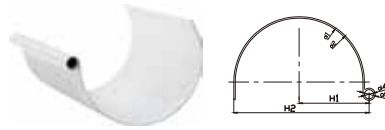
TEE

Nom Size	d1	d2	d3	d4	H	L	A
140	77	82	145	151	226	45	186



BS EN607/EN12200/EN1462 PVC GUTTERS AND FITTINGS

170MM RAINWATER SYSTEM COMPONENTS



ITEM NO:RWGL001

RAIN GUTTER

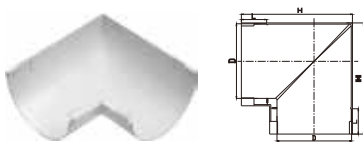
Nom Size	d1	d2	d3	d4	H1	H2
170	170	174	16.2	12.2	93.2	180.2



ITEM NO:RWGL003

COUPLING

Nom Size	d1	d2	H
170	176.2	181.8	196



ITEM NO:RWGL004-2

ANGLE CONNECTOR RIGHT

Nom Size	H	L	D
170	263	60	176.2



ITEM NO:RWGL006

END CAP RIGHT

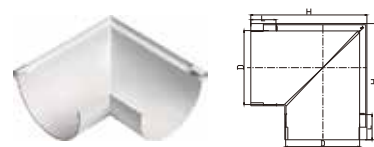
Nom Size	d1	d2	H
170	176.2	181.8	196



ITEM NO:RWGL002

TEE

Nom Size	d1	d2	d3	d4	H	L
170	94.4	100	176.2	181.8	159	48



ITEM NO:RWGL004-1

ANGLE CONNECTOR LEFT

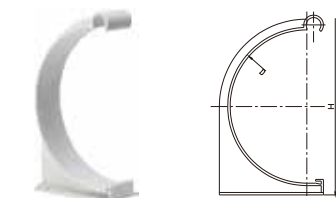
Nom Size	H	L	D
170	277.2	60	176.2



ITEM NO:RWGL005

END CAP LEFT

Nom Size	d1	d2	H
170	176.2	181.8	196



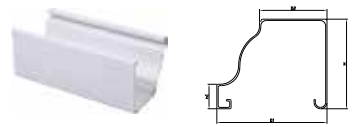
ITEM NO:RWGL007

CLAMP

Nom Size	D	H
170	176.2	206.7



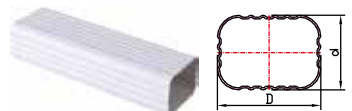
5.2" SQUARE RAINWATER SYSTEM COMPONENTS



ITEM NO: RWGA001

RAIN GUTTER

Nom Size	D1	D2	H	h1
5.2"	138	90	105	21



ITEM NO: RWGA006

RECTANGLE PIPE

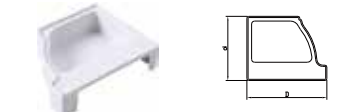
Nom Size	D	d
5.2"	86	63



ITEM NO: RWGA005-1

LEFT END CAP

Nom Size	D	d
5.2"	136	109



ITEM NO: RWGA005-2

RIGHT END CAP

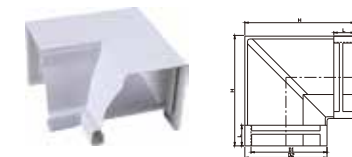
Nom Size	D	d
5.2"	136	109



ITEM NO: RWGA003

COUPLING

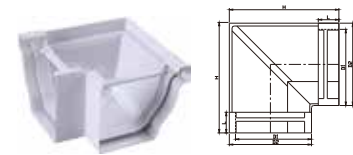
Nom Size	D1	D2	H	h1	h2
5.2"	135	90	108	27	5



ITEM NO: RWGA004-1

90° INSIDE CORNER

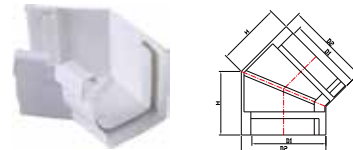
Nom Size	H	D1	D2	L
5.2"	180	86	135	37.5



ITEM NO: RWGA004-2

90° OUTSIDE CORNER

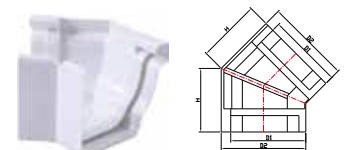
Nom Size	H	D1	D2	L
5.2"	180	86	135	37.5



ITEM NO: RWGA008-1

135° INSIDE CORNER

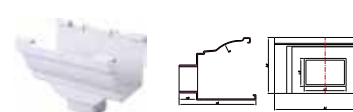
Nom Size	D1	D2	H
5.2"	105	132	105



ITEM NO: RWGA008-2

135° OUTSIDE CORNER

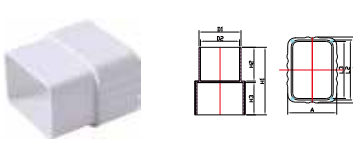
Nom Size	D1	D2	H
5.2"	105	132	105



ITEM NO: RWGA002

TEE

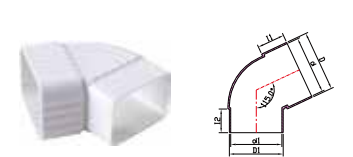
Nom Size	A1	A2	H1	H2	D	L1	L2
5.2"	219	152	173	35	100	79	58



ITEM NO: RWGA009

COUPLING OF PIPE

Nom Size	A	L1	L2	L3	D1	D2	H1	H2	H3
5.2"	65.5	88	80	76	56	52	90	45	43



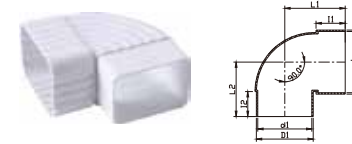
ITEM NO: RWGA010

65° DIVERTER

Nom Size	D	d	D1	d1	I1	I2
5.2"	67	63	57	53	41	35



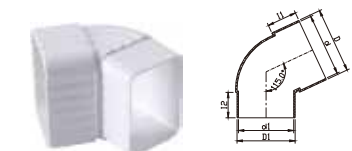
5.2" SQUARE RAINWATER SYSTEM COMPONENTS



ITEM NO: RWGA011

90° DIVERTER

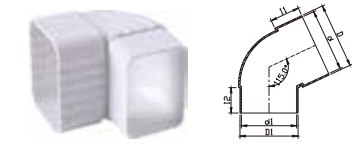
Nom Size	D	d	D1	d1	L1	L2	I1	I2
5.2"	67	63	57	53	73.5	64.5	41	35



ITEM NO: RWGA012

65° ELBOW

Nom Size	D	d	D1	d1	I1	I2
5.2"	91	86	80	76	41	35



ITEM NO: RWGA013

90° ELBOW

Nom Size	D	d	D1	d1	L1	L2	I1	I2
5.2"	91	86	80	76	85	57	41	35



ITEM NO: RWGA014

CLIP

Nom Size	A1	A2	H	D
5.2"	125	88.5	61.8	5



ITEM NO: RWGA015

GUTTER HANGER-SINGLE HOLE

Nom Size	A	H
5.2"	60	131



ITEM NO: RWGA007

CLAMP

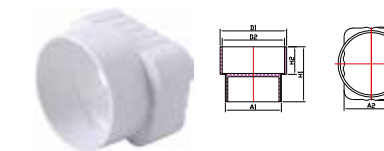
Nom Size	D1	D2	H1	H2
5.2"	145	101	22	132



ITEM NO: RWGA018

SKEW TEE

Nom Size	D	d	D1	d1	H	L1	L2	I1	I2
5.2"	90	86	80	76	198	126.6	120.2	45	35



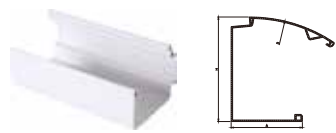
ITEM NO: RWGA019

CONVERSION JOINT

Nom Size	A1	A2	L	H1	H2	D1	D2
5.2"	67.5	65.5	88	66	33	80	75



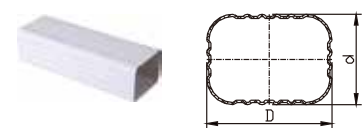
7" SQUARE RAINWATER SYSTEM COMPONENTS



ITEM NO: RWGB001

RAIN GUTTER

Nom Size	A	H	D
7"	76	148	100



ITEM NO: RWGB006

RECTANGLE PIPE

Nom Size	D1	d
7"	100	80



ITEM NO: RWGB005-1

LEFT END CAP

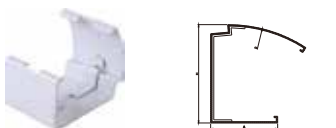
Nom Size	D1	d
7"	100	80



ITEM NO: RWGB005-2

RIGHT END CAP

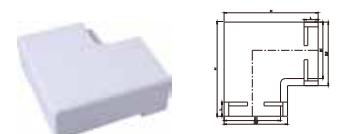
Nom Size	D1	d
7"	100	80



ITEM NO: RWGB003

COUPLING

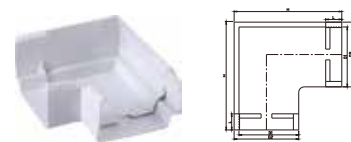
Nom Size	A	H	D
7"	83	156	150



ITEM NO: RWGB004-1

90° INSIDE CORNER

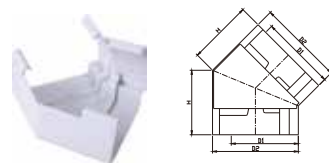
Nom Size	H	D1	D2	L
7"	220	135	157	51.5



ITEM NO: RWGB004-2

90° OUTSIDE CORNER

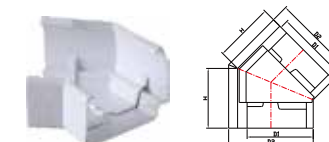
Nom Size	H	D1	D2	L
7"	220	134.2	156.5	51.5



ITEM NO: RWGB008-1

135° INSIDE CORNER

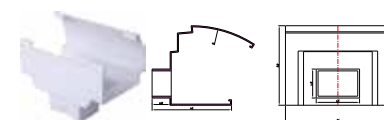
Nom Size	D1	D2	H
7"	140	160	120



ITEM NO: RWGB008-2

135° OUTSIDE CORNER

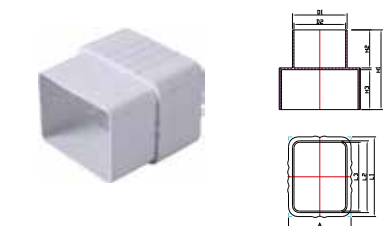
Nom Size	D1	D2	H
7"	137	154	120



ITEM NO: RWGB002

TEE

Nom Size	A1	A2	H1	H2	D	L1	L2
7"	231	156	155	49	150	94	71



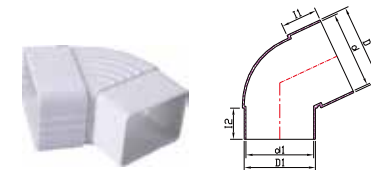
ITEM NO: RWGB009

COUPLING OF PIPE

Nom Size	A	L1	L2	L3	D1	D2	H1	H2	H3
7"	82.5	105	94.5	90.5	72	68	105	50	52.5



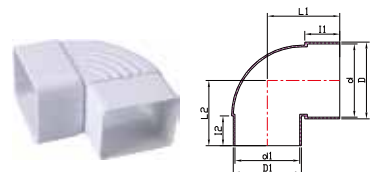
7" SQUARE RAINWATER SYSTEM COMPONENTS



ITEM NO: RWGB010

65° DIVERTER

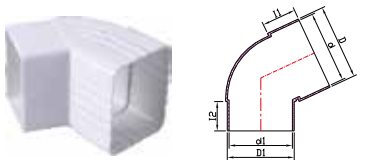
Nom Size	D	d	D1	d1	I1	I2
7"	83	79	73	69	54	50



ITEM NO: RWGB011

90° DIVERTER

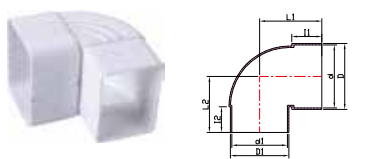
Nom Size	D	d	D1	d1	L1	L2	I1	I2
7"	83	79	73	69	93.5	88.5	54	50



ITEM NO: RWGB012

65° ELBOW

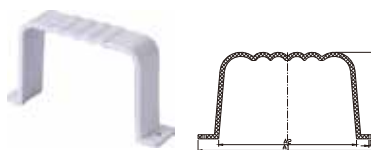
Nom Size	D	d	D1	d1	I1	I2
7"	105	101	94	90	54	50



ITEM NO: RWGB013

90° ELBOW

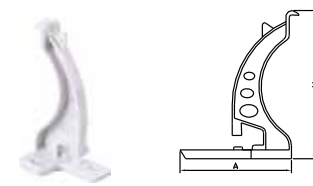
Nom Size	D	d	D1	d1	L1	L2	I1	I2
7"	105	101	94	90	106	98.5	54	50



ITEM NO: RWGB014

CLIP

Nom Size	A1	A2	H	D
7"	141.6	106.8	71	5



ITEM NO: RWGB007

U HANGER

Nom Size	A	H
7"	87	151



ITEM NO: RWGB019

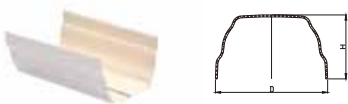
CONVERSION JOINT

Nom Size	A1	A2	L	H1	H2	D1	D2
7"	105	105	82.5	95.5	45.5	80	75

PVC GUTTERS AND FITTINGS BS EN607/EN12200/EN1462



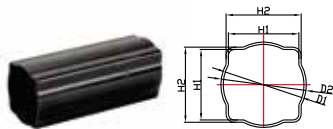
125MM SQUARE RAINWATER SYSTEM COMPONENTS



ITEM NO: RWGF001

SQUARE RAIN GUTTER

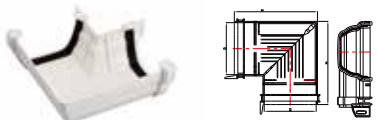
Nom Size	D	H
125	129.1	73.58



ITEM NO: RWGF007

SQUARE RAIN PIPE

Nom Size	H1	H2	D1	D2
74	61	65	70	74



ITEM NO: RWGF004

SQUARE ELBOW

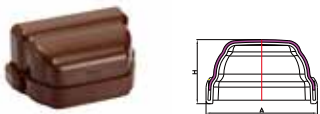
Nom Size	D	H
125	128.7	206.02



ITEM NO: RWGF009

SQUARE 45 ELBOW

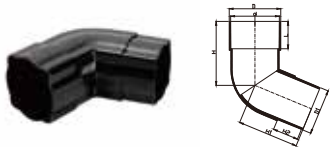
Nom Size	D	d	D1	H	L	H1
74	79	74.5	74	98	42	61.7



ITEM NO: RWGF005

SQUARE END CAP

Nom Size	A	H
125	148.11	85.27



ITEM NO: RWGF008

SQUARE 45 ELBOW M/F

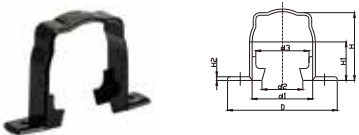
Nom Size	D	d	D1	H	L	H1	H2
74	79	74.5	70	98	42	93.5	39.5



ITEM NO: RWGF002

SQUARE TEE

Nom Size	A	D	d	H	L
125	148.51	60.17	56	135.8	38



ITEM NO: RWGF011

SQUARE U CLAMP

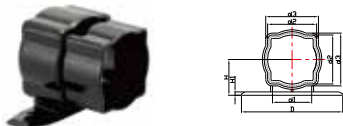
Nom Size	D	d1	d2	d3	H	H1	H2
74	134	74	50	65	82.7	47	4.5



ITEM NO: RWGF006

SQUARE CLAMP

Nom Size	A	H
125	105.3	130.09



ITEM NO: RWGF010

SQUARE COUPLING M/F

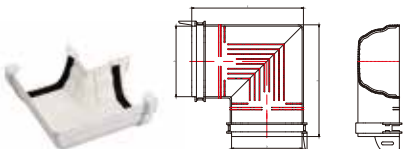
Nom Size	D	d1	d2	d3	H	H1
74	134.5	52	65	70	47.5	4.5



ITEM NO: RWGF003

SQUARE COUPLING

Nom Size	A	D	D1	H
125	104.6	85.13	121	130.09



ITEM NO: RWGF013

RIGHT SQUARE ELBOW 125MM

Nom Size	D	H
125	130.09	206.02



PVC-U INSULATING
ELECTRICAL
PIPES & FITTINGS

ELECTRIC CONDUITS AND FITTINGS

PVC-U INSULATING ELECTRICAL PIPES & FITTINGS



ITEM NO:EDT01

TRUNKING

Model		mm		
DN100X60	DN100X60	DN100X60	DN100X60	DN100X60
DN100X60	DN100X60	DN100X60	DN100X60	DN100X60



ITEM NO:ED001

PIPES

External diameter (mm)	Middle type	16	20	25	32	40
	Light type	16	20	25	32	40



ITEM NO:ED002

INSPECTION ELBOW

Model		mm		
20	25	32		



ITEM NO:ED003

ELBOW

Model		mm		
16	20	25	32	40



ITEM NO:ED004

INSPECTION TEE

Model		mm		
20	25	32		



ITEM NO:ED005

TEE

Model		mm		
16	20	25	32	40



ITEM NO:ED006

SCREWED CONVERTERS

Model		mm		
16	20	25	32	



ITEM NO:ED007

COUPLING

Model		mm		
16	20	25	32	40



ITEM NO:ED008

REDUCING COUPLING

Model		mm		
20X16	25X20	32X25	32X20	



ITEM NO:ED009

OCTAGON OUTLET BOX

Model		mm		
75X75X50				



PVC-U INSULATING ELECTRICAL PIPES & FITTINGS



ITEM NO:ED010

ONE WAY CIRCULAR BOX

Model		mm		
16	20	25		



ITEM NO:ED015

CIRCULAR PROTECTOR COVER

Model		mm		
65				



ITEM NO:ED011

TWO WAY CIRCULAR BOX

Model		mm		
16	20	25		



ITEM NO:ED016

ONE WAY EXTENSION RING

Model		mm		
20	25			



ITEM NO:ED012

THREE WAY CIRCULAR BOX

Model		mm		
16	20	25		



ITEM NO:ED017

TWO WAY EXTENSION RING

Model		mm		
20	25			



ITEM NO:ED013

FOUR WAY CIRCULAR BOX

Model		mm		
16	20	25		



ITEM NO:ED018

THREE WAY EXTENSION RING

Model		mm		
20	25			



ITEM NO:ED014

ANGLE CIRCULAR BOX

Model		mm		
16	20	25		



ITEM NO:ED019

FOUR WAY EXTENSION RING

Model		mm		
20	25			

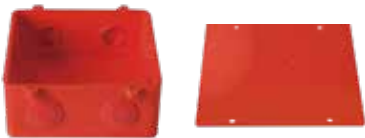
PVC-U INSULATING ELECTRICAL PIPES & FITTINGS



ITEM NO:ED020

● ANGLE EXTENSION RING

Model		mm
20		25



ITEM NO: ED034

● SQUARE BOX

Size Nom	d	D	H	L	h1
120X120X50	75.8	120	124.5	120	56



ITEM NO:ED021

● PIPE TRACKET

Model		mm
16	20	25
32	40	50



ITEM NO: ED035

● JUNCTION BOX

Size Nom	d	D	H	L	D1
100X100X44	74.02	102.8	100	44.5	100



ITEM NO:ED022

● INLET BOX

Model	mm
16X86X45	



ITEM NO: ED036

● UTILITY BOX

Size Nom	D	H	d	d1	L	L1
106X62X48	105.5	61.5	82.5	40	48	23.5



ITEM NO:ED023

● OUTLET BOX

Model	mm
75X75X65	



PVC-U INSULATING
ELECTRICAL
PIPES & FITTINGS
(AS/NZS 2053)

ELECTRIC CONDUITS AND FITTINGS



ITEM NO: AEDC001

CONDUIT (medium type)

Size Nom	Outer Dia(D)	Wall Thickness(E)
20	19.7-20	1.8-2.1
25	24.7-25	1.8-2.1
32	31.7-32	2.1-2.4
40	39.7-40	2.4-2.7
50	49.7-50	2.8-3.1
63	62.7-63	3.0-3.5

CONDUIT (heavy type)

Size Nom	Outer Dia(D)	Wall Thickness(E)
20	19.7-20	2.3-2.6
25	24.7-25	2.5-2.8
32	31.7-32	2.7-3.0
40	39.7-40	3.1-3.4
50	49.7-50	3.4-3.9
63	62.7-63	3.9-4.5



ITEM NO: AED001

CONDUIT (medium type)

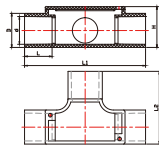
Size Nom	Wall Thickness(E)
20	0.3
25	0.4
32	0.6
40	0.65
50	0.65



ITEM NO: AED001

CONDUIT (heavy type)

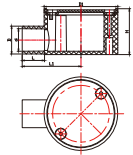
Size Nom	Wall Thickness(E)
20	0.35
25	0.5
32	0.65
40	0.8
50	0.75



ITEM NO: AED002

CONDUIT INSPECTION TEE

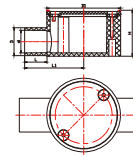
Size Nom	D	d	L	L1	H	L2
20	24.8	20.25	20	88	29.8	53
25	30.2	25.25	24	106.8	37.7	68
32	37.6	32.25	27	132	44	84



ITEM NO: AED003

CONDUIT JUNCTION BOX 1 WAY

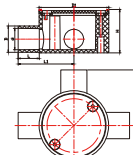
Size Nom	D	d	L	L1	D1	H
20	24.8	20.25	20	52.7	66	41
25	30.2	25.25	24	57.5	68	68



ITEM NO: AED004

CONDUIT JUNCTION BOX 2 WAY

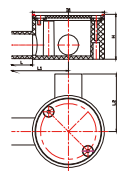
Size Nom	D	d	L	L1	D1	H
20	24.8	20.25	20	52.7	66	41
25	30.2	25.25	24	57.5	68	68



ITEM NO: AED005

CONDUIT JUNCTION BOX 3 WAY

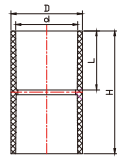
Size Nom	D	d	L	L1	L2	D1	H
20	24.8	20.25	20	52.7	52.7	66	41
25	30.2	25.25	24	57.5	57.5	68	68



ITEM NO: AED006

RIGHT ANGLE SHALLOW J/B

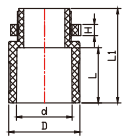
Size Nom	D	d	L	L1	L2	D1	H
20	24.8	20.25	20	52.7	52.7	66	41
25	30.2	25.25	24	57.5	57.5	68	68



ITEM NO: AED007

CONDUIT COUPLING

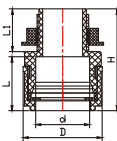
Size Nom	D	d	L	H
20	23.7	20.25	20	42
25	29	25.25	24	50
32	36.4	32.25	27	56
40	40.3	45.1	33	68
50	56.2	50.3	41	85
63	69.8	63.3	51	105



ITEM NO: AED008

CONDUIT ADAPTOR WITH LOCKRING-PLAIN TO THREADED

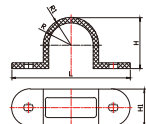
Size Nom	D	d	L	H	L1
20	25.8	20.25	20	4	34.3
25	31.2	25.25	24	5	40.5
32	38.6	32.25	27	9.5	48
40	46.5	40.3	33	9	55.5
50	57.1	50.3	41	11.5	66.5



ITEM NO: AED009

CORRUGATED CONDUIT GLANDS

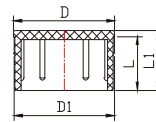
Size Nom	D	d	L	L1	H1
20	30	20.5	20.3	16	38
25	37	25.5	26.2	19.8	40.6



ITEM NO: AED010

CONDUIT MOUNTING SADDLE

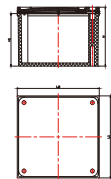
Size Nom	R	R1	L	H	H1
20	10	12.5	51.5	22.5	17
25	12.25	15.25	65	28	20.5
32	16	19	81	35	23



ITEM NO: AED011

END PLUG

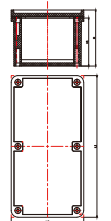
Size Nom	D	D1	L	L1
20	20.5	20.2	10.9	12.4
25	25.5	25.2	13.5	15



ITEM NO: AED012

CONDUIT ADAPTABLE BOX

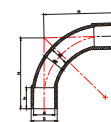
Size Nom	H	H1	L	L1
77X77X54	56	49	77	77
108x108x76	77.5	69	108	108



ITEM NO: AED013

CONDUIT ADAPTABLE BOX

Size Nom	H	H1	L	L1
211x108x81	83.5	71.5	211	108



ITEM NO: AED014

STANDARD BEND 90°(HD)

Size Nom	D	d	d1	d2	h	H
20	24.85	20.25	18	22.6	20	67.5
25	30.25	25.25	22.5	27.5	24	87.5
32	36.36	32.25	27.6	33	27	133

PVC-U INSULATING ELECTRICAL PIPES & FITTINGS AS/NZS 2053



ITEM NO: AED015

STANDARD BEND 90°(MD)

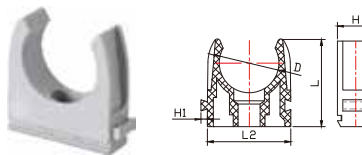
Size Nom	D	d	d1	d2	h	H
20	23.85	20.25	18	21.6	20	67.5



ITEM NO: AED016

CONDUIT ELBOW

Size Nom	D	D1	L	L1
20	24.8	20.25	20	41.5
25	30.2	25.25	24	49



ITEM NO: AED017

MOUNTING CLIP

Size Nom	D	L	L2	H	H1
20	19.6	28.6	27.3	12	2
25	24.6	35.9	34.2	12	2
32	31.4	38.6	41.2	12	2
40	39.4	46.91	50.2	12	2
50	49	52.8	60.2	12	2



ITEM NO: AED018

CONDUIT INSPECTION ELBOW

Size Nom	D	d	L	L1	H
20	24.8	20.25	20	48.5	27.4
25	30.2	25.25	24	48.8	34.3
32	37.6	32.25	27	65.6	40.6



ITEM NO: AED019

FULL METAL SADDLE

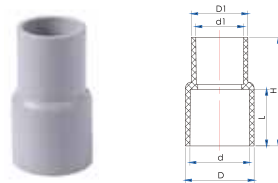
Size Nom		
20	25	32



ITEM NO: AED020

HALF METAL SADDLE

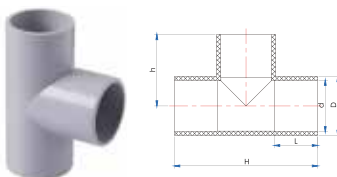
Size Nom		
20	25	32



ITEM NO: AED021

CONDUIT REDUCING COUPLING

Size Nom	D	d	d1	D1	L	H
20X25	29.05	25.25	20.25	23.75	24	46

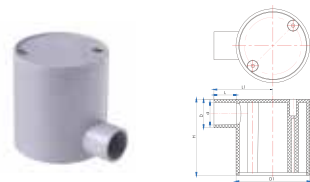


ITEM NO: AED022

CONDUIT TEE

Size Nom	d	D	H	h	L
20	20.25	23.75	62.6	31.3	20
25	25.25	28.85	70	35	21

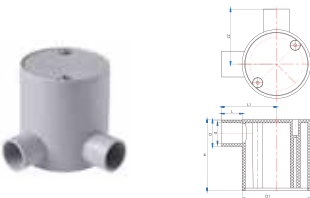
AS/NZS 2053 PVC-U INSULATING ELECTRICAL PIPES & FITTINGS



ITEM NO: AED023

DEEP JUNCTION BOX 1WAY

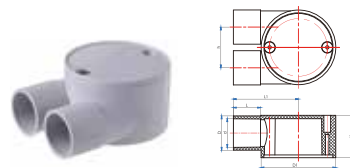
Size Nom	D1	d	D	L1	L	H
20	66	20.25	24.85	52.75	20	68



ITEM NO: AED024

DEEP JUNCTION BOX 2WAY ANGLE

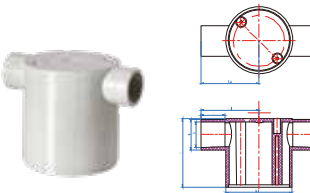
Size Nom	D1	d	D	L1	L	L2	H
20	66	20.25	24.85	52.75	20	52.75	68



ITEM NO: AED025

JUNCTION BOX U WAY

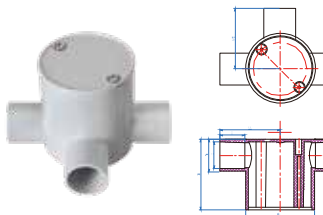
Size Nom	D	d	D1	L1	L	H	h
20	24.85	20.25	66	52.75	20	37.5	41.2
25	30.25	25.25	66	57.5	24	37.5	36



ITEM NO: AED026

DEEP JUNCTION BOX 2 WAY

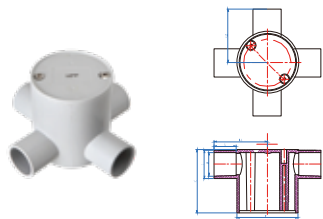
Size Nom	D1	d	D	H	L	L1	L2
20	66	20.25	24.85	68	20	52.75	52.75
25	66	25.25	30.25	68	24	57.5	57.5



ITEM NO: AED027

DEEP JUNCTION BOX 3 WAY

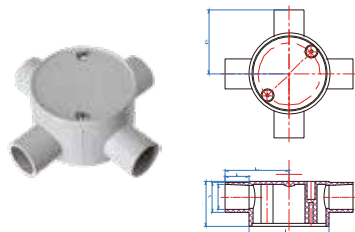
Size Nom	D1	d	D	H	L	L1	L2
20	66	20.25	24.85	68	20	52.75	52.75
25	66	25.25	30.25	68	24	57.5	57.5



ITEM NO: AED028

DEEP JUNCTION BOX 4WAY

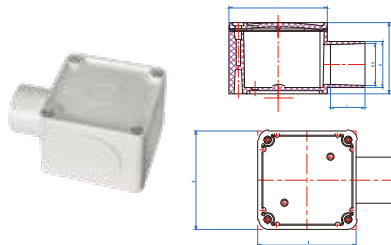
Nom	D1	d	D	H	L	L1	L2
20	66	20.25	24.85	68	20	52.75	52.75
25	66	25.25	30.25	68	24	57.5	57.5



ITEM NO: AED029

SHALLOW JUNCTION BOX 4WAY

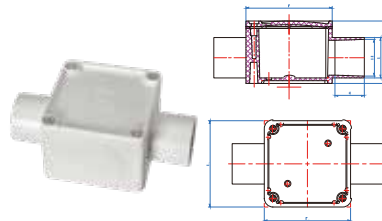
Size Nom	D1	d	D	H	L	L1	L2
20	66	20.25	24.85	37.5	20	52.75	52.75
25	66	25.25	30.25	37.5	24	57.5	57.5



ITEM NO: AED030

SQUARE JUNCTION BOX WITH 1WAY

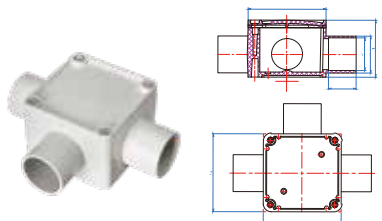
Size Nom	D	d	H	L	h1	L1	D1
32	77	27	56	36.45	32.25	77	77



ITEM NO: AED031

SQUARE JUNCTION BOX WITH 2WAY

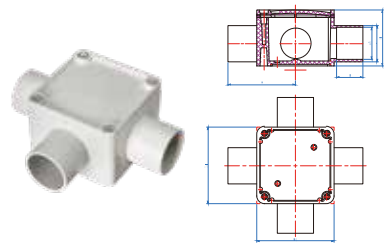
Size Nom	D	d	H	L	h1	L1	D1
32	77	27	56	36.45	32.25	77	77



ITEM NO: AED032

SQUARE JUNCTION BOX WITH 3WAY

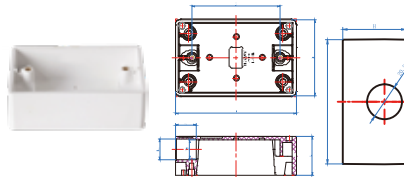
Size Nom	D	d	H	L	h1	L1	D1
32	77	27	56	36.45	32.25	77	77



ITEM NO: AED037

● SQUARE JUNCTION BOX WITH 4WAY

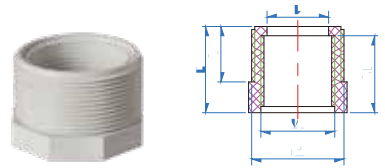
Size Nom	D	d	H	L	h1	L1	D1
32	67.8	27	56	36.45	32.25	77	77



ITEM NO: AED033

● SURFACE MOUNTING BLOCK WITH 20MM ENTRY

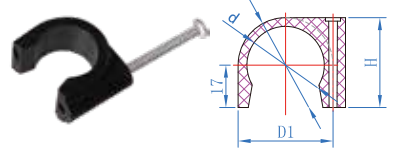
Size Nom	D	d	H	L	L1	L2	R
115X73X37	115	84	73	37	20.22	17.64	19.96



ITEM NO: AED034

● THREAD REDUCER

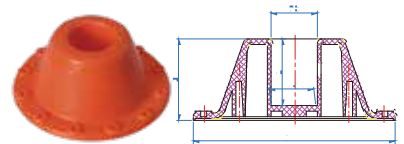
Size Nom	D	L	L1	M1	M2	H
25X20	16.5	15	20.5	M20.4X1.5	M24.7X1.5	22.5
32X25	21.5	15.5	21	M25.4X1.5	M31.7X1.5	23
40X32	28	20	24	M32.4X1.5	M39.7X1.5	28



ITEM NO: AED035

● CLIP WITH NAIL

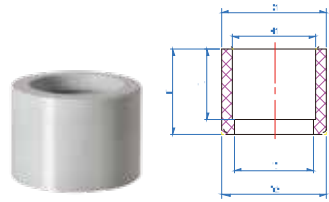
Size Nom	D	d	D1	L	H
15	20	14	20	8.5	18.5
20	26	19	26	11	24
25	31	24	38	13.5	29
32	38	31	38	17	36
40	47	39	47	21	44
50	57	49	57	26	54.5



ITEM NO: AED038

● LOCATING FLANGES

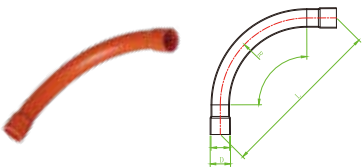
Nom	D	D1	D2	H	L
20	90	19.8	20.25	36	29.5
25	90	24.8	25.25	36	29.5



ITEM NO: AED036

● PLAIN REDUCER

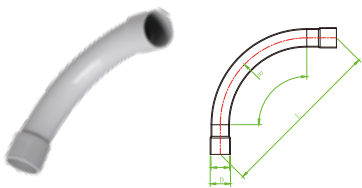
Size Nom	D1	d1	D2	d2	L	H
25X20	25.25	20.25	24.8	18	20	24
32X25	32.25	25.25	31.8	23	24	27
40X32	40.3	32.25	39.8	30	27	33
50X40	50.3	40.3	49.8	33	33	41



ITEM NO: AED002

● (MD)SWEEP BEND 90° GREY

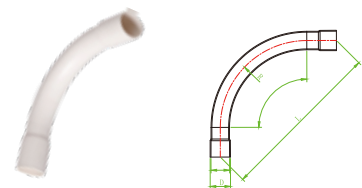
Size Nom	D	d	R	L
25X90° R150 L285 1.8	29.2	25.6	150	285
32X90° R295 L555 2.6	37.8	32.6	295	555
32X90° R295 L555 2.6	37.8	31.9	175	320
40X90° R220 L440 2.6	45.8	40.6	220	440
40X90° R100 L232 2.6	45.8	40.6	100	232



ITEM NO: AED002

● (HD)SWEEP BEND 90° ORANGE

Size Nom	D	d	R	L
20X90° R100 L200 2.3	25.2	20.6	100	200
20X90° R155 L300 2.3	25.2	20.6	155	300
25X90° R140 L255 2.5	30.6	25.6	140	255
32X90° R295 L555 2.8	38.2	32.6	295	555
40X90° R320 L550 3.0	46.6	40.6	320	550
40X90° R95 L212 3.0	46.6	40.6	95	212
50X90° R130 L277 3.6	57.8	50.6	130	277
50X90° R280 L515 3.6	57.8	50.6	280	515
63X90° R278 L520 4.0	71.6	63.6	278	520



ITEM NO: AED003

● TELSTRA BEND 90°

Size Nom	D	d	R	L
26.7X90° R100 L285 1.5	30.3	27.3	100	285
26.7X90° R320 L595 1.5	30.3	27.3	320	595
60.7X90° R285 L595 2.8	66.5	60.9	285	595



PVC-U INSULATING
ELECTRICAL
PIPES & FITTINGS
(BS EN 61386 - 21)

ELECTRIC CONDUITS AND FITTINGS

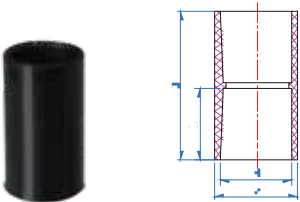
PVC-U INSULATING ELECTRICAL PIPES & FITTINGS BS EN 61386-21



ITEM NO: MED001

CONDUIT (medium type)

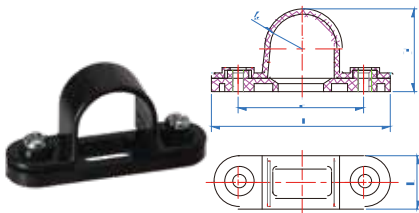
Size Nom	d	D	H	L
19	19.15	22.6	48.6	23.3
20	20.15	24	42.6	20.3
25	25.15	29	52.6	25.3



ITEM NO: MED002

STRAIGHT COUPLER

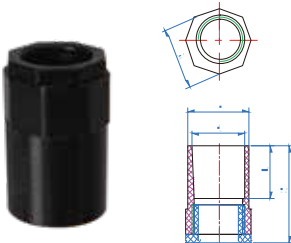
Size Nom	d	D	H	L
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20	20.15	24	42.6	20.3
25	25.15	29	52.6	25.3



ITEM NO: MED003

SPACER BAR SADDLE

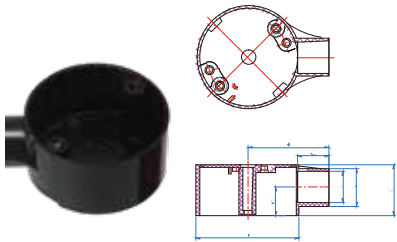
Size Nom	d	D	H	L	R
20	39	55	25.05	16	R10
25	46	63	26.5	16	R12.5



ITEM NO: MED005

FEMALE ADAPTOR

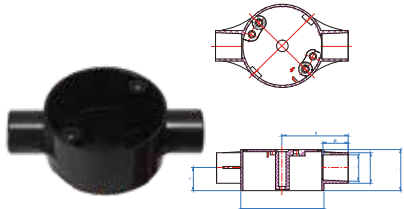
Size Nom	d	D	H	L	R
19	19.15	22.6	37.3	20.3	24
20	20.15	24	37.3	20.3	24
25	25.15	29	43.3	25.3	29



ITEM NO: MED006

TERMINAL-1 WAY

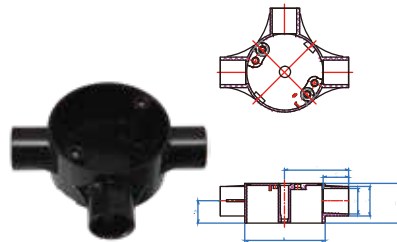
Size Nom	D	d	d1	H	L	L1	L2
19	65	45.04	20.3	32	22.6	19.15	17.8
20	65	51.7	20.3	32	24	20.15	17.8
25	65	50.56	25.3	32	29	25.15	16



ITEM NO: MED007

THROUGH-2 WAY

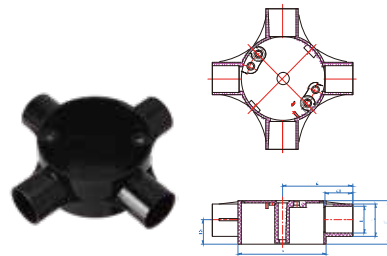
Size Nom	D	d	d1	H	L	L1	L2
19	65	45.04	20.3	32	22.6	19.15	17.8
20	65	51.7	20.3	32	24	20.15	17.8
25	65	50.56	25.3	32	29	25.15	16



ITEM NO: MED008

TEE-3 WAY

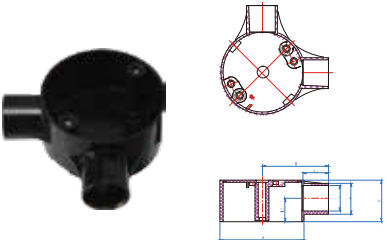
Size Nom	D	d	d1	H	L	L1	L2
19	65	45.04	20.3	32	22.6	19.15	17.8
20	65	51.7	20.3	32	24	20.15	17.8
25	65	50.56	25.3	32	29	25.15	16



ITEM NO: MED009

INTERSECTION-4 WAY

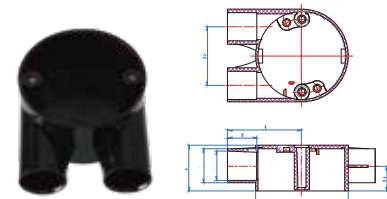
Size Nom	D	d	d1	H	L	L1	L2
19	65	45.04	20.3	32	22.6	19.15	17.8
20	65	51.7	20.3	32	24	20.15	17.8
25	65	50.56	25.3	32	29	25.15	16



ITEM NO: MED010

ANGLE-2 WAY

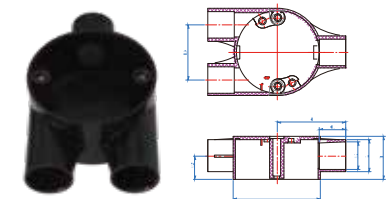
Size Nom	D	d	d1	H	L	L1	L2
19	65	45.04	20.3	32	22.6	19.15	17.8
20	65	51.7	20.3	32	24	20.15	17.8
25	65	50.56	25.3	32	29	25.15	16



ITEM NO: MED011

U-2 WAY

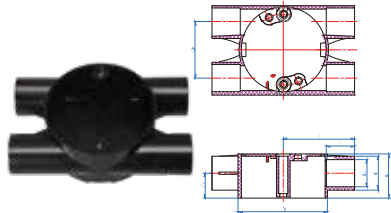
Size Nom	D	d	d1	H	L	L1	L2	L3
19	65	32.5	19.2	32	22.6	19.15	17.8	41
20	65	51.7	20.3	32	24	20.15	17.8	41
25	65	57	25.3	32	29	25.15	16	36



ITEM NO: MED012

Y-3 WAY

Size Nom	D	d	d1	H	L	L1	L2	L3
19	65	51.7	20.3	32	23.2	19.15	17.8	41
20	65	51.7	20.3	32	24	20.15	17.8	41
25	65	57	25.3	32	29	25.15	16	36



ITEM NO: MED013

H-4WAY H

Size Nom	D	d	d1	H	L	L1	L2	L3
19	65	51.7	20.3	32	23.2	19.15	17.8	41
20	65	51.7	20.3	32	24	20.15	17.8	41
25	65	57	25.3	32	29	25.15	16	36



ITEM NO: MED004

NORMAL BENDS-SLIP TYPE

Size Nom	d	D	H	L	R
20					
25					

PLASTIC PIPE CEMENT

ACCESSORIES



PLASTIC PIPE CEMENT

PVC, DWV GRADE



Recommended application filed

Product code	GLUE FOR WATER DRAIN
Color	CLEAR
Viscosity	Medium Bodied
VOC	/
Shelf life	18 Months
Max Pipe Size	8" (200mm)
Package	100g / 300g /500g / 1000g
Standard	ASTM D-2564 QB/T2568-2002
DWV piping system drainage, waste, ventilation application, and also electric&telecommunication conduit	



Recommended application filed

Product code	GLUE FOR WATER DRAIN
Color	CLEAR
Viscosity	Medium Bodied
VOC	/
Shelf life	18 Months
Max Pipe Size	8"(200mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
DWV piping system drainage, waste, ventilation application, and also electric&telecommunication conduit	

PVC, REGULAR GRADE



Recommended application filed

Product code	GLUE FOR WATER SUPPLY
Color	CLEAR
Viscosity	Medium Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	8" (200mm)
Package	100g / 300g /500g / 1000g
Standard	ASTM D-2564 QB/T2568-2002
General industrial, drinking water, irrigation, municipal, ground, drainage, and sanitary piping system.	



Recommended application filed

Product code	GLUE FOR WATER DRAIN
Color	CLEAR
Viscosity	Medium Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	8" (200mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
General industrial, drinking water, irrigation, municipal, ground, drainage, and sanitary piping system.	

PLASTIC PIPE CEMENT



Recommended application filed

Product code	PVC 5023
Color	CLEAR
Viscosity	Medium Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	12"(300mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Industrial&domestic piping system,MAX18"(450mm)for low-or-none pressure piping system.	



Recommended application filed

Product code	PVC L-5023 NSF
Color	CLEAR
Viscosity	Heavy Bodied
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	12"(300mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Industrial&domestic piping system,MAX18"(450mm)for low-or-none pressure piping system.	



Recommended application filed

Product code	PVC 3011
Color	CLEAR
Viscosity	Medium Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	6"(160mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
General industrial, drinking water, irrigation, municipal, ground, drainage, and sanitary piping system.	



Recommended application filed

Product code	PVC L-3011 NSF
Color	CLEAR
Viscosity	Medium Bodied
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	6"(160mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
General industrial, drinking water, irrigation, municipal, ground, drainage, and sanitary piping system.	

PLASTIC PIPE CEMENT



Recommended application filed

Product code	PVC 5125
Color	Grey
Viscosity	Heavy Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	12"(300mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Industrial and chemical piping system,MAX20"(500mm)for low-or-none pressure piping system.	



Recommended application filed

Product code	PVC L-5125 NSF
Color	Grey
Viscosity	Heavy Bodied
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	12"(300mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Industrial and chemical piping system,MAX20"(500mm)for low-or-none pressure piping system.	



Recommended application filed

Product code	PVC 5727
Color	Grey
Viscosity	Extra Heavy Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	30"(750mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Extra high viscosity cement with excellent filling performance, need to apply special dauber/joining tools for larger diameter pipe installation.	

PVC, Economy Grade



Recommended application filed

Product code	PVC 3010
Color	CLEAR
Viscosity	Regular Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	2" (63mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Domestic and general industrial piping system for drinking water, municipal government drink&waste,irrigation and electric conduit application.	

PLASTIC PIPE CEMENT



Recommended application filed

Product code	PVC 3020
Color	Clear
Viscosity	Regular Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	12" (63mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Domestic and general industrial piping system for drinking water, municipal government drink&waste,irrigation and electric conduit application.	



Recommended application filed

Product code	PVC 3041
Color	CLEAR
Viscosity	Medium Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	8" (200mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Domestic and general industrial piping system for drinking water, municipal government drink&waste,irrigation and electric conduit application.	



Recommended application filed

Product code	PVC 3043
Color	Translucent
Viscosity	Medium Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	10" (250mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Domestic and general industrial piping system for drinking water, municipal government drink&waste,irrigation and electric conduit application.	



Recommended application filed

Product code	PVC 3045
Color	Translucent
Viscosity	Heavy Bodied
VOC	/
Shelf life	3Years
Max Pipe Size	10" (400mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Domestic and general industrial piping system for drinking water, municipal government drink&waste,irrigation and electric conduit application.	

PLASTIC PIPE CEMENT

PVC, SPECIAL GRADE



Recommended application filed

Product code	PVC 6353
Color	Blue
Viscosity	Medium Body
VOC	/
Shelf life	3Years
Max Pipe Size	8" (200mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Fast drying with color lightening, ideal for pool&spa projects, and other rigid/soft PVC piping system in sanitary application	



Recommended application filed

Product code	PVC L-6353 NSF
Color	Blue
Viscosity	Medium Bodied
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	8" (200mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Fast drying with color lightening, ideal for pool&spa projects, and other rigid/soft PVC piping system in sanitary application	



Recommended application filed

Product code	PVC L-6023 NSF
Color	CLEAR
Viscosity	Medium Body
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	8" (200mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
General industrial, drinking water, irrigation, municipal, ground, drainage, and sanitary piping system.	



Recommended application filed

Product code	PVC L-6373
Color	Blue
Viscosity	Medium Bodied
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	8" (200mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002
Fast drying with color lightening, ideal for pool&spa projects, and other rigid/soft PVC piping system in sanitary application	

PLASTIC PIPE CEMENT

NSF



Recommended application filed

Product code	PVC L-6453 NSF
Color	Blue
Viscosity	Medium Body
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	6"(160mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2564 QB/T2568-2002

Fast drying with color lightening, ideal for pool&spa projects, and other rigid/soft PVC piping system in sanitary application

ABS CEMENT



Recommended application filed

Product code	ABS 2735
Color	Milky
Viscosity	Heavy Bodied
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	16" (400mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2235

Industrial & domestic piping system

NSF



Recommended application filed

Product code	ABS L-2735 NSF
Color	Milky
Viscosity	Heavy Bodied
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	12" (300mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM D-2235

Industrial & domestic piping system

CPVC, GENERAL GRADE

NSF



Recommended application filed

Product code	CPVC 8125 NSF
Color	Gray
Viscosity	Heavy Bodied
VOC	Low VOC
Shelf life	2Years
Max Pipe Size	12" (300mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM F-493

Strong corrosive, high temperature chemical liquid transportation system, MAX20"(500mm)for low pressure piping system.

PLASTIC PIPE CEMENT

NSF



Recommended application filed

Product code	CPVC 8635 NSF
Color	Orange
Viscosity	Heavy Bodied
VOC	Low VOC
Shelf life	2Years
Max Pipe Size	6" (300mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM F-493

Domestic and industrial piping system, MAX20"(500mm)for low-or-none pressure piping system.

NSF



Recommended application filed

Product code	CPVC 8213 NSF
Color	Yellow
Viscosity	Medium Bodied
VOC	Low VOC
Shelf life	2Years
Max Pipe Size	8" (200mm)
Package	946ml/473ml/237ml/118ml
Standard	ASTM F-493

One-step cement for potable, hot&cold water distribution system.

PRIMER, LOW VOC GRADE

Suggest applying on 2"and above PVC/CPVC/ABS piping before cementing to increase the joint strength

NSF



Recommended application filed

Product code	Primer 1030 NSF
Color	Clear/Purple
Viscosity	Water Thin
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	For all Sizes
Package	946ml/473ml/237ml/118ml
Standard	ASTM F-656

Industrial/high-pressure service piping system at regular temperature, humid or regular construction conditions

NSF



Recommended application filed

Product code	Primer 1050 NSF
Color	Clear/Purple
Viscosity	Water Thin
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	For all Sizes
Package	946ml/473ml/237ml/118ml
Standard	ASTM F-656

Industrial/high-pressure service piping system at low temperature, humid or regular construction conditions

PLASTIC PIPE CEMENT

CLEANER, LOW VOC GRADE

Suggest applying on PVC/CPVC/ABS piping before installation to remove the surface contaminaton which could not be cleaned with water



Product code	Cleaner 1020
Color	Clear
Viscosity	Water Thin
VOC	Low VOC
Shelf life	3Years
Max Pipe Size	For all Sizes
Package	946ml/473ml/237ml/118ml
Standard	None



Product code	SILICONE SEALANT
Color	WHITE/TRANSPARENT
Shelf life	1 YEAR
Package	300ML



For cementing details, please refer to ERA Installation or product manual

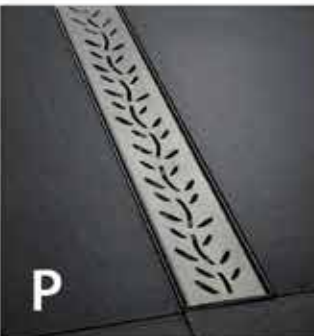
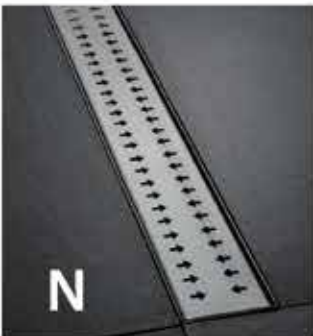
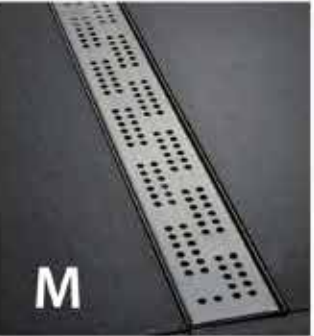
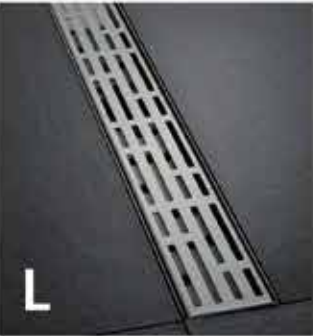
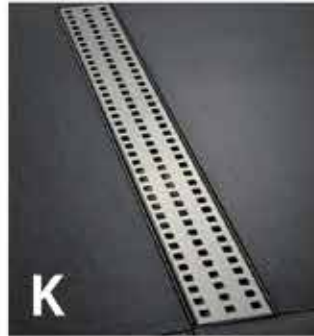
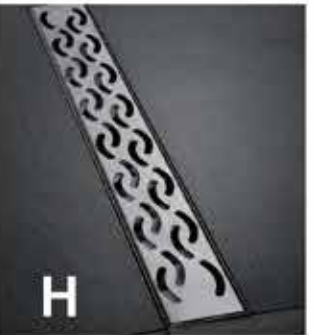
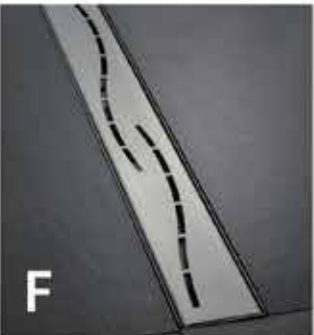
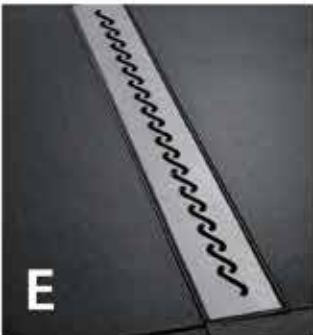
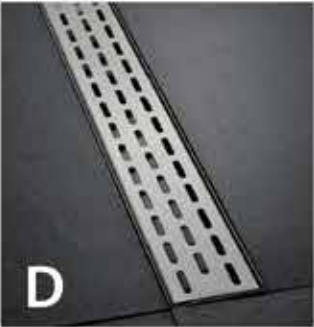
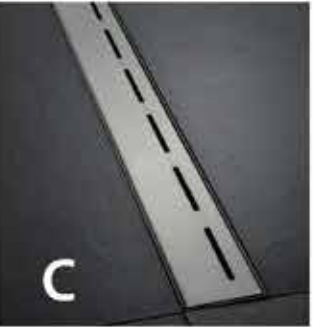
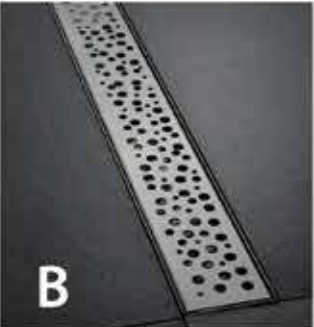
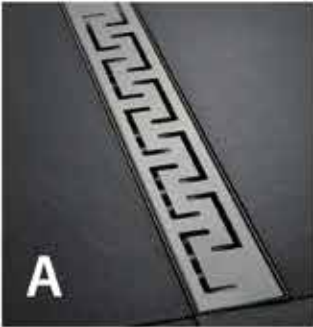
Average Number of Joints / QT (946ml ≈ 1000g)								
Diameter	1/2"	1"	2"	4"	6"	8"	10"	12"
Joint Number	300	125	60	30	10	5	2	1

Note-Add 30% for additional waste in operation

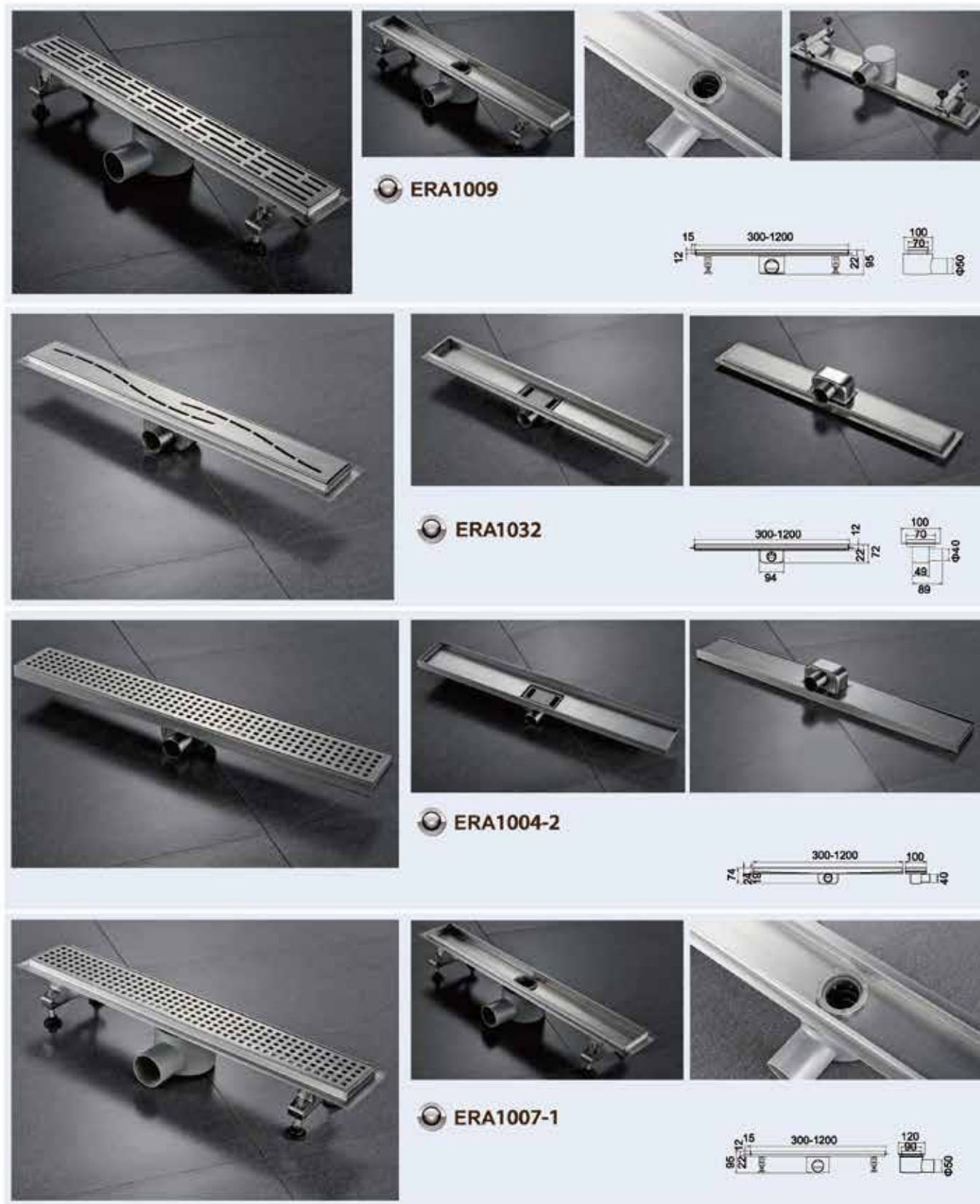
Net weight and packing			
Unit	Volume	Approx. Weight	Pcs/Ctn
Qt	946ml	1kg	12
PT	473ml	0.5kg	12
½PT	237ml	0.25kg	24
¼PT	118ml	0.12kg	48

STAINLESS STEEL FLOOR DRAIN

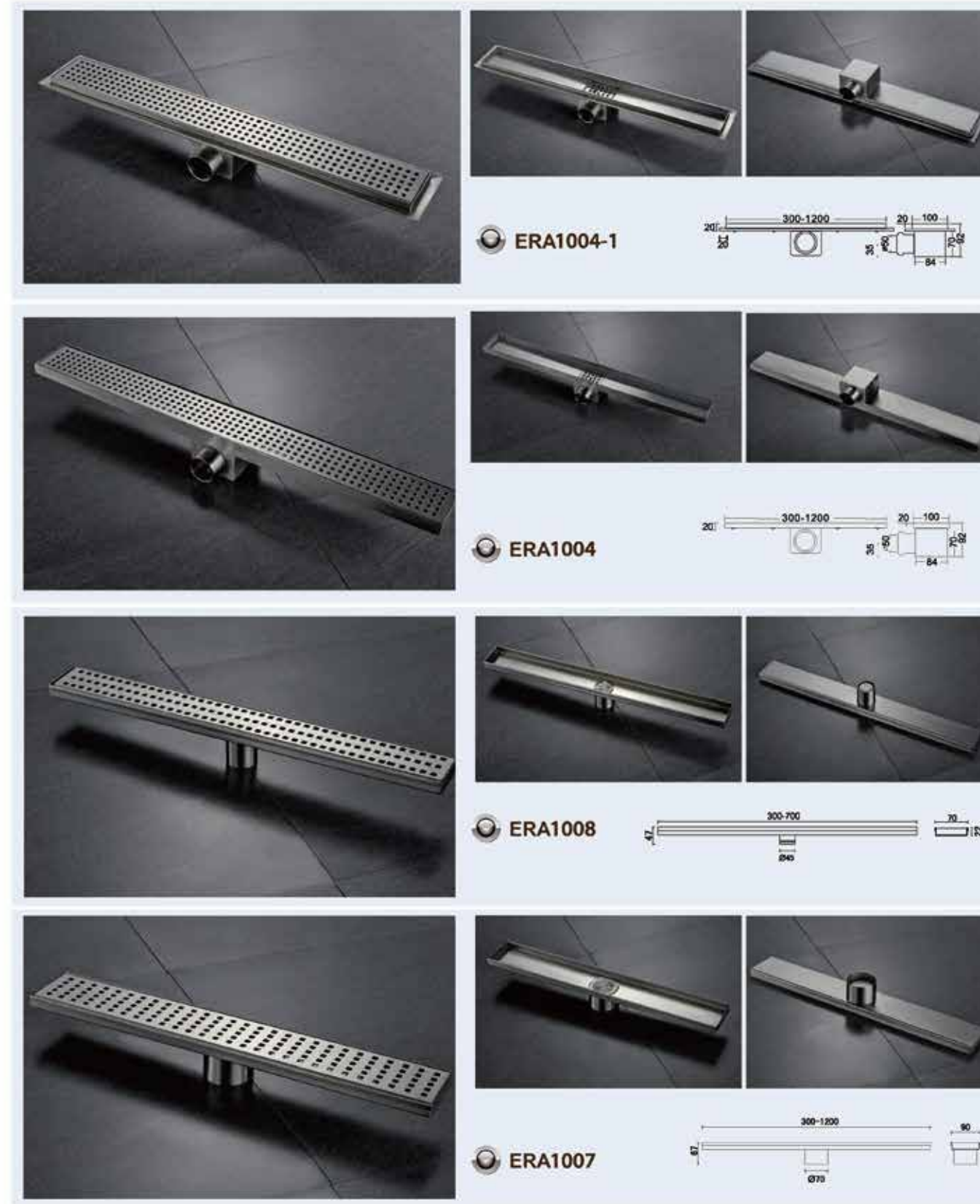
DRAIN COVER DESIGN



STAINLESS STEEL FLOOR DRAIN



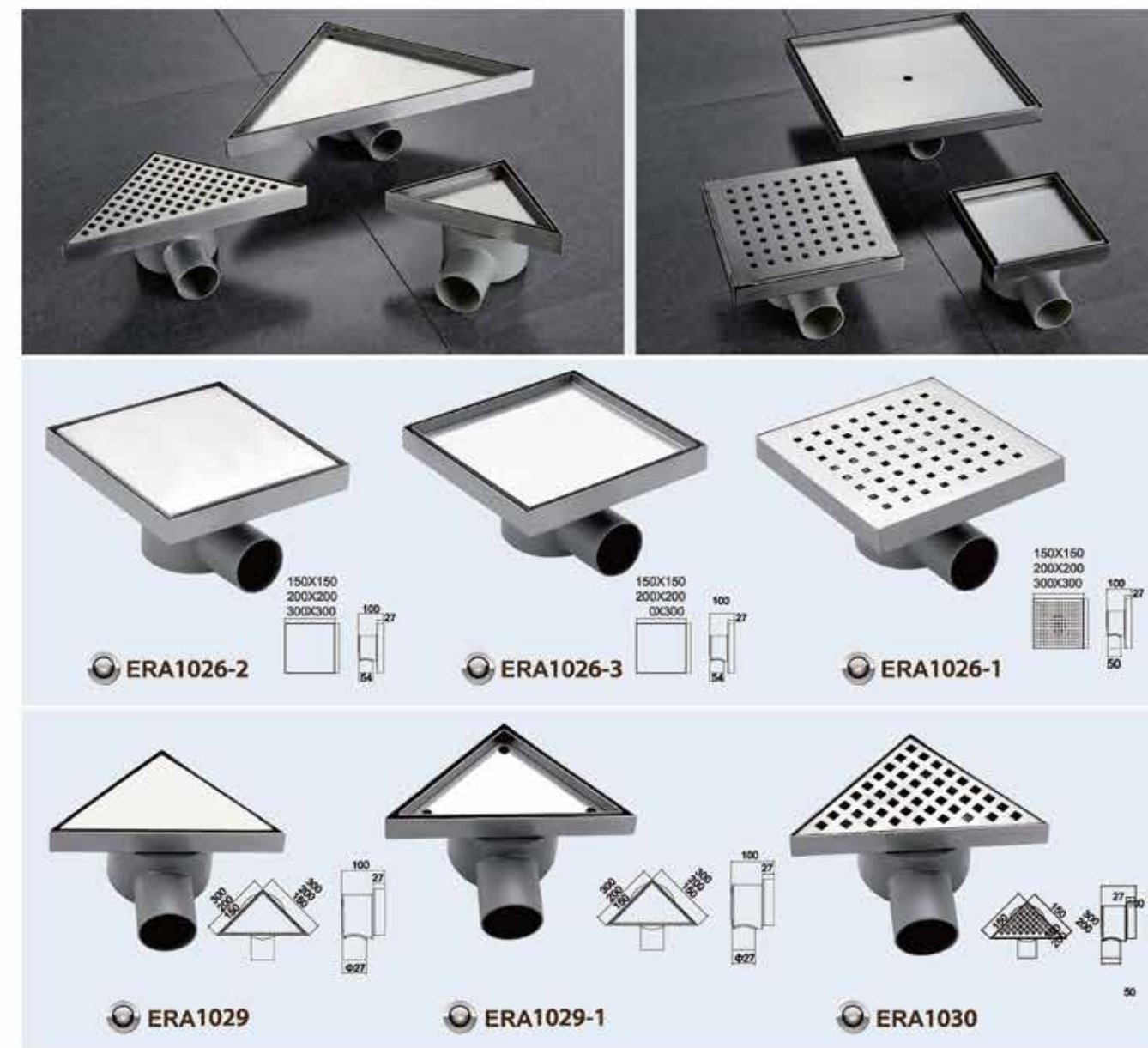
STAINLESS STEEL FLOOR DRAIN



STAINLESS STEEL FLOOR DRAIN



STAINLESS STEEL FLOOR DRAIN

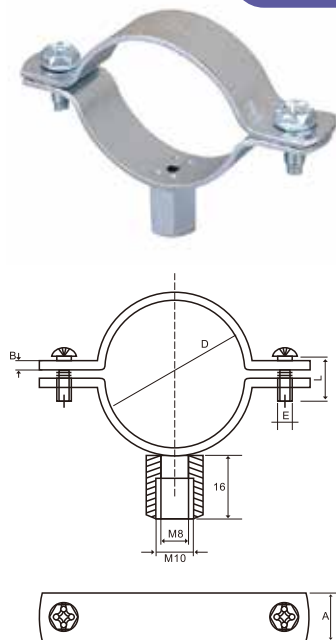


METAL CLAMPS

Welding Type Clamps M8+10 Without Rubber

- Material:iron sheet
- Both closed

ITEM NO:CLR001



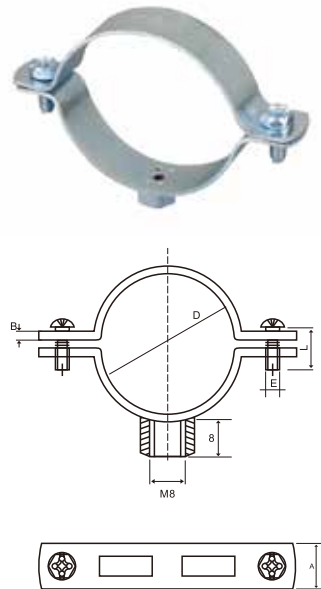
Ø(mm)	D(mm)	INCH	AXB(mm)
18	15-19	3/8"	20X(1.8~2.0)
22	20-25	1/2"	20X(1.8~2.0)
28	26-30	3/4"	20X(1.8~2.0)
35	32-36	1"	20X(1.8~2.0)
40	38-43	1 1/4"	20X(1.8~2.0)
48	47-51	1 1/2"	20X(1.8~2.0)
54	53-58		20X(1.8~2.0)
60	60-64	2"	20X(1.8~2.0)
70	68-72		20X(1.8~2.0)
75	75-80	2 1/2"	20X(1.8~2.0)
83	80-86		20X(1.8~2.0)
90	87-92	3"	20X(1.8~2.0)
100	99-105	3 1/2"	20X(1.8~2.0)
110	107-112		20X(1.8~2.0)
115	113-118	4"	20X(1.8~2.0)
125	125-130		20X(1.8~2.0)
133	132-137		20X(1.8~2.0)
140	136-142	5"	20X(1.8~2.0)
160	159-166	6"	20X(1.8~2.0)
200	200-212		20X(1.8~2.0)

D	EXL
18-75	M6X15
83-200	M6X20

Welding Type Clamps M8 Without Rubber

- Material:iron sheet
- Both closed
- Dia of the middle nut is M8
- ø18-70:The surface is flat
- ø75-200:The surface has a bone

ITEM NO:CLR003



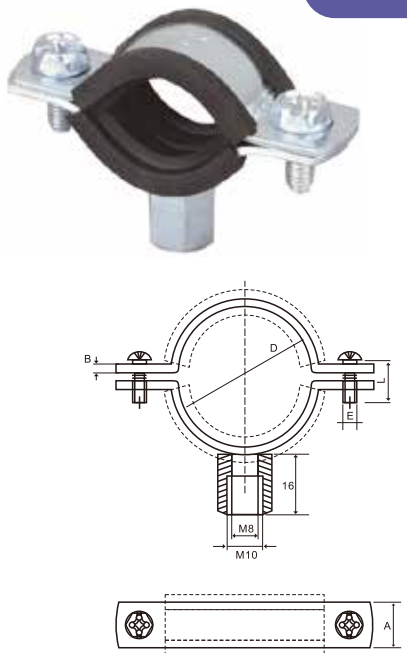
Ø(mm)	D(mm)	INCH	AXB(mm)
18	15-19	3/8"	20X(1.3~1.5)
22	20-25	1/2"	20X(1.3~1.5)
28	26-30	3/4"	20X(1.3~1.5)
35	32-36	1"	20X(1.3~1.5)
40	38-43	1 1/4"	20X(1.3~1.5)
48	47-51	1 1/2"	20X(1.3~1.5)
54	53-58		20X(1.3~1.5)
60	60-64	2"	20X(1.3~1.5)
70	68-72		20X(1.3~1.5)
75	75-80	2 1/2"	20X(1.3~1.5)
83	80-86		20X(1.3~1.5)
90	87-92	3"	20X(1.3~1.5)
100	99-105	3 1/2"	20X(1.3~1.5)
110	107-112		20X(1.3~1.5)
115	113-118	4"	20X(1.3~1.5)
125	125-130		20X(1.3~1.5)
133	132-137		20X(1.3~1.5)
140	136-142	5"	20X(1.3~1.5)
160	159-166	6"	20X(1.3~1.5)
200	200-212		20X(1.3~1.5)

D	EXL
18-75	M6X15
83-200	M6X20

Welding Type Clamps M8+10 With Rubber

- Material:iron sheet
- The rubber thickness:4.0mm
- Both closed

ITEM NO:CLR002



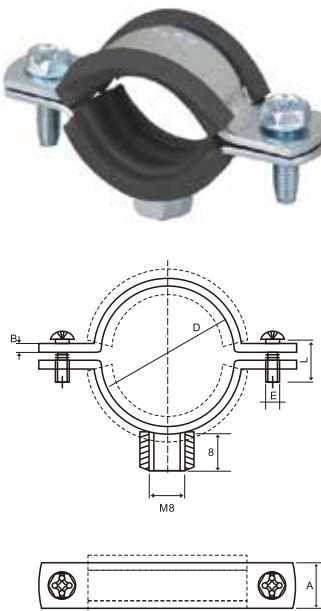
Ø(mm)	D(mm)	INCH	AXB(mm)
18	15-19	3/8"	20X(1.8~2.0)
22	20-25	1/2"	20X(1.8~2.0)
28	26-30	3/4"	20X(1.8~2.0)
35	32-36	1"	20X(1.8~2.0)
40	38-43	1 1/4"	20X(1.8~2.0)
48	47-51	1 1/2"	20X(1.8~2.0)
54	53-58		20X(1.8~2.0)
60	60-64	2"	20X(1.8~2.0)
70	68-72		20X(1.8~2.0)
75	75-80	2 1/2"	20X(1.8~2.0)
83	80-86		20X(1.8~2.0)
90	87-92	3"	20X(1.8~2.0)
100	99-105	3 1/2"	20X(1.8~2.0)
110	107-112		20X(1.8~2.0)
115	113-118	4"	20X(1.8~2.0)
125	125-130		20X(1.8~2.0)
133	132-137		20X(1.8~2.0)
140	136-142	5"	20X(1.8~2.0)
160	159-166	6"	20X(1.8~2.0)
200	200-212		20X(1.8~2.0)

D	EXL
18-75	M6X15
83-200	M6X20

Welding Type Clamps M8 With Rubber

- Material:iron sheet
- Rubber thickness:4mm
- Both closed
- The dia of the middle nut is M8
- ø18-70:The surface is flat
- ø75-200:The surface has a bone

ITEM NO:CLR004



Ø(mm)	D(mm)	INCH	AXB(mm)
18	15-19	3/8"	20X(1.3~1.5)
22	20-25	1/2"	20X(1.3~1.5)
28	26-30	3/4"	20X(1.3~1.5)
35	32-36	1"	20X(1.3~1.5)
40	38-43	1 1/4"	20X(1.3~1.5)
48	47-51	1 1/2"	20X(1.3~1.5)
54	53-58		20X(1.3~1.5)
60	60-64	2"	20X(1.3~1.5)
70	68-72		20X(1.3~1.5)
75	75-80	2 1/2"	20X(1.3~1.5)
83	80-86		20X(1.3~1.5)
90	87-92	3"	20X(1.3~1.5)
100	99-105	3 1/2"	20X(1.3~1.5)
110	107-112		20X(1.3~1.5)
115	113-118	4"	20X(1.3~1.5)
125	125-130		20X(1.3~1.5)
133	132-137		20X(1.3~1.5)
140	136-142	5"	20X(1.3~1.5)
160	159-166	6"	20X(1.3~1.5)
200	200-212		20X(1.3~1.5)

D	EXL
18-75	M6X15
83-200	M6X20

METAL CLAMPS



ITEM NO: HJA-4

AMERICAN TYPE HOSE CLAMP STEEL COATED WITH ZINC

Nom Size	Item	Width	Thickness	Nom Size	Item	Width	Thickness
1/2"		6-13mm	8mm	3 1/4"		59-82mm	12.7mm
5/8"		6-16mm	8mm	3 1/2"		65-89mm	12.7mm
3/4"		11-20mm	8mm	3 3/4"		72-95mm	12.7mm
7/8"		13-23mm	8mm	4"		78-101mm	12.7mm
1"		16-25mm	8mm	4 1/4"		84-108mm	12.7mm
1 1/16"		14-27mm	8mm	4 1/2"		91-114mm	12.7mm
1 1/4"		18-32mm	8mm	4 3/4"		95-120mm	12.7mm
1 1/2"		21-38mm	8mm	5"		105-127mm	12.7mm
1 1/16"		14-27mm	12.7mm	5 1/4"		110-134mm	12.7mm
1 1/4"		18-32mm	12.7mm	5 1/2"		118-140mm	12.7mm
1 1/2"		21-38mm	12.7mm	5 3/4"		125-146mm	12.7mm
1 3/4"		21-44mm	12.7mm	6"		130-152mm	12.7mm
2"		27-51mm	12.7mm	6 1/4"		133-159mm	12.7mm
2 1/4"		33-57mm	12.7mm	6 1/2"		143-165mm	12.7mm
2 1/2"		40-63mm	12.7mm	6 3/4"		146-171mm	12.7mm
2 3/4"		46-70mm	12.7mm	7"		155-178mm	12.7mm
3"		52-76mm	12.7mm				



ITEM NO: HJA-1

AMERICAN TYPE HOSE CLAMP STAINLESS STEEL

Nom Size	Item	Width	Thickness	Nom Size	Item	Width	Thickness
1/2"		6-13mm	8mm	2-3/4		51-70mm	12.7mm
5/8"		6-16mm	8mm	3		64-76mm	12.7mm
3/4"		11-20mm	8mm	3-1/2		70-89mm	12.7mm
7/8"		13-23mm	8mm	3-3/4		76-92mm	12.7mm
1"		16-25mm	8mm	4		80-100mm	12.7mm
1 1/16"		14-27mm	8mm	4-1/2		90-110mm	12.7mm
1 1/4"		18-32mm	8mm	5		100-120mm	12.7mm
1 1/2"		21-38mm	8mm	5-1/4		110-130mm	12.7mm
3/4"		12-20mm	12.7mm	5-1/2		120-140mm	12.7mm
7/8"		11-23mm	12.7mm	6		130-150mm	12.7mm
1"		16-25mm	12.7mm	6-1/4		140-160mm	12.7mm
1 1/16"		16-27mm	12.7mm	6-3/4		150-170mm	12.7mm
1 1/4"		16-30mm	12.7mm	7		160-180mm	12.7mm
1 1/4"		22-32mm	12.7mm	7-1/2		170-190mm	12.7mm
1 1/2"		25-38mm	12.7mm	7-3/4		180-200mm	12.7mm
1 3/4"		33-44mm	12.7mm	9-4/5		200-250mm	12.7mm
2"		27-51mm	12.7mm	11-4/5		150-300	12.7mm
2 1/4"		38-57mm	12.7mm	13-4/5		300-350	12.7mm
2 1/2"		44-64mm	12.7mm	15-3/4		350-400	12.7mm

METAL CLAMPS



ITEM NO: HGP-1

POWEVER TYPE HOSE CLAMP STEEL COATED WITH ZINC

Nom Size	Item	Thickness&width	Bolt	Nom Size	Item	Thickness&width	Bolt
	17-19mm	0.6X18	M5		98-103mm	0.8X24	M8
	20-22mm	0.6X18	M5		104-112mm	0.8X24	M8
	23-25mm	0.6X18	M5		113-121mm	0.8X24	M8
	26-28mm	0.6X18	M5		122-130mm	0.8X24	M8
	29-31mm	0.6X20	M6		131-139mm	1.0X26	M10
	32-35mm	0.6X20	M6		140-148mm	1.0X26	M10
	36-39mm	0.6X20	M6		149-161mm	1.0X26	M10
	40-43mm	0.6X20	M6		162-174mm	1.0X26	M10
	44-47mm	0.8X22	M6		175-187mm	1.0X26	M10
	48-51mm	0.8X22	M6		188-200mm	1.0X26	M10
	52-55mm	0.8X22	M6		201-213mm	1.0X26	M10
	56-59mm	0.8X22	M6		214-226mm	1.0X26	M10
	60-63mm	0.8X22	M6		227-239mm	1.0X26	M10
	64-67mm	0.8X22	M6		240-252mm	1.0X26	M10
	68-73mm	0.8X24	M8		253-265	1.0X26	M10
	74-79mm	0.8X24	M8		266-278	1.0X26	M10
	80-85mm	0.8X24	M8		279-291	1.0X26	M10
	86-91mm	0.8X24	M8		292-304	1.0X26	M10
	92-97mm	0.8X24	M8				



ITEM NO: HGP-2

POWEVER TYPE HOSE CLAMP STAINLESS STEEL

Nom Size	Item	Thickness&width	Bolt	Nom Size	Item	Thickness&width	Bolt
	17-19mm	0.6X18	M5		86-91mm	0.8X24	M8
	20-22mm	0.6X18	M5		92-97mm	0.8X24	M8
	23-25mm	0.6X18	M5		98-103mm	0.8X24	M8
	26-28mm	0.6X18	M5		104-112mm	0.8X24	M8
	29-31mm	0.6X20	M6		113-121mm	0.8X24	M8
	32-35mm	0.6X20	M6		122-130mm	0.8X24	M8
	36-39mm	0.6X20	M6		131-139mm	1.0X26	M10
	40-43mm	0.6X20	M6		140-148mm	1.0X26	M10
	44-47mm	0.8X22	M6		149-161mm	1.0X26	M10
	48-51mm	0.8X22	M6		162-174mm	1.0X26	M10
	52-55mm	0.8X22	M6		175-187mm	1.0X26	M10
	56-59mm	0.8X22	M6		188-200mm	1.0X26	M10
	60-63mm	0.8X22	M6		201-213mm	1.0X26	M10
	64-67mm	0.8X22	M6		214-226mm	1.0X26	M10
	68-73mm	0.8X24	M8		227-239mm	1.0X26	M10
	74-79mm	0.8X24	M8		240-252mm	1.0X26	M10
	80-85mm	0.8X24	M8				

METAL CLAMPS



ITEM NO: HGG-1

GERMANY HOSE CLAMP STAINLESS STEEL

Nom Size	Item	Width	Thickness	Nom Size	Item	Width	Thickness
	8-12mm	9mm	0.65mm		16-25mm	12mm	0.65mm
	10-16mm	9mm	0.65mm		20-32mm	12mm	0.65mm
	12-20mm	9mm	0.65mm		25-40mm	12mm	0.65mm
	16-27mm	9mm	0.65mm		32-50mm	12mm	0.65mm
	20-32mm	9mm	0.65mm		40-60mm	12mm	0.65mm
	25-40mm	9mm	0.65mm		50-70mm	12mm	0.65mm
	32-50mm	9mm	0.65mm		60-80mm	12mm	0.65mm
	40-60mm	9mm	0.65mm		70-90mm	12mm	0.65mm
	50-70mm	9mm	0.65mm		80-100mm	12mm	0.65mm
	60-80mm	9mm	0.65mm		90-110mm	12mm	0.65mm
	70-90mm	9mm	0.65mm		100-120mm	12mm	0.65mm
	80-100mm	9mm	0.65mm		110-130mm	12mm	0.65mm
	90-110mm	9mm	0.65mm		120-140mm	12mm	0.65mm
	100-120mm	9mm	0.65mm		130-150mm	12mm	0.65mm
	110-130mm	9mm	0.65mm		140-160mm	12mm	0.65mm
	120-140mm	9mm	0.65mm		150-170mm	12mm	0.65mm
	130-150mm	9mm	0.65mm		160-180mm	12mm	0.65mm
	140-160mm	9mm	0.65mm		170-190mm	12mm	0.65mm
	10-16mm	12mm	0.65mm		180-200mm	12mm	0.65mm
	12-20mm	12mm	0.65mm				



ITEM NO: HGP-1

T-BOLT HOSE CLAMP

Nom Size	Item	Thickness&width	Nom Size	Item	Thickness&width
	27mm	0.6X19		84mm	0.6X19
	30mm	0.6X19		90mm	0.6X19
	33mm	0.6X19		96mm	0.6X19
	36mm	0.6X19		103mm	0.6X19
	40mm	0.6X19		109mm	0.6X19
	44mm	0.6X19		114mm	0.6X19
	48mm	0.6X19		120mm	0.6X19
	52mm	0.6X19		128mm	0.6X19
	57mm	0.6X19		136mm	0.6X19
	62mm	0.6X19		144mm	0.6X19
	67mm	0.6X19		154mm	0.6X19
	72mm	0.6X19		164mm	0.6X19
	78mm	0.6X19			

METAL CLAMPS



ITEM NO: HGA-23

GERMANY HOSE CLAMP STEEL COATED WITH ZINC

Nom Size	Item	Width	Thickness	Nom Size	Item	Width	Thickness
	8-12mm	9mm	0.75mm		16-25mm	12mm	0.75mm
	10-16mm	9mm	0.75mm		20-32mm	12mm	0.75mm
	12-20mm	9mm	0.75mm		25-40mm	12mm	0.75mm
	16-27mm	9mm	0.75mm		32-50mm	12mm	0.75mm
	20-32mm	9mm	0.75mm		40-60mm	12mm	0.75mm
	25-40mm	9mm	0.75mm		50-70mm	12mm	0.75mm
	32-50mm	9mm	0.75mm		60-80mm	12mm	0.75mm
	40-60mm	9mm	0.75mm		70-90mm	12mm	0.75mm
	50-70mm	9mm	0.75mm		80-100mm	12mm	0.75mm
	60-80mm	9mm	0.75mm		90-110mm	12mm	0.75mm
	70-90mm	9mm	0.75mm		100-120mm	12mm	0.75mm
	80-100mm	9mm	0.75mm		110-130mm	12mm	0.75mm
	90-110mm	9mm	0.75mm		120-140mm	12mm	0.75mm
	100-120mm	9mm	0.75mm		130-150mm	12mm	0.75mm
	110-130mm	9mm	0.75mm		140-160mm	12mm	0.75mm
	120-140mm	9mm	0.75mm		150-170mm	12mm	0.75mm
	130-150mm	9mm	0.75mm		160-180mm	12mm	0.75mm
	140-160mm	9mm	0.75mm		170-190mm	12mm	0.75mm
	10-16mm	12mm	0.75mm		180-200mm	12mm	0.75mm
	12-20mm	12mm	0.75mm				



ITEM NO: HGT

AMERICAN TYPE HOSE CLAMP WITH HANDLE

Nom Size	item	size	width	stainless steel thickness	steel thickness	Nom Size	item	size	width	stainless steel thickness	steel thickness
1/2"	8-13mm	8mm	0.6	0.6	0.6	3 1/4"	59-82mm	12.7mm	0.6	0.6	0.7
5/8"	10-16mm	8mm	0.6	0.6	0.6	3 1/2"	65-89mm	12.7mm	0.6	0.6	0.7
3/4"	11-20mm	8mm	0.6	0.6	0.6	3 3/4"	72-95mm	12.7mm	0.6	0.6	0.7
7/8"	13-23mm	8mm	0.6	0.6	0.6	4"	78-101mm	12.7mm	0.6	0.6	0.7
1"	16-25mm	8mm	0.6	0.6	0.6	4 1/4"	84-108mm	12.7mm	0.6	0.6	0.7
1 1/16"	14-27mm	8mm	0.6	0.6	0.6	4 1/2"	91-114mm	12.7mm	0.6	0.6	0.7
1 1/4"	18-32mm	8mm	0.6	0.6	0.6	4 3/4"	95-120mm	12.7mm	0.6	0.6	0.7
1 1/2"	21-38mm	8mm	0.6	0.6	0.6	5"	105-127mm	12.7mm	0.6	0.6	0.7
1 1/16"	14-27mm	12.7mm	0.6	0.7	0.7	5 1/4"	110-134mm	12.7mm	0.6	0.6	0.7
1 1/4"	18-32mm	12.7mm	0.6	0.7	0.7	5 1/2"	118-140mm	12.7mm	0.6	0.6	0.7
1 1/2"	21-38mm	12.7mm	0.6	0.7	0.7	5 3/4"	125-146mm	12.7mm	0.6	0.6	0.7
1 3/4"	21-44mm	12.7mm	0.6	0.7	0.7	6"	130-152mm	12.7mm	0.6	0.6	0.7
2"	27-51mm	12.7mm	0.6	0.7	0.7	6 1/4"	133-159mm	12.7mm	0.6	0.6	0.7
2 1/4"	33-57mm	12.7mm	0.6	0.7	0.7	6 1/2"	143-165mm	12.7mm	0.6	0.6	0.7
2 1/2"	40-63mm	12.7mm	0.6	0.7	0.7	6 3/4"	146-171mm	12.7mm	0.6	0.6	0.7
2 3/4"	46-70mm	12.7mm	0.6	0.7	0.7	7"	155-178mm	12.7mm	0.6	0.6	0.7
3"	52-76mm	12.7mm	0.6	0.7	0.7						