ERA®

PLASTIC PIPING SYSTEM

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ERA® PIPING SYSTEMS

Since 1993

CHINA ERA GROUP
YONGGAO CO., LTD.

CONTENTS

VALVE

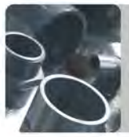
PVC VALVES & FITTINGS 05

CPVC VALVES & FITTINGS 19

PRESSURE

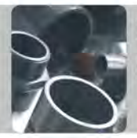
PVC PRESSURE PIPES & FITTINGS PN10 (ISO1452) 23

PVC PRESSURE FITTINGS TYPE II 32


PVC PRESSURE PIPES & FITTINGS PN16 (DIN8063) 34

PVC PIPES & THREAD FITTINGS BS STANDARD 38

PVC SCH40 PIPES & FITTINGS (ASTM D2466) 41


PVC SCH80 PIPES & FITTINGS (ASTM D2464) 45

PVC PRESSURE FITTINGS (BS4346) 50

PVC PRESSURE FITTINGS JIS STANDARD 53

PVC PRESSURE PIPES & FITTINGS (AS/NZS1477) 54

PVC PRESSURE FITTINGS WITH GASKET 135

PP COMPRESSION FITTINGS VALVES & FILTERS (EN ISO15874AS/NZS4129,) 86

PP THREAD FITTINGS (AS/NZS4129) 96

PE SOCKET WELDING & BUTT WELDING FITTINGS 98

PRESSURE FOR HOT AND COLD

CPVC SCH80 PIPES& FITTINGS (ASTM F439) 112

CPVC CTS PIPES & FITTINGS (ASTM D2846) 119

CPVC DIN PIPES & FITTINGS 116

PPR DIN PIPES & FITTINGS (DIN8077/8088) 125

PPH THREAD FITTINGS (IRAM 13478) 94

DRAINAGE

PVC DRAINAGE PIPES & FITTINGS (BS1329/BS1401) 58

PVC DRAINAGE FITTINGS WITH GASKET (EN1401)

PVC DRAINAGE FITTINGS (ISO3633) 74

PVC DWV DRAINAGE FITTINGS (ASTM D2665) 78

PVC DWV DRAINAGE FITTINGS (AS/NZS1260) 81

RAIN GUTTER

PVC GUTTERS AND FITTINGS (BS EN607/EN12200/EN1462) 102

ELECTRIC CONDUITS AND FITTINGS

PVC INSULATING ELECTRICAL PIPES AND FITTINGS 140

ACCESSORIES

GLUE 143

STAINLESS STEEL FLOOR DRAINS 146

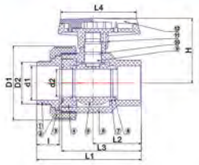
METAL CLAMPS 151

Welcome to ERA Group

Company Profile

Yonggao Co., Ltd. has become one of the leading international manufacturers of plastic valve and fittings since the foundation in 1993.
With an annual production capacity of 600,000 tons, Yonggao co., Ltd, has more than 4000 employees in 12 factories covering 1,225,000 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, 163 extrusion machines and 8000 moulds, ltd. reaches a sales turnover of USD 478,420,000 in 2013, including export sa 51,000,000 covering 231 countries all over the world.

Yonggao Co., Ltd. strictly follows ISO9001 quality system and ISO14001 environment system to arrange manufacturing. With high-class raw material, strict quality control in both the workshop and laboratory with various professional testing equipment, Yonggao Co., Ltd ensures that every single product meets the corresponding inspection standard.



ITEM NO:USU01
- SIZE:1/2 〃-4 〃
- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150 PSI

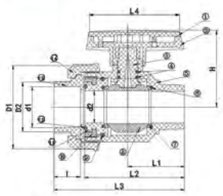
SINGLE UNION BALL VALVE Specification of material

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

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(11/4〃)	11.5	11	38	42	42.16	40	32	49	86.6	27.0	130	57	99	97.1	76.5
40mm(11/2〃)	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(21/2〃)	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
- SIZE:1/2 〃-4 〃
- END CONNECTOR: THREAD, SOCKET
- WORKING PRESSURE:150 PSI

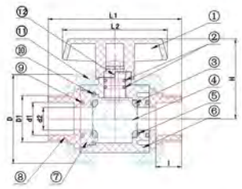
MALE SINGLE UNION BALL VALVE

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

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

Dimensions

Nom Size	D1	D2	d1	d2	L1	L2	L3	L4	H	I
15mm(1/2〃)	47.8	26.4	20.3	14	40	67	88.5	59.2	49.8	17
20mm(3/4〃)	58.8	31.3	25.3	19	43	78	101.5	68.3	57.3	20
25mm(1〃)	68	38	32.4	32	50	86	112	78.3	64.4	23.4
32mm(11/4〃)	82.4	49	40.4	32.5	56.4	99.3	129.7	89.5	76	26.6
40mm(11/2〃)	94.6	59.5	50.4	40	68.2	115	151.8	101.3	86.6	31.5
50mm(2〃)	113	73.9	63.4	49.7	78	134	179	124.4	101	38.5
65mm(21/2〃)	128	87.8	67	59.5	90	151.8	203.8	149.9	113.1	44
80mm(3〃)	181	107.4	90.4	80	120.9	196	254.7	191.6	160	52
100mm(4〃)	204	132.2	106.5	96	139.5	224.5	295.8	191.6	230.3	62



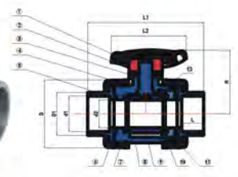
ITEM NO:UTB03

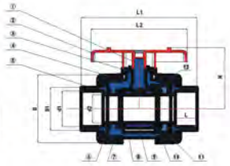
TRUE UNION BALL VALVE III Specification of material

NO.	PART	MATERIAL	QTY	NO.	PART	MATERIAL	QTY
1	Handle	ABS	1	7	Seat Carrier	PVC-U	1
2	Stem 0-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

Dimensions

Nom Size	NPT	BSPT	JIS(d1)	BS(d1)	ANSI(d1)	DIN(d1)	d2	D1	D	I	L1	L2	H
½″	14	14	22	22	21.34	20	14	26	55	16	82.50	65	49.50
¾″	14	14	26	26	26.67	25	18	36	60	19	92	80	54.50
1″	11.50	11	32	34	33.40	32	25	44	69	22.50	107	85	62
1¼″	11.50	11	38	42	42.16	40	32	56	81.50	26	120	97	74
1½″	11.50	11	48	48	48.26	50	40	63	93	31.50	144	116	85
2″	11.50	11	60	60	60.33	63	50	78	111	38.50	172	134	100





ITEM NO: UTB04

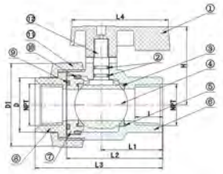
TRUE UNION BALL VALVE IV

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

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

Dimensions

Nom Size	d1	d2	D1	D	L	L1	L2	H
15mm(1/2")	20	14	30	50	22.5	121	72	50
20mm(3/4")	25	20	37	62	24.8	135	72	60
25mm(1")	32	25	45	69	28	150	90	70.5
32mm(1 1/4")	40	30	55	82	32	166	108	85
40mm(1 1/2")	50	38	64	99	35	181	122	99
50mm(2")	63	50	78	122	39	206	134	114.5
65mm(2 1/2")	75	64	96	148	48	234	170	132
80mm(3")	90	79	111	178	49	258.5	221	156
100mm(4")	110	99	141	219	64	309	250	173



ITEM NO:USU03

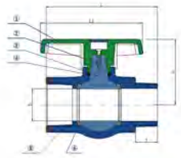
SINGLE UNION BALL VALVE III Specification of material

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

Dimensions

Nom Size	D1	D	NPT	I	L1	L2	L3	L4	H
½″	49	29	½″	18	38	58	80	57	50
¾″	60	35	¾″	18	41.9	66	88	64	49.7
1″	66	43.2	1″	22	49	76.7	101.9	77.2	62.3
1¼″	81	51	1¼″	29	59	93	125	91	75
1½″	94	60	1½″	31.5	63.2	99.2	133.2	100	81.5
2″	111	74	2″	38	82.4	124.7	165.7	117.6	92.4



ITEM NO: UCTB04

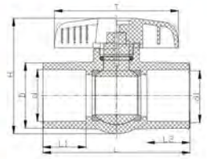
COMPACT BALL VALVE M/F

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

Dimensions

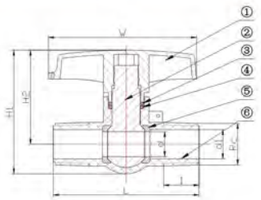
Nom Size	DN	D	L	L1	T	H
1½″x1½″	40	35	139	107	24	59
2″ x 2″	50	46	151	139	30	69



ITEM NO: UCB04

OCTAGONAL COMPACT BALL VALVE

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(11/4″)	11.5	11	38	42	42.16	40	106.8	26.8	26	94.5	99.6
40mm(11/2″)	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(21/2″)	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



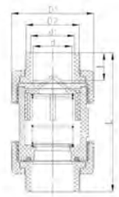
ITEM NO: UCB03

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
4	O-Ring	NBR	1
5	O-Ring	HDPE	2
6	Body	PVC-U	1

Dimensions

Nom Size	Rc	d1	d	L	I	W	H1	H2
½″	½″	14	12	70	17	71	60	45
¾″	¾″	18	16	75	17	71	67	47

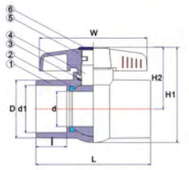


ITEM NO: UTS01

TRUE UNION SPRING CHECK VALVE

Nom Size	d	d1	D1	D2	I	L
50	44.6	50	92.8	61.4	32	160.3
63	54.8	63	114.8	77.6	38	193.2

PLASTIC VALVES AND FITTINGS



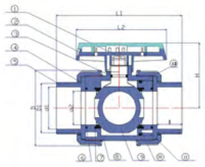
ITEM NO:UCB01
- SIZE:1/2″ - 6″
- END CONNECTOR: THREAD, SOCKET
- WORKING PRESSURE:150PSI

COMPACT BALL VALVE Specification of material

NO.	PART	MATERIAL	Q'TY
1	Body	PVC,CPVC,PP	1
2	Seat Seal	TPE、PTFE	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(11/4″)	11.5	11	38	42	42.16	40	30	53.5	112.5	28.0	108	103	70
40mm(11/2″)	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(21/2″)	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
6″	/	/	/	/	168.8	160	130.4	185.4	407	102.7	301.9	299.5	181.2



ITEM NO:UTB01
- SIZE:1/2″-4″
- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150PSI

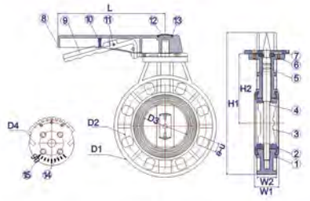
TRUE UNION BALL VALVE Specification of material

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

NO.	PART	MATERIAL	Q'TY
7	O-Ring	EPDM、FPM(NBR)	2
8	Body	PVC,CPVC,PP	1
9	Ball	PVC, CPVC, PP	1
10	Seat Seal	PTFE	2
11	Seat Carrier	PVC,CPVC,PP	1
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(11/4″)	11.5	11	38	42	42.16	40	32	52	86.6	31	161	97	76.5
40mm(11/2″)	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(21/2″)	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



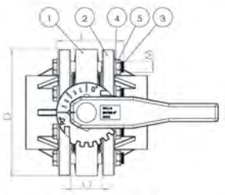
ITEM NO:UBV01
- SIZE:2'- 8'
- END CONNECTOR: FLANGE
- WORKING PRESSURE:200PSI

BUTTERFLY VALVE Specification of material

NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	Body	PVC	1	9	Small Handle	ABS	1
2	Seat Seal	EPDM、FPM(NBR)	1	10	Spring	SUS304	1
3	Gate	PVC	1	11	Pin	SUS304	1
4	Stem	SUS410	1	12	Bolt	SUS304	1
5	O-Ring	EPDM、FPM(NBR)	2	13	Handle Cap	ABS	1
6	Washer	ABS	1	14	Insered Bolt	SUS304	4
7	Locking Plate	PVC	1	15	Bolt cap	PVC	4
8	Large Handle	ABS	1				

Dimensions

Nom Size	D1	DIN D2	JIS D2	ANSI D2	D3	D4	L	H1	H2	W1	W2	DIN n-Ød	JIS n-Ød	ANSI n-Ød
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(21/2″)	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



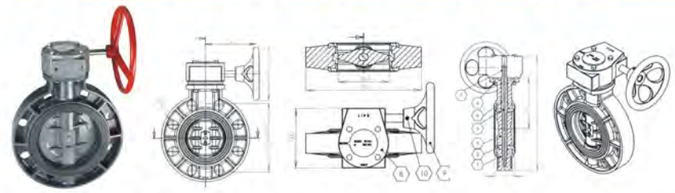
ITEM NO: UBV02
- SIZE:2' -16'
- END CONNECTOR: FLANGE
- WORKING PRESSURE:200PSI

BUTTERFLY VALVE WITH FLANGE

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

Dimensions

VALVE SIZE DN-INCH	FLANGE	D	L1	BOLT Q'TY	BOLT M
50X2"	63	160	43	4	M16
65X2½"	75	180	46	4	M16
80X3"	90	196	49	8	M16
100X4"	110	228	54	8	M16
125X5"	125,140	258	64	8	M16
150X6"	160	287	70	8	M20
200X8"	200,225	344	88	8	M20
250X10"	250,280	412	98	12	M20
300X12"	315	460	108	12	M20
350X14"	350	500	88	16	M20
400X16"	400	565	96	16	M24



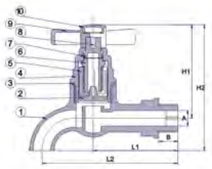
ITEM NO:UBV03
- SIZE:4' -16'
- WORKING PRESSURE:200PSI

BUTTERFLY VALVE GEAR TYPE

NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	BODY	PVC/CPVC/PPG	1	6	O-RING	EPDM/FPM	2
2	SEAT SEAL	EPDM/FPM	1	7	KEY	STEEL	1
3	DISC	PVC/CPVC/PPG	1	8	GEAR BOX	IRON	1
4	BOLT	304	1	9	HAND WHEEL	IRON	1
5	STEM	STEEL,/304/316	1	10	PIN	STEEL	1

Dimensions

SIZE	"	4"	5"	6"	8"	10"	12"	14"	16"
	DN	100	125	150	200	250	300	350	400
ØD		228	258	287	344	412	460	500	565
P.C.D. ØD1	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
Ød1		98	122	146	199	255	302	345	395
L		54	64	70	88	98	108	88	98
Ø1		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-Øe	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	12Ø 29	16Ø 29
	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



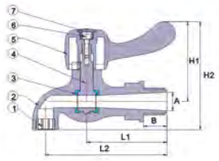
ITEM NO:UBC01
- SIZE:1/2″, 3/4″ IPS
- END CONNECTOR: BSPT, NPT, THREAD
- MATERIAL: PVC

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

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



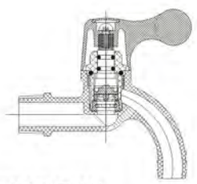
ITEM NO:UWF01
- SIZE:1/2〃, 3/4〃IPS
- END CONNECTOR: BSPT, NPT, THREAD
- MATERIAL: PVC

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

Dimensions

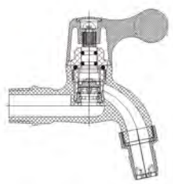
Nom Size	NPT Thd./in	BSPT Thd./in	A	B	L1	L2	H1	H2
15mm(1/2〃)	14	14	13.8	17.7	62.5	92.9	56	80
20mm(3/4〃)	14	14	13.8	17.7	63	92.9	55.6	81.5



ITEM NO: UWF03

ONE WAY FAUCET TYPE III

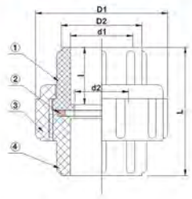
	A	B	L1	L2	H1	H2
20	13.5	14	48.9	85.9	58.78	94.68



ITEM NO: UCB04

ONE WAY FAUCET TYPE III WITH NOZZLE

	A	B	L1	L2	H1	H2
20	13.5	14	48.9	83.59	58.75	102.47



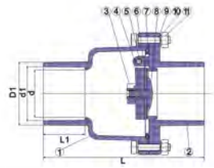
ITEM NO:UU001
- SIZE:1/2〃-4〃
- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150 PSI

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(11/4〃)	11.5	11	38	42	42.16	40	32	52	81	30	72.6
40mm(11/2〃)	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(21/2〃)	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



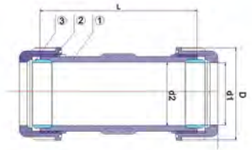
ITEM NO:USV01

PVC 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

Dimensions

Nom Size	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	L1	L	N-φe
65mm(21/2〃)	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



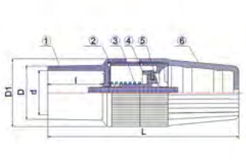
ITEM NO:UCC01
- SIZE:1/2″-4″
- SPECIFICATION:ASTM D2846 STANDARD
- WORKING PRESSURE:150PSI

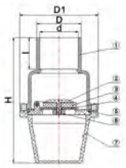
COMPRESSION COUPLING Specification of material

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(11/4″)	42	38	42.16	40	44	69.6	129.2
40mm(11/2″)	48	48	48.26	50	52	81	136.6
50mm(2″)	60	60	60.33	63	64.5	94	159
65mm(21/2″)	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





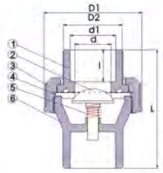
ITEM NO:UFV01
- SIZE:1/2″-6″
- END CONNECTOR: THREAD, SOCKET
- MATERIAL:PVC

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(11/4″)	11.5	11	38	42	42.16	40	51.0	78	35.0	195.3
40mm(11/2″)	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
160mm(6″)	8	11	165	168.3	168.3	160	161	291	120	500



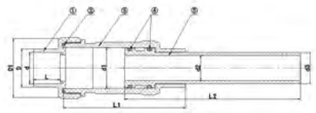
ITEM NO:USU02
- SIZE:1/2″-4″
- SPECIFICATION:Schedule 40

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(11/4″)	11.5	11	38	42	42.16	40	32	51.6	86.8	30.0	105
40mm(11/2″)	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



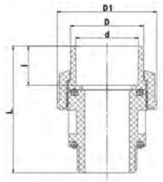
ITEM NO:UCC03

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

Dimensions

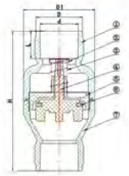
Nom Size	D1	D	d	d1	d2	d3	L	L1	L2
1/2″	45	27.6	21.34	27.9	16.5	21.4	23.3	95	135
3/4″	51.4	33.2	26.67	33.6	21.1	26.7	25.3	110.7	159
1″	63	40.8	33.4	43.2	26.7	33.4	28.4	130.5	187. 7
1 1/4″	73.2	50	42.16	51.3	34.8	42.2	31.5	149	209. 5
1 1/2″	79.8	56.6	48.26	57.6	42.2	48.3	33.3	170	233. 5
2″	92	69	60.33	70.3	52.2	60.3	34.8	181	244. 5



ITEM NO: UU002

UCB04

Nom Size	D	D1	d	L	I
50	58.8	80.1	50.4	102	31.5
63	73.7	99.5	63.4	113.5	38



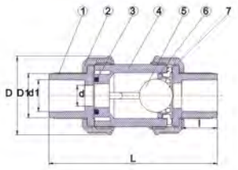
ITEM NO:UCV01

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

Dimensions

Nom Size	D1	D	BS(d)	ANSI(d)	DIN(d)	L	H
½″	45.2	30.5	22	21.34	20	23	103
¾″	45.2	35.5	26	26.67	25	27	113.6
1"	57.5	43	34	33.4	32	28	142
1¼″	79.6	52	42	42.16	40	30.6	156
1½″	79.8	60.2	48	48.26	50	36	167.4
2"	103.6	72	60	60.33	63	40.6	194.8



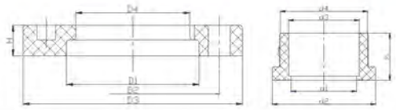
ITEM NO:UBC02

PVC 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

Dimensions

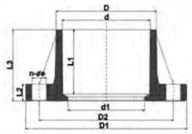
Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D1	D	I	L
15mm(1/2″)	14	14	22	22	21.34	20	15	27.5	51.3	20.5	105
20mm(3/4″)	14	14	26	26	26.67	25	19.5	35.0	65.5	25	116.5
25mm(1″)	11.5	11	32	34	33.4	32	25	41.6	73.7	28	130.5
32mm(11/4″)	11.5	11	38	42	42.16	40	32	51.6	86.8	29.5	148.5
40mm(11/2″)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



ITEM NO: UVF01
- SIZE:2″ - 12″
- MATERIAL : PVC

VAN STONE FLANGE Dimensions

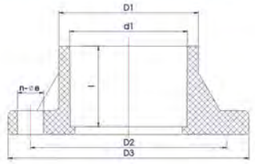
Nom Size	d1	d2	d3	d4	h	D1	D2	D3	D4	H
2″	51	91.8	58	74.6	43.5	92.5	120	152.4	77.6	20.5
2½″	68	107.2	73.4	90.6	49	107.6	140	177.6	92.6	24.8
3″	77.2	119.9	89.4	107	54.9	120.6	152.5	191.4	109.4	26.4
4″	102.4	152.5	110.4	131.8	64.8	153	191	229.7	134	28.5
6″	156	206	160.5	189.2	85	207.5	241	284	192.5	32
8″	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
225	200	274	225	247.5	118	126	250	294.5	339	32
250	242	327	250	282	133	140	284	350	399.7	34.5
315	299	377	315	345	165.5	174	347.5	402.5	450.8	36.5



ITEM NO: UTF02

JIS FLANGE Dimensions

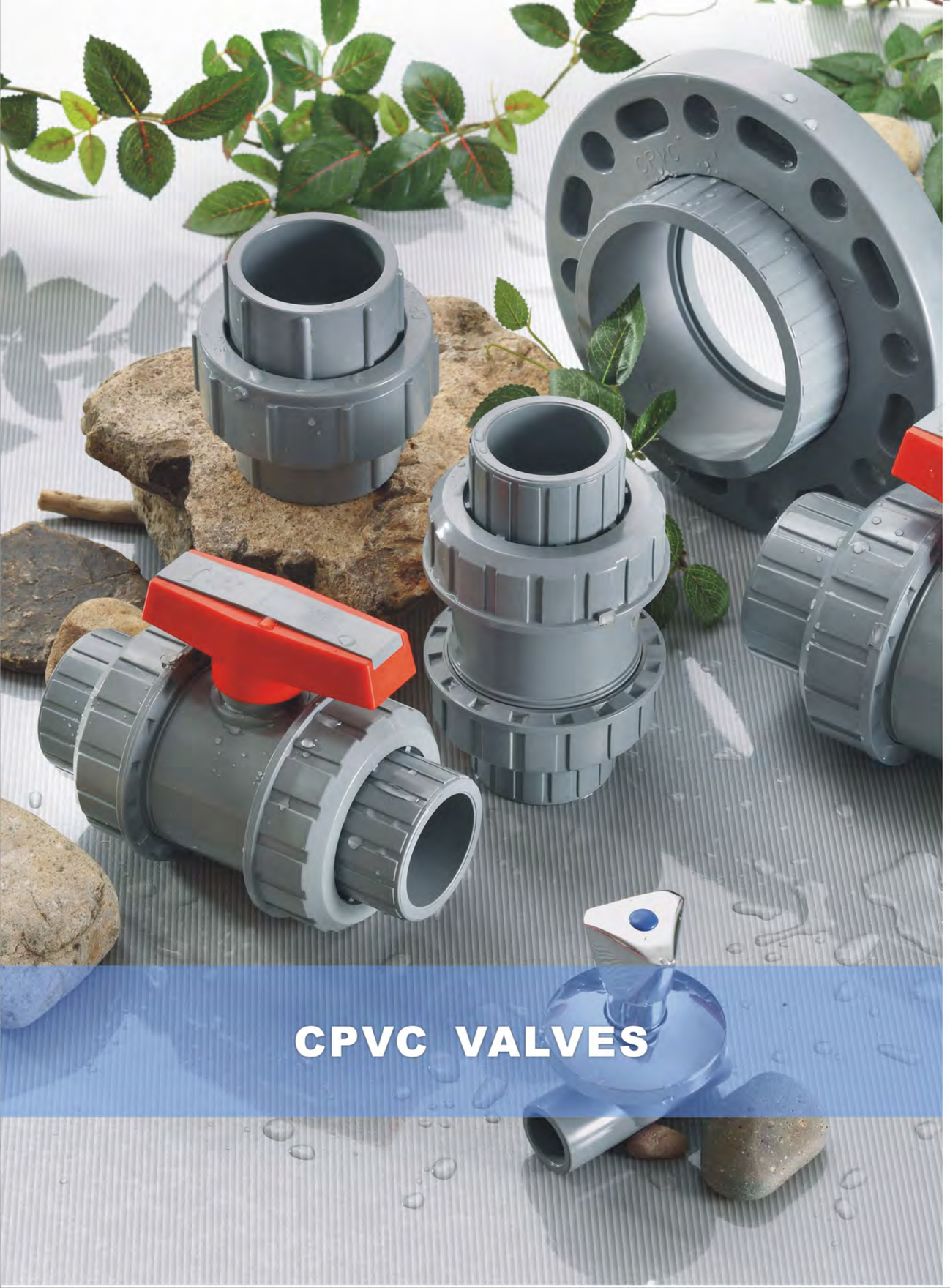
Nom Size	D	d ANSI	d DIN	d JIS	d BS	D1	D2	d1	L1	L2	L3	n-Øe
3/4″	35.3	26.67	25	26	26	100	75	22	35	15	40	4-Ø15
1″	43	33.4	32	32	34	125	89	25	40	15	46	4-Ø19
11/4″	49	42.16	40	38	42	135	100	30	44	16	50.5	4-Ø19
11/2″	60.5	48.26	50	48	48	140	105	41	55	16	61.5	4-Ø19
2″	73.5	60.33	63	60	60	155	120	52	63	20	71	4-Ø19
21/2″	90.5	73.03	75	76	76	175	140	67	61	22	70	4-Ø19
3″	105.5	88.9	90	89	89	185	150	78	64	22	73	8-Ø19
4″	131	114.3	110	114	114	210	175	100	83.5	22	95	8-Ø19



ITEM NO: UTF01
- SIZE:1/2″-8″
- 235PSI MAXIMUM INTERNAL PRESSURE RATING @73° F
- MATERIAL : PVC

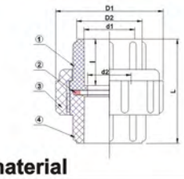
TS FLANGE Dimensions

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



CPVC VALVES & FITTINGS ASTM F1970

CE



NSF

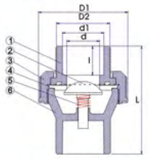
ITEM:CU001
- SIZE:1/2〞-4〞
- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150 PSI

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

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(11/4〞)	11.5	11	38	42	42.16	40	32	52	81	30	72.6
40mm(11/2〞)	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(21/2〞)	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



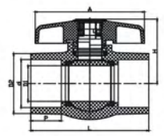
ITEM NO:CSU02
- SIZE:1/2"-2"

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

Dimensions

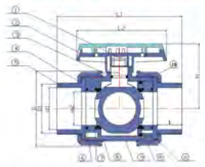
Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d	D2	D1	I	L
15mm(1/2〞)	14	14	22	22	21.34	20	16	27.5	51.3	20.5	80
20mm(3/4〞)	14	14	26	26	26.67	25	19	35.5	65.5	22	86.5
25mm(1〞)	11.5	11	32	34	33.4	32	24	41.5	73.7	28.0	96
32mm(11/4〞)	11.5	11	38	42	42.16	40	32	51.6	86.8	30.0	105
40mm(11/2〞)	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
- SIZE:1/2"-2"

COMPACT BALL VALVE

Nom Size	d	D1	D2	P	L	H	A
1/2〞	21.54	15	32.1	21.6	80	44.9	68.5
3/4〞	26.9	20	38.5	25	93.3	52	80.5
1〞	33.7	24	47	29	106.3	65	100
1¼〞	42.4	30	54	32	121.3	70	108
1½〞	48.56	33.8	62	35.4	133.3	73.5	108
2〞	60.5	45	75.7	38.6	149	81	138



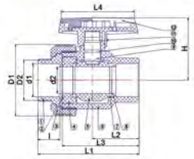
ITEM NO:CTB01
- SIZE:1/2〃-4〃
- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150PSI

TRUE UNION BALL VALVE Specification of material

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

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(11/4〃)	11.5	11	38	42	42.16	40	32	52	86.6	31	161	97	76.5
40mm(11/2〃)	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(21/2〃)	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



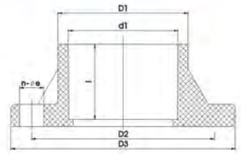
ITEM:CSU01
- SIZE:1/2〃-4〃
- END CONNECTOR: THREAD, SOCKET, FLANGE
- WORKING PRESSURE:150 PSI

SINGLE UNION BALL VALVE Specification of material

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

Dimensions

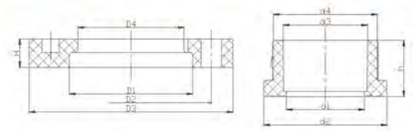
Nom Size	NPT Thd./in	BSPT Thd./in	JIS d1	BS d1	ANSI d1	DIN d1	d2	D2	D1	I	L1	L2	L3	L4	H
15mm(1/2〃)	14	14	22	22	21.34	20	14	27.6	51.3	20.6	95.8	25.3	67.3	65	49.5
20mm(3/4〃)	14	14	26	26	26.67	25	18.7	35.2	65.5	25	111.4	32.4	78.3	74.9	56.5
25mm(1〃)	11.5	11	32	34	33.4	32	24	41.6	73.7	27.9	121.5	49.5	85.9	85	65
32mm(11/4〃)	11.5	11	38	42	42.16	40	32	49	86.6	27.0	130	57	99	97.1	76.5
40mm(11/2〃)	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(21/2〃)	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: CTF01
- SIZE:1/2'-8'
- 235PSI MAXIMUM INTERNAL PRESSURE RATING @73° F
- MATERIAL : CPVC

TS FLANGE Dimensions

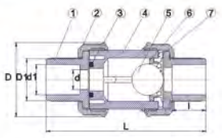
Nom Size	D1	D2	D3	d1 DIN	d1 ANSI	d1 JIS	d1 BS	I	n-ø e
20mm(1/2〃)	30	60.5	89	20	21.34	22	22	22	4-16
25mm(3/4〃)	34	70.5	98	25	26.67	26	26	23.5	4-16
32mm(1〃)	42.5	79.5	108	32	33.4	32	34	25.5	4-16
40mm(1-1/4〃)	52	89.5	118	40	42.16	38	42	32	4-16
50mm(1-1/2〃)	61.5	98.5	127	50	48.26	48	48	32.5	4-19
63mm(2〃)	76	120.5	151.5	63	60.33	60	60	35.8	4-19
75mm(2-1/2〃)	89.5	139.5	177.3	75	70.03	76	76	41	4-19
90mm(3〃)	107.5	152.5	191	90	88.9	89	89	48.5	4-19
110mm(4〃)	130.5	190.5	228.5	110	114.3	114	114	58.5	8-19
160mm(6〃)	188	240	280	160	168.3	165	168.3	132	8-23
200mm(8〃)	238	296	330	200	219.1	216	219.1	136	12-23



ITEM:CVF01
- SIZE:2'-8'
- 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
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
225	200	274	225	247.5	118	126	250	294.5	339	32
250	242	327	250	282	133	140	284	350	399.7	34.5
315	299	377	315	345	165.5	174	347.5	402.5	450.8	36.5



ITEM:VBC02

PVC BALL CHECK VALVE Specification of material

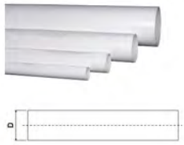
NO.	PART	MATERIAL	Q'TY	NO.	PART	MATERIAL	Q'TY
1	End Connector	CPVC	2	5	Ball	CPVC	1
2	Union Nut	CPVC	2	6	Gland	CPVC	1
3	Stem O-Ring	EPDM	1	7	Seat	EPDM	1
4	Body	CPVC	1				

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(11/4〃)	11.5	11	38	42	42.16	40	32	51.6	86.8	29.5	148.5
40mm(11/2〃)	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 (DIN STANDARD)

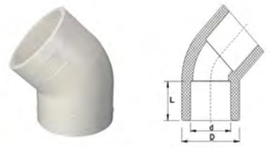
PVC PRESSURE PIPES & FITTINGS PN10 ISO1452



ITEM NO: US001

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

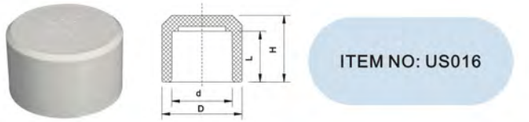
45° ELBOW

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	131
315	343	315	147
355	385	355	164
400	431	400	184
			206

ITEM NO: USE02

90° ELBOW

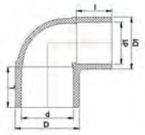
Size Nom	D	d	L
20	25	20	17
25	30.8	25	19.5
32	38.3	32	23
40	47.9	40	28.5
50	58.3	50	33.5
63	72.9	63	40
75	87.6	75	44
90	105.4	90	51
110	126.4	110	61
125	142.4	125	69
140	159	140	76.5
160	180.6	160	86.5
180	196.6	180	96
200	225.6	200	107
225	245	225	119
250	274.6	250	131
280	306	280	147
315	343	315	164
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: USE07

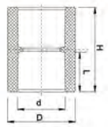
REDUCING ELBOW

Size Nom	D	d	L	D1	d1	l
25×20	30.9	25	20	25	20	20

ITEM NO: US012

MALE ADAPTOR

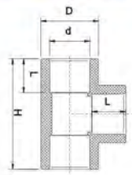
Size Nom	D	d	G	L	H	d1
20	27.4	20	1/2"	16	37	14
25	33.2	25	3/4"	19	43	18.5
32	40.6	32	1"	23	50.7	25
40	49.3	40	1 1/4"	26	58	32
50	60.3	50	1 1/2"	31.5	61	36
63	85.8	63	2"	38	73	47
75	89	75	2 1/2"	44	90	60
90	105.4	90	3"	51	108	69.2
110	130	110	4"	61.5	119	92



ITEM NO: US003

COUPLING

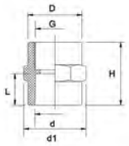
Size Nom	D	d	L	H
20	25	20	17	36
25	30.8	25	19.5	41
32	38.3	32	23	48
40	47.9	40	28.5	60
50	58.3	50	33.5	70
63	72.9	63	40	83
75	87.6	75	44	90
90	105.4	90	51	106
110	126.4	110	61	126
125	142.4	125	69	144
140	159	140	76.5	161
160	180.6	160	86	180
180	196.6	180	96	198
200	225.6	200	107	222
225	245	225	119	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

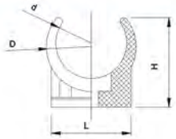


ITEM NO: US011

FEMALE ADAPTOR

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
25×1/2"	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

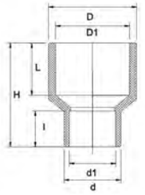
PVC PRESSURE PIPES & FITTINGS PN10 ISO1452



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

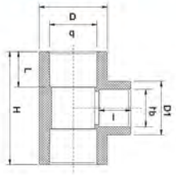


ITEM NO: US004

REDUCING COUPLING

Size Nom	D	D1	L	d	d1	l	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
75×32	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
125×75	136	125	70	82.4	75	44	144
125×90	136	125	70	98.8	90	51	145
125×110	136	125	70	120	110	61	148
140×90	152.4	140	76	98.8	90	51	159

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

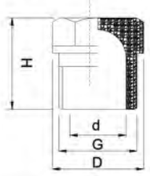


ITEM NO: UST02

REDUCING TEE

Size Nom	D	d	L	D1	d1	l	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
75×32	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
125×75	136	125	70	82.4	75	44	237
125×90	136	125	70	98.8	90	51	237
125×110	136	125	70	120	110	61	256
140×90	152.4	140	70	98.8	90	51	248
140×110	152.4	140	76	120	110	61	268.5

Size Nom	D	d	L	D1	d1	l	H
160×75	174	160	86	82.4	75	44	251
160×90	174	160	86	98.8	90	51	267.5
160X110	180.6	160	86.5	126.4	110	61	288
160×125	174	160	86	136	125	70	303
160×140	174	160	86	152.4	140	76	318.5
180×160	196.6	180	96	174	160	86	357
200×75	217.6	200	106	82.4	75	44	291
200×90	217.6	200	106	98.8	90	51	331
200×110	217.6	200	106	120	110	61	331
200X160	225.6	200	107	180.6	160	86.5	394.6
225×110	245	225	119	120	110	61	359.5
225×160	245	225	119	174	160	86	406.5
250×110	274.6	250	131	120	110	61	378
250×160	274.6	250	131	174	160	86	428.5
250×200	274.6	250	131	217.6	200	106	468.5
280×200	306	280	147	217.6	200	106	512
315×110	343	315	164	120	110	61	447.5
315×160	343	315	164	174	160	86	497.5
315×200	343	315	164	217.6	200	106	537
315×225	343	315	164	245	225	119	537
315×250	343	315	164	274.6	250	131	587
355×110	385	355	184	120	110	61	558
355×160	385	355	184	174	160	86	558
355×200	385	355	184	217.6	200	107	692
355×225	385	355	184	245	225	118	692
355×250	385	355	184	274.6	250	131	692
400×200	431	400	206	217.6	200	106	644
400×225	431	400	206	245	225	119	644
400×250	431	400	206	274.6	250	131	751
400×315	431	400	206	343	315	164	751



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

PVC PRESSURE PIPES & FITTINGS PN10 ISO1452

ITEM NO: US013+US014

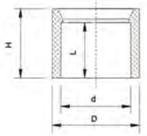
ITEM NO:US015

PLANE FLANGE & SHORT PIPE FOR FLANG

Size Nom	d1	d2	d3	d4	h	D1	D2	H
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

TS FLANGE

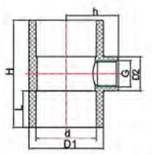
Size Nom	D	d	D1	L1	L2	L3	T
20	27	20.3	95	14	16	20.2	4X13.5
25	33	25.3	105	16	19	23.2	4X14
32	40	32.4	115	16	22	26.2	4X14
40	50	40.4	140	16	26	30.5	4X18
50	61	50.4	150	17.6	30.5	34.1	4X18
63	76	63.4	164.6	18	38.9	43	4X18
75	90	75.5	185	19.3	44	48	4X18
90	106.8	90.5	194.5	22.2	46.5	54	4X18
110	131	110.6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



ITEM NO: US005

REDUCING RING

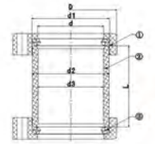
Size Nom	D	d	L	H
25X20	25	20	17	20.5
32X20	32	20	17	24
32X25	32	25	20	25
40X32	40	32	25	28.5
50X25	50	25	19.5	33.5
50X32	50	32	23	33.5
50X40	50	40	27.5	33.5
63X25	63	25	19.5	40
63X32	63	32	21.7	37.5
63X40	63	40	28.5	40
63X50	63	50	32.5	40
75X50	75	50	33.5	44
75X63	75	63	40	44
90X50	90	50	33.5	51
90X63	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
160X90	160	90	51	86.5
160X110	160	110	59.5	85.5
200×110	200	110	61	106
225×110	225	110	61	118.5
250×160	250	160	86	131
	250	200	106	131
250×225	250	225	118.5	131
355×315	355	315	163.5	183.5
400×315	400	315	163.5	206



ITEM NO:USF001

FEMALE REDUCING TEE

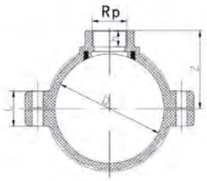
Size Nom	D1	D2	d	L	H	h	G
63×3/4"	75	34	63	40	113	51.5	3/4"



ITEM NO:USG001

GIBOT

Size Nom	D	d	d1	d2	d3	L
63	90.6	64.5	76	75	64	79.5
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

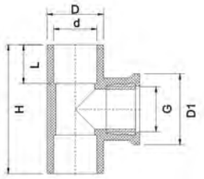


ITEM NO:USS01

UPVC SADDLE CLAMP

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

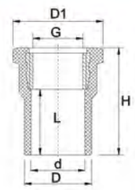
Nom Size	D	Rp	H	Z	L
160×2-1/2"	160	2-1/2"	36	125	55
200×1-1/2"	200	1-1/2"	35	142	74
200×2"	200	2"	37	142	74
200×2-1/2"	200	2-1/2"	37	142	74
225×3/4"	225	3/4"	20	153.5	76
225×1-1/2"	225	1-1/2"	37	153.5	76
225×2"	225	2"	37	153.5	76
225×2-1/2"	225	2-1/2"	37	153.5	76
250×2"	250	2"	28	170	76
250×2"(铜)	250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



ITEM NO: UST03

COPPER THREAD TEE

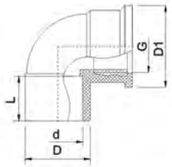
Size Nom	D	d	L	G	H	D1
20× 1/2"	25	20	17	1/2"	60	33
25× 1/2"	30.8	25	19.5	1/2"	68	33
25× 3/4"	30.8	25	19.5	3/4"	73	40
32× 1/2"	38.3	32	23	1/2"	68	33
32× 3/4"	38.3	25	23	3/4"	73	40
32 × 1"	38.3	32	23	1"	90	45



ITEM NO: US009

COPPER THREAD COUPLING

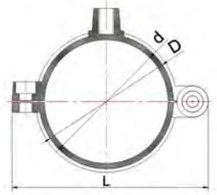
Size Nom	D	d	D1	G	L	H
20× 1/2"	25	20	33.5	1/2"	24.5	40
25× 1/2"	30.8	25	35.3	1/2"	19.5	43
25× 3/4"	30.8	25	40.4	3/4"	28	45
32× 1/2"	38.3	32	33.5	1/2"	23	43
32× 3/4"	38.3	25	44.2	3/4"	23	47
32 × 1"	38.3	32	50	1"	23	49



ITEM NO: USE03

90° COPPER THREAD ELBOW

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

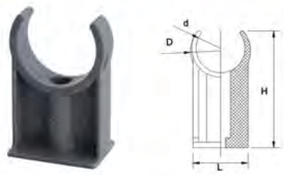


ITEM NO: US006

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

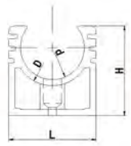
PVC PRESSURE PIPES & FITTINGS PN10 ISO1452



ITEM NO: US008

U-BRACKET

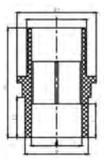
Size Nom	D	d	L	H
20	24	19.5	22	46.8
25	32.8	24.5	29.4	52
32	40.5	31.5	37	57
40	50	39.5	39.6	64
50	61.2	49.5	44	69.8
63	77	62.5	60	80



ITEM NO:US009

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
32x40x1¼"	32	40	57.8	22.5	28.5	91.8	17	1¼"
40x50x1¾"	40	50	71.8	28.5	33.5	98.5	19.2	1¾"
50x63 x2"	50	63	79	33.5	40	109.3	21	2"
63x75x2½"	63	75	95	40	44	120	23	2½"

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

GLUE FOR WATER SUPPLY

Weight g
100 300 500 1000

EXECUTIVE STANDARD: QB/T 2568-2002

GLUE FOR PRESSURE

Weight ML
80Z 237ML 160Z 480ML 320Z 960ML

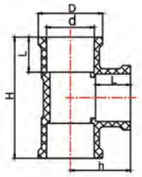
STANDARD: QB/T 2568-2002

PIPE CLEANER

Weight ML
80Z 237ML 160Z 480ML 320Z 960ML

STANDARD: QB/T 2568-2002

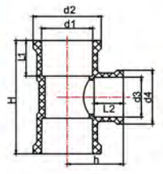
PVC PRESSURE FITTINGS TYPE II



ITEM NO:US II 001

TEE

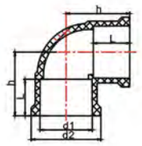
Size Nom	d1	d2	L	h	H
20	20	28.5	16.5	28	54.2
25	25	34	18.5	31.8	64
32	32	43	22.5	40	78.2
40	40	51.5	26.2	47.1	95
50	50	63	31.3	58	115
63	63	80	37.5	70	140



ITEM NO:US II 002

REDUCING TEE

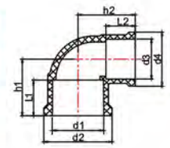
Size Nom	d1	d2	d3	d4	L1	L2	h	H
25×20	25	34	20	28.5	18.5	16.5	29.6	59.2
32×25	32	43	25	34	22.5	18.5	35.5	71.6
40×32	40	51.5	32	43	26.2	22.5	44	86.5
50×32	50	63	32	43	31.3	22.5	48.5	97
50×40	50	63	40	51.5	31.3	26.2	53	105.5



ITEM NO:US II 003

90° ELBOW

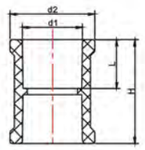
Size Nom	d1	d2	h	L
20	20	28.5	27.4	16.5
25	25	34	32	18.5
32	32	43	39.3	22.5
40	40	51.5	47.8	26.2
50	50	63	58.5	31.3
63	63	80	70.5	37.5



ITEM NO:US II 004

REDUCING ELBOW

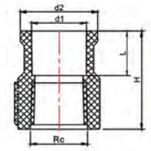
Size Nom	d1	d2	d3	d4	L1	L2	h1	h2
25×20	25	34	20	28.5	18.5	16.5	29.8	30
32×25	32	43	25	34	22.5	18.5	35.7	36.1
40×32	40	51.5	32	43	26.2	22.5	44	44.8



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

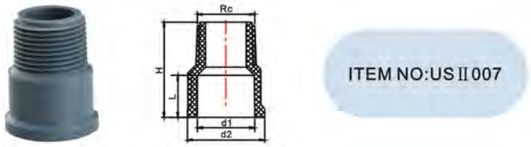


ITEM NO:US II 006

FEMALE ADAPTOR

Size Nom	Rc	H	d1	d2	L
20×½"	1/2"	36.2	20	28.5	16.5
25×¾"	3/4"	40.2	25	34	18.5
32×1"	1"	47.5	32	43	22.5
40×1¼"	1¼"	55	40	51.5	26.2
50×1½"	1½"	57.5	50	62	31.3

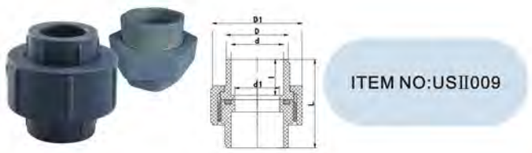
PVC PRESSURE FITTINGS TYPE II



ITEM NO:USⅡ007

MALE ADAPTOR

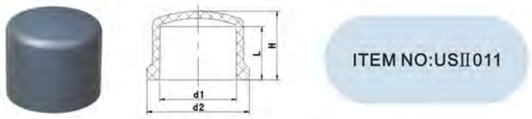
Nom Size	Rc	H	d1	d2	L
20×½"	1/2"	38	20	28.5	16.5
25×¾"	3/4"	42	25	34	18.5
32 × 1"	1"	49.5	32	43	22.5
40×1¼"	1¼"	56	40	51.5	26.2
50×1½"	1½"	65.7	50	63	31.3
63x2"	2"	78.6	63	80	37.5



ITEM NO:USⅡ009

UNION TYPE III

Nom Size	D1	D	d	d1	l	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:USⅡ011

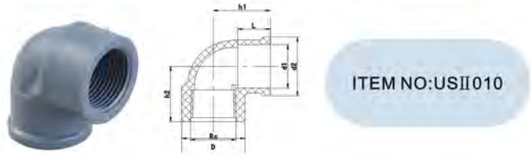
END PLUG

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:USⅡ008

REDUCING RING

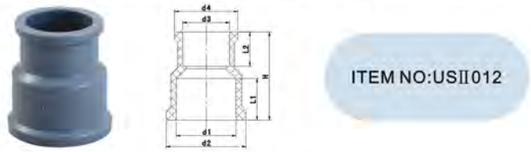
Nom Size	d1	d2	L	H
25X20	20	25	16.5	18.7
32X25	25	32	18.5	22.2
40X32	32	40	22.5	26.2
50X40	40	50	26.2	31.6
63X50	50	63	31.3	37.9



ITEM NO:USⅡ010

FEMALE ELBOW

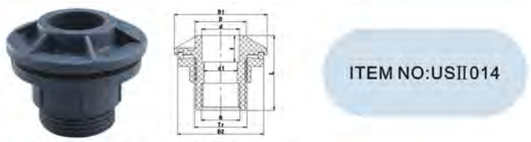
Nom Size	d1	d2	D	Rc	L	h1	h2
20x½"	20	28.5	30.2	½"	16.5	26.4	28.5
25x¾"	25	34	36.6	¾"	18.5	33	32
32x1"	32	43	44	1"	22.5	39.4	39.5



ITEM NO:USⅡ012

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:USⅡ014

FLANGE COUPLING

Nom Size	D1	D2	D	d	d1	l	L	G	Tr
32x1"	79.5	73.8	44	32	28.6	22.5	64	1"	45
40x1¼"	87.6	82	54.8	40	35	26.2	64	1¼"	53
50×1½"	95	87.5	61	50	43	36.3	67.2	1½"	57.8
63x2"	109	102	74.8	63	54.4	37.5	67.5	2"	73

PVC PRESSURE PIPES & FITTINGS PN16 (DIN8063)

ITEM NO: US6001

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

Nom Size	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
160	188	160	86.5	123

ITEM NO:US6E07

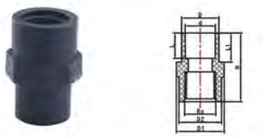
REDUCING ELBOW

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

ITEM NO: US6E02

90° ELBOW

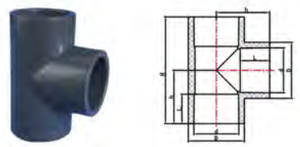
Nom Size	D	d	L	h
20	27	20	16.5	28
25	33	25	19.5	33.5
32	41.3	32	22.5	40
40	50.4	40	26.5	48
50	61	50	31.5	58
63	75.9	63	38.5	72
75	89.8	75	44.5	84
90	107.8	90	51.5	99
110	131	110	61.5	119
160	188	160	86.5	169.5



ITEM NO:USF002

FEMALE ADAPTOR M/F

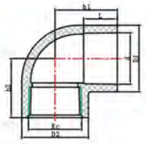
Size Nom	D1	D2	D	d	L	L1	H	Rc
25X20X½"	32	28.5	25	20	17	19.5	46	1/2"



ITEM NO:US6T01

TEE

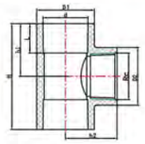
Nom Size	D	d	L	H	h
20	27	20	16.5	56	28
25	33	25	19.5	67	33.5
32	41.3	32	22.5	80	40
40	50.4	40	26.5	96	48
50	61	50	31.5	117	58
63	75.9	63	38.5	144	72
75	89.8	75	44.5	168	84
90	107.8	90	51.5	197	98.5
110	131	110	61.5	237	118.5
160	188	160	86.5	337	168.5



ITEM NO: US6E03

FEMALE ELBOW

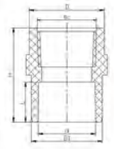
Nom Size	D1	D2	d	L	h1	h2	Rc
20x½"	28.6	28.6	20	16.5	28	28.5	½"
25x½"	33	28.6	25	19.5	31.5	31.5	½"
25x¾"	35.1	35.1	25	19.5	34	33	¾"
32x½"	41.3	29.6	32	22.5	34.5	35	½"
32x¾"	41.3	35	32	22.5	37	36.5	¾"
32x1"	44.3	44.3	32	22.5	40	40.5	1"
40x1¼"	52.4	52.4	40	26.5	49	46.5	1¼"
50x1½"	61	61	50	31.5	56.5	52	1½"
63x2"	75.9	75.9	63	38.5	69	63	2"
75x2½"	89.8	89.8	75	44.5	83	74.5	2½"
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
20x½"	28.6	28.6	20	16.5	27.5	29	55	½"
25x½"	33	28.6	25	19.5	30.5	31.5	61	½"
25x¾"	34.2	34.2	25	19.5	33	33.5	66	¾"
32x½"	41.3	29.6	32	22.5	34	35	68	½"
32x¾"	41.3	35	32	22.5	36.5	36.5	73	¾"
32x1"	42.3	42.3	32	22.5	40	40	80	1"
40x1¼"	52.4	52.4	40	26.5	47.5	46.5	95	1¼"
50x1½"	61	61	50	31.5	55.5	51.5	111	1½"
63x2"	75.9	75.9	63	38.5	68.5	62	137	2"
75x2½"	89.8	89.8	75	44.5	83	73.5	166	2½"
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

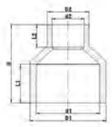
FEMALE ADAPTOR M/F

Nom Size	D	D1	d	L	H	Rc
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

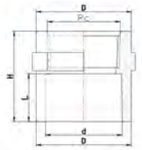


ITEM NO: US6004

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

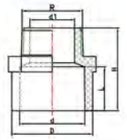
PVC PRESSURE PIPES & FITTINGS PN16 (DIN8063)



ITEM NO: US6011

FEMALE ADAPTOR

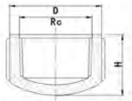
Nom Size	D	d	L	H	Rc
20x½"	28.6	20	16.5	35.5	½"
25x¾"	34	25	19.5	40	¾"
32x1"	42.3	32	22.5	46.6	1"
40x1¼"	51.4	40	26.5	54.5	1¼"
50x1½"	62.5	50	31.5	59.5	1½"
63x2"	77.4	63	38.5	71.5	2"
75x2½"	91.3	75	44.5	80.5	2½"
90x3"	109.8	90	51.5	90.5	3"
110x4"	133	110	61.5	107	4"



ITEM NO: US6012

MALE ADAPTOR

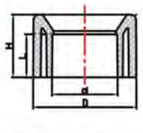
Nom Size	D	d	d1	L	H	R
20x½"	28.6	20	12	16.5	38.5	½"
20x¾"						
25x¾"	34	25	17	19.5	44	¾"
25x1"						
32x1¼"						
32x1"	42.3	32	22	22.5	52.5	1"
40x1¼"	51.4	40	30	26.5	58	1¼"
40x1½"						
50x1½"	62.5	50	34.5	31.5	64	1½"
50x2"						
63x2"	77.4	63	44.4	38.5	74	2"
75x2½"	91.3	75	57.7	44.5	83.5	2½"
90x3"	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

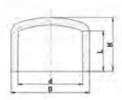
Nom Size	D	H	Rc
20x½"	28.6	24	½"
25x¾"	35.2	26	¾"
32x1"	43.3	32	1"
40x1¼"	53	35	1¼"
50x1½"	59.4	36.2	1½"
63x2"	73	42.6	2"



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

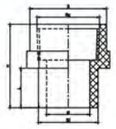


ITEM NO: US6016

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

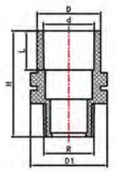
FEMALE ADAPTOR SPIGOT X FIPT

Size Nom	D	D1	d	L	H	Rc
20x½″	28.5	20	11.8	16.5	37.6	½″
20x¾″	34	20	11.8	16.5	39.4	¾″
25x½″	28.5	25	16.3	19.5	40.6	½″
25x¾″	34	25	16.3	19.5	42.4	¾″
25x1″	42.3	25	16.3	19.5	46.5	1″
32x¾″	34	32	22	22.5	42	¾″
32x1″	42.3	32	22	22.5	49.5	1″
40x1″	42.3	40	29	26.5	52	1″
40x1¼″	51.4	40	29	26.5	56	1¼″
40x1½″	62.5	40	29	26.5	56	1½″
50x1¼″	51.4	50	37.9	31.5	57.5	1¼″
50x1½″	62.5	50	37.9	31.5	61	1½″
50x2″	77.4	50	37.9	31.5	66	2″
63x1½″	62.5	63	49	38.5	68	1½″
63x2″	77.4	63	49	38.5	73	2″

ITEM NO:US6020

REDUCING COUPLING M/F

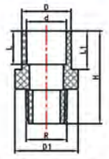
Size Nom	D1	d1	L1	D2	d2	L2	H
63x50x32	41.3	32.3	22.5	62	50.4	31.5	73



ITEM NO:USM002

MALE ADAPTOR III

Size Nom	D	D1	d	L	H	Rc
20X½″	25	29.5	20	16	49	1/2"
25×¾″	31.8	38.3	25	19.5	53	3/4"



ITEM NO:US6019

MALE ADAPTOR M/F

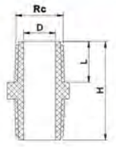
Size Nom	D1	D	d	L	L1	H	Rc
25X20X½″	32	25	20	17	19.5	46	1/2"
25X32X½″	32	25.3	22	27	14	48	1/2"
25X32X¾″	32	25.3	22	27	18.5	50	¾″
32x25x¾″	50	40.4	22	31.5	26.5	63.5	¾″
40X32X1″	43	40	32	32.50	26.50	57	1″
50x40x1″	32	25.3	17	22.5	19.5	50.5	1″
50x40x1¼″	50	40.4	30	31.5	26.5	65.5	1¼″
63X50X1½″	68	63	50	45	38	72	1½″
63X50X2″	68	63	50	45	38	78	2″
75X63X2″	81	75	63	51.50	44	85	2″
90X75X2″	97	90	75	57	51.50	93.50	2″
110X90X3″	119	110	90	69.50	61.50	112.50	3″

ITEM NO:US6T02

REDUCING TEE

Size Nom	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

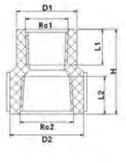
PVC THREAD FITTINGS (BS STANDARD)



ITEM NO:TPF001

NIPPLE M/M

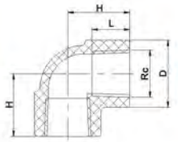
Size Nom	Rc	L	H	D
½″	½″	17	41	13.4
¾″	¾″	18.5	45	18.4
1″	1″	22.6	54.2	25.2
1¼″	1¼″	23	54	31.5
1½″	1½″	24	56	36.5
2″	2″	26	60.5	47.5
2½″	2½″	30	69	64
3″	3″	32	73.5	74.6
4″	4″	37.5	85	98.8



ITEM NO:TPF002

FEMALE REDUCING COUPLING F/F

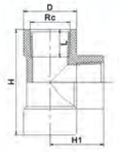
Size Nom	Rc1	Rc2	D1	D2	L1	L2	H
3/4"x 1/2"	1/2"	3/4"	30	36.5	17.5	18.5	41.6
1"x1/2"	51	91.8	58	74.6	43.5	92.5	120
1"x3/4"	3/4"	1"	36.5	44	18.5	22	45.5



ITEM NO:TPF003

FEMALE ELBOW F/F

Size Nom	Rc	L	H	D
½″	½″	17	28	30
¾″	¾″	18.5	32.75	36.5
1″	1″	22	39.5	44
1¼″	1¼″	24	47	54.6
1½″	1½″	25	49	60.4
2″	2″	29	61.2	74
2½″	2½″	31.5	72	93.3
3″	3″	33	79.15	104.6
4″	4″	36.5	96.2	132.5



ITEM NO:TPF004

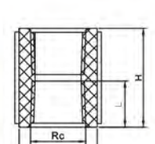
FEMALE TEE F/F/F

Size Nom	L	D	Rc	H	H1
½″	17	30	½″	56.6	28.4
¾″	18.5	36.5	¾″	65.5	32.8
1″	22.6	44	1″	87	44.5
1¼″	23.5	53.4	1¼″	94	47
1½″	25	60.2	1½″	99	49.5
2″	28	74	2″	120.4	60.2
2½″	31.5	93.3	2½″	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

Size Nom	L1	L2	D1	D2	Rc1	Rc2	H	H1
3/4"x 1/2"	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

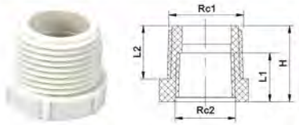


ITEM NO:TPF006

FEMALE COUPLING F/F

Size Nom	Rc	L	H	D
½″	½″	17.5	37.5	30
¾″	¾″	18.5	40.3	36.5
1″	1″	22	48.3	44
1¼″	1¼″	54.3	40.3	51.5
1½″	1½″	26.5	56	60.8
2″	2″	28	59	74.2
2½″	2½″	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

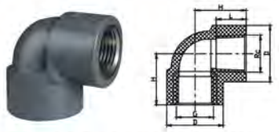
REDUCER M/F

Nom Size	Rc1	Rc2	L1	L2	H
¾″x ½″	1/2"	3/4"	17	18.5	26.5
1″x ½″	1/2"	1"	17	22.6	31
1″x ¾″	3/4"	1"	18.5	22.6	31.6
1¼″x ¾″	1¼″	¾″	18.5	22.5	31.5
1¼″x 1″	1¼″	1″	22	22.5	31.5
1½″x ¾″	1½″	¾″	18.5	23	33
1½″x 1″	1½″	1″	22	23	33
1½″x1¼″	1½″	1¼″	24.5	23	33
2″x 1″	2″	1″	22	26	37
2″x1¼″	2″	1¼″	24.5	26	37
2″x1½″	2″	1½″	25	26	37
3″x2½″	3″	2½″	28	32	43
3″x 2″	3″	2″	31	32	43
4″x 2″	4″	2″	28	38	50
4″x 3″	4″	3″	34	38	50

ITEM NO:TPF008

THREAD PLUG

Nom Size	D	d	Rc	H
½″	24	13	½″	26.5
¾″	31	17.8	¾″	31
1″	39.2	23	1″	37.5
1¼″	43.3	31.5	1¼″	36
1½″	50	36.5	1½″	38.5
2″	57	47.5	2″	43



ITEM NO:TPF009

FEMALE ELBOW W/BRASS

Nom Size	D	Rc	L	H
½″	32	½″	17	29

ITEM NO:TPF011

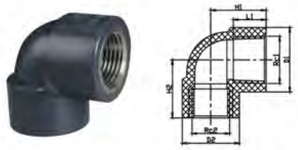
FEMALE TEE W/BRASS

Nom Size	D	Rc	L	H	H1
½″	32	½″	17	57	31

ITEM NO:TPF015

FEMALE UNION

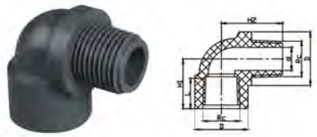
Nom Size	D1	D	G	d1	I	L
½″	48	30.2	½″	15	17	45.5
¾″	55	36.8	¾″	22	19	51.5
1″	64	44	1"	26	21	54.2
1¼″	77.5	52	1¼″	32.8	25.9	68.2
1½″	86.5	59	1½″	40	31.3	74.3
2″	101	72.8	2″	53.5	37.5	85.2



ITEM NO:TPF010

REDUCING ELBOW W/BRASS

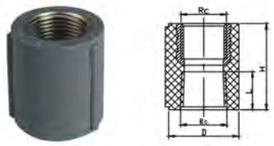
Nom Size	D1	Rc1	D2	Rc2	L1	H1	H2
¾″x½″	36	¾″	32	½″	18.5	31	32.5



ITEM NO:TPF012

90⁰ELBOW M/F

Nom Size	D	R(Rc)	d	L	H1	H2
½″X ½″	30	½″	13	17	28	34.5
¾″	36.5	¾″	18.4	18.5	32.75	39.55
1″	44	1″	22.6	22	39.5	46.8
1¼″		1¼″				
1½″	60.8	1½″	36.6	25	51.5	59.4
2″	74	2″	47	2861		69.5
2½″	93.2	2½″	58	31	72.5	82.5



ITEM NO:TPF013

FEMALE ADAPTOR W/BRASS

Nom Size	D	Rc	L	H
½″	32	½″	17	39.5

PVC THREAD FITTINGS (BS STANDARD)

ITEM NO: TPF021

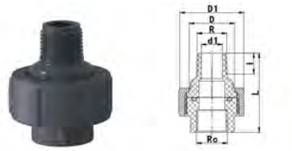
BRASS FEMALE THREAD REDUCING TEE F/F/F

Nom Size	D1	D2	d	L	H	h	Rc
1″ x ½″	41.7	28.5	33.69	23	69.6	35	½″
1½″ x ½″	59.8	28.5	48.38	30.5	85.5	42	½″
2½″ x ½″	74.5	28.5	60.5	36.5	102	51	½″

ITEM NO:TPF014

MALE ELBOW W/UNION

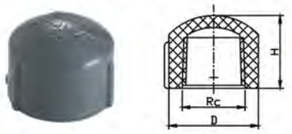
Nom Size	D	R(Rc)	d	L	H1	H2	D1
½″	30	½″	13.5	17	28	66.5	48



ITEM NO:TPF016

MF THREAD UNION

Nom Size	D1	D	R	d1	I	L
½″	48	30.2	½″	13.5	15	61
¾″	55	36.8	¾″	18	18	68
1″	55	45.5	1″	23	22	77



ITEM NO:TPF017

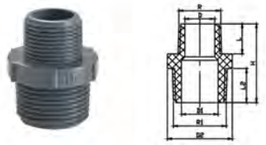
FEMALE THREAD CAP

Nom Size	D	H	Rc
½″	30	24.4	½″

ITEM NO:TPF018

FEMALE THREAD ELBOW WITH EAR

Nom Size	D	L	H	H1	H2	Rc
½″	30	17	28	52.5	56.6	½″



ITEM NO:TPF019

REDUCING NIPPLE

Nom Size	D	D1	D2	L	L1	H	R	R1
½″x ¾″	13.4	18.4	32.2	17	18.5	43.5	½″	¾″
1″x ¾″	18.4	22.6	40	18.5	21	48.5	¾″	1″
1¼″x 1″	22.6	31.4	47	21	22.5	52.5	1″	1¼″

ITEM NO:TPF020

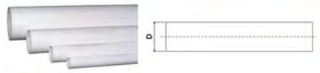
REDUCING FEMALE ELBOW

Nom Size	D	D1	L	L1	H	H1	R	R1
½″x ¾″	30	36.5	17	18.5	30.95	30.2	½″	¾″
1″x ¾″	36.5	44	18.5	22	34.5	36.5	¾″	1″

PVC-U PRESSURE PIPES& FITTINGS(SCH40)

PVC PRESSURE PIPES & FITTINGS (SCH40)

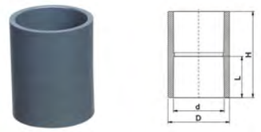
NSF



ITEM NO: US4001

PRESSURE PIPES

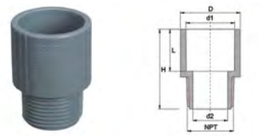
Nom Size	Outer Dia	Wall Thickness
1/2″	21.34	2.77
3/4″	26.67	2.87
1″	33.4	3.38
1 1/4″	42.16	3.56
1 1/2″	48.26	3.68
2″	60.33	3.91
2 1/2″	73.03	5.16
3″	88.9	5.49
4″	114.3	6.02
6″	168.3	7.11



ITEM NO: US4003

COUPLING

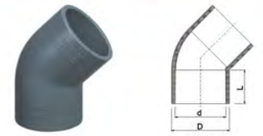
Nom Size	D	d	H	L
1/2″	27.5	21.34	40.7	19
3/4″	33.5	26.67	55.1	26
1″	40.9	33.4	57.4	27.5
1 1/4″	50.1	42.16	60.4	29
1 1/2″	56.6	48.26	70.4	34
2″	69	60.33	82.4	40
2 1/2″	84.4	73.03	94.8	45
3″	100.9	88.9	100.8	48
4″	127.3	114.3	112.8	54
6″	183.6	168.3	159.8	76.7



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



ITEM NO:US4E01

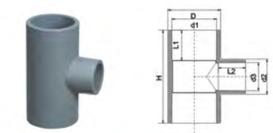
45° ELBOW

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

ITEM NO:US4F01

FEMALE PLUG

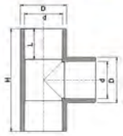
Nom Size	D	NPT	L	H
3/4″	33.5	3/4″	21.5	25.8
1″	40.9	1″	26.5	31.7
1 1/4″	50.1	1 1/4″	27.1	32.3
1 1/2″	56.6	1 1/2″	27.6	33.1
2″	69	2″	27.6	33.1



ITEM NO:US4T02

REDUCING TEE

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



ITEM NO:US4T01

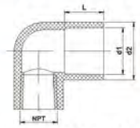
STRAIGHT TEE

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

ITEM NO:US4E04

FEMALE ELBOW

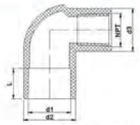
Nom Size	D	d	L	NPT
1/2"	27.8	21.34	19	1/2"
3/4"	33.8	26.67	26	3/4"
1"	40.9	33.4	27.5	1"
1 1/4"	50.1	42.16	29	1 1/4"
1 1/2"	56.6	48.26	34	1 1/2"
2"	69	60.33	40	2"



ITEM NO: US4E07

FEMALE ELBOW SHORT

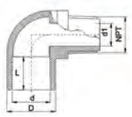
Nom Size	d1	d2	L	NPT
1/2"	27	33.3	22.3	1/2"



ITEM NO:US4E06

FEMALE ELBOW LONG

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



ITEM NO: US4E05

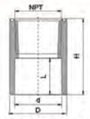
MALE THREAD ELBOW

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

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



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"

ITEM NO:US4T04

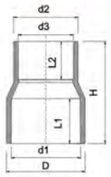
FEMALE TEE

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"

ITEM NO:US4T06

REDUCING FEMALE TEE

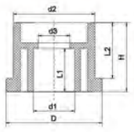
Nom Size	H	L1	L2	NPT	d1	d2	d3
3/4"X 1/2"	74	22.3	20	1/2"	33.3	27	28



ITEM NO: US4004

REDUCING COUPLING

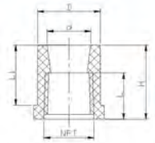
Nom Size	D	d1	d2	d3	H	L1	L2
3/4"× 1/2"	33.5	26.67	27.5	21.34	53.9	26	18.5
1"× 1/2"	40.9	33.4	27.5	21.34	53.7	27.5	19
1"× 3/4"	40.9	33.4	33.5	26.67	63.9	27.5	25.3
1 1/4"× 3/4"	50.1	42.16	33.5	26.67	64.4	29	26
1 1/4"× 1"	50.1	42.16	40.9	33.4	67.4	29	27.5
1 1/2"× 1/2"	56.6	48.26	27.5	21.34	65.4	34	19
1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



ITEM NO: US4005

REDUCING RING

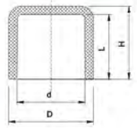
Nom Size	D	d1	d2	d3	H	L1	L2
3/4"× 1/2"	31.9	21.34	26.67	18.5	32.6	22.4	26
1"× 1/2"	40.3	21.34	33.4	16.3	34.1	22.4	27.2
1"× 3/4"	40.8	26.67	33.4	20.6	34.1	25.8	27.5
1 1/4"× 1/2"	48.8	21.34	42.16	16.3	36	22.4	28.7
1 1/4"× 3/4"	48.9	26.67	42.16	20.6	36	25.8	28.7
1 1/4"× 1"	48.9	33.4	42.16	26.9	36	27.5	28.7
1 1/2"× 1/2"	55.5	21.34	48.26	16.3	40.8	22.4	33.5
1 1/2"× 3/4"	55.5	26.67	48.26	20.6	40.8	25.8	33.5
1 1/2"× 1"	55.5	33.4	48.26	26.9	40.8	27	33.4
1 1/2"×1 1/4"	56.6	42.16	48.26	41.0	41	29	34
2"× 1/2"	68.4	21.34	60.33	16.3	47.4	22	39.6
2"× 3/4"	68.4	26.67	60.33	20.6	47.4	25.8	39.6
2"× 1"	68.4	33.4	60.33	27.3	47.4	27	39.6
2"× 1 1/4"	68.4	42.16	60.33	35.1	47.4	29	39.6
2"× 1 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



ITEM NO: US4015

FEMALE REDUCING RING

Nom Size	D	d	NPT	H	L	L1
3/4"× 1/2"	26.6	18.5	1/2"	32	20	26
1"× 1/2"	33.27	26.8	1/2"	34.1	20	27.5
1"× 3/4"	33.27	26.8	3/4"	34.1	20	27.5



ITEM NO: US4016

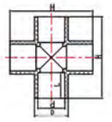
END PLUG

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
3"	101.3	88.9	49.5	57.2
4"	128	114.3	54	61.6
6"	184.4	168.3	80	89

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



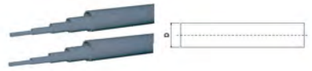
ITEM NO:US4C01

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

PVC PRESSURE PIPES & FITTINGS(SCH80)

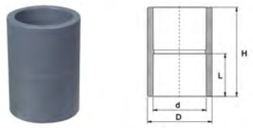
PVC PRESSURE PIPES & FITTINGS (SCH80)



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

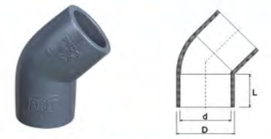
COUPLING

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

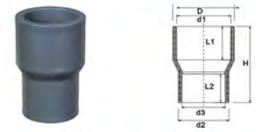
Size Nom	D1	D	d	H	L	G
1/2″	30.4	29.4	21.34	44.2	22.7	1/2″
3/4″	36.1	35.1	26.67	48.9	25.9	3/4″
1″	44.1	43.1	33.4	54.5	29.1	1″
1 1/4″	53.4	52.4	42.16	63.1	32.3	1 1/4″
1 1/2″	60	59	48.26	69.7	35.4	1 1/2″
2″	73	72	60.33	76.1	38.6	2″



ITEM NO:US8E01

45° ELBOW

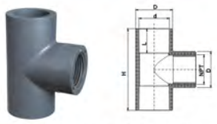
Size Nom	D	d	L
1/2″	29.3	21.34	22.7
3/4″	35.1	26.67	25.9
1″	43.1	33.4	29.1
1 1/4″	52.4	42.16	32.3
1 1/2″	59	48.26	35.4
2″	72.5	60.33	38.6
2 1/2″	87.8	73.03	45
3″	104.9	88.9	48.1
4″	132.4	114.3	57.6
6″	191.2	168.3	76.7
8″	247.2	219.08	102.6
10″	305.9	273.05	128
12″	361.5	323.85	153.5



ITEM NO:US8004

REDUCING COUPLING

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



ITEM NO:US8T04

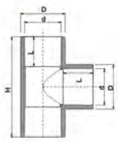
FEMALE TEE

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″

ITEM NO: US8E02

90° ELBOW

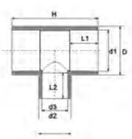
Size Nom	D	d	L
1/2"	29.8	21.34	22.7
3/4"	35.6	26.67	25.9
1"	43.1	33.4	29.1
1 1/4"	52.4	42.16	32.3
1 1/2"	59	48.26	35.4
2"	72	60.33	38.6
2 1/2"	87.8	73.03	45
3"	104.9	88.9	48.1
4"	132.4	114.3	56.6
6"	190.9	168.3	76.7
8"	247.2	219.08	102.6
10"	305.9	273.05	128
12"	361.5	323.85	153.5



ITEM NO: US8T01

STRAIGHT TEE

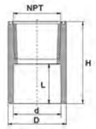
Size Nom	D	d	L	H
1/2"	29.3	21.34	22.4	70.8
3/4"	35.4	26.67	25.9	82.4
1"	43.1	33.4	29.1	97.6
1 1/4"	52.4	42.16	32.3	110.9
1 1/2"	59	48.26	35.4	122.7
2"	72	60.33	38.6	142.7
2 1/2"	87.8	73.03	45	168.2
3"	104.9	88.9	48.1	190.2
4"	132.4	114.3	57.6	235.6
6"	191.2	168.3	76.7	333.2
8"	247.2	219.08	102.6	445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



ITEM NO: US8T02

REDUCING TEE

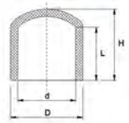
Size Nom	D	d1	d2	d3	L1	L2	H
3/4"×1/2"	35.5	26.67	30	21.34	25.9	22.7	79.1
1"×1/2"	43.1	33.4	29.3	21.34	29.1	22.7	80.5
1"×3/4"	43.1	33.4	35.1	26.67	29.1	25.9	91
1 1/4"×1/2"	52.4	42.16	29.3	21.34	32.3	22.7	92.2
1 1/4"×3/4"	52.4	42.16	35.1	26.67	32.3	25.9	97.3
1 1/4"×1"	52.4	42.16	43.1	33.4	32.3	29.1	105.8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



ITEM NO: US8011

FEMALE ADAPTOR

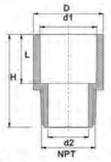
Size Nom	D	d	H	L	NPT
1/2"	32.5	21.34	45.7	22.7	1/2"
3/4"	38.1	26.67	54.8	25.9	3/4"
1"	46	33.4	58.7	29.1	1"
1 1/4"	55.9	42.16	64.3	32.3	1 1/4"
1 1/2"	63.5	48.26	70.9	35.4	1 1/2"
2"	76.2	60.33	74.6	38.6	2"
2 1/2"	87.8	73.03	92.3	45	2 1/2"
3"	104.9	88.9	97.9	48.1	3"
4"	132.4	114.3	109.9	57.6	4"
6"	191.2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



ITEM NO: US8016

END PLUG

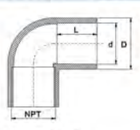
Size Nom	D	d	L	H
1/2"	29.3	21.34	22.7	39.7
3/4"	35.1	26.67	25.9	33.7
1"	43.1	33.4	29.1	33.8
1 1/4"	52.4	42.16	32.3	43
1 1/2"	59	48.26	35.4	45.8
2"	72	60.33	38.6	51.8
2 1/2"	87.58	73.38	44.95	56.85
3"	33.3	25	19.5	25
4"	41	32	22.5	30
6"	33.3	25	19.5	25



ITEM NO: US8012

MALE ADAPTOR

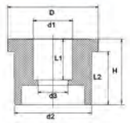
Size Nom	D	d1	d2	NPT	H	L
1/2"	30	21.34	9.4	1/2"	46.5	23.2
3/4"	35.8	26.67	14	3/4"	55.9	25.9
1"	44	33.4	18.8	1"	61	29.1
1 1/4"	53	42.16	26.8	1 1/4"	65.5	32.5
1 1/2"	60	48.26	32.4	1 1/2"	70.9	35.4
2"	73	60.33	43.3	2"	76.7	38.6
2 1/2"	88.2	73.03	51.0	2 1/2"	93.2	44.8
3"	104.9	88.9	66.0	3"	99.0	48.1
4"	132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



ITEM NO: US8E04

FEMALE ELBOW

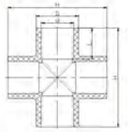
Size Nom	D	d	L	NPT
1/2"	32.5	21.34	22.7	1/2"
3/4"	38.1	26.67	25.9	3/4"
1"	46	33.4	29.1	1"
1 1/4"	55.9	42.16	32.3	1 1/4"
1 1/2"	63.5	48.26	35.4	1 1/2"
2"	76.2	60.33	38.6	2"



ITEM NO: US8005

REDUCING RING

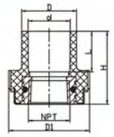
Size Nom	D	d1	d2	d3	L1	L2	H
3/4"×1/2"	35	21.34	26.67	14	22.2	26	32.4
1"×1/2"	43	21.34	33.4	14	22.2	29	35.6
1"×3/4"	43	26.67	33.4	18	26	29	35.6
1 1/4"×1/2"	52.4	21.34	42.16	13.5	22.7	31.5	40
1 1/4"×3/4"	52.4	26.64	42.16	17.8	25.9	31.5	40
1 1/4"×1"	52.4	33.4	42.16	24	29.1	31.5	40
1 1/2"×1/2"	59	21.34	48.26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



ITEM NO: US8C001

CROSS TEE

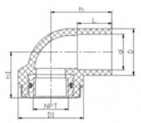
Size Nom	D	d	L	H
1/2"	29.4	21.34	23	71
3/4"	35	26.67	26	82.5
1"	43	33.4	29	97.5
1 1/4"	52	42.16	32	111
1 1/2"	59	48.26	35	124
2"	72	60.33	39	143



ITEM NO:UP8S015

FEMALE ADAPTOR WITH BRASS

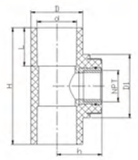
Nom Size	D1	D	d	L	NPT	H
1/2″	45.3	29.4	21.34	23	1/2″	40.5
1/2″×3/4″	51.6	29.4	21.34	23	3/4″	43.5
3/4″	51.6	35	26.67	26	3/4″	46.5
3/4″×1/2″	45.3	35	26.67	26	1/2″	44.5
1″	59	43	33.4	29	1″	53.5
1″×3/4″	51.6	43	33.4	29	3/4″	50



ITEM NO:UP8S016

FEMALE ELBOW WITH BRASS

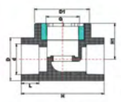
Nom Size	D1	D	d	L	NPT	h	h1
1/2″	42.9	29.4	21.34	23	1/2″	39.4	28
1/2″×3/4″	49.2	29.4	21.34	23	3/4″	38.5	31.5
3/4″	49.2	35	26.67	26	3/4″	45.9	34.5
3/4″×1/2″	42.9	35	26.67	26	1/2″	39.5	30.5
1″	56.7	43.54	34.05	29.08	1″	50	41
1 1/4″	67	52	42.16	32	1 1/4″	60	46.5
1 1/2″	73	59	48.26	35	1 1/2″	66	51
2″	87.6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



ITEM NO: UP8S017

FEMALE TEE WITH BRASS

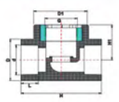
Nom Size	D1	D	d	L	NPT	h	h1
1/2″	42.9	29.4	21.34	23	1/2″	28	77
1/2″×3/4″	49.2	29.4	21.34	23	3/4″	31.5	77
3/4″	49.2	35	26.67	26	3/4″	34.5	92
3/4″×1/2″	42.9	35	26.67	26	1/2″	30.5	79
1″	56.7	43.54	34.05	29.08	1″	41	100
1 1/4″	67	52	42.16	32	1 1/4″	46.5	120
1 1/2″	73	59	48.26	35	1 1/2″	51	132
2″	87.6	72	60.33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



ITEM NO:UP8S012

PVC STOP VALVE TYPE I

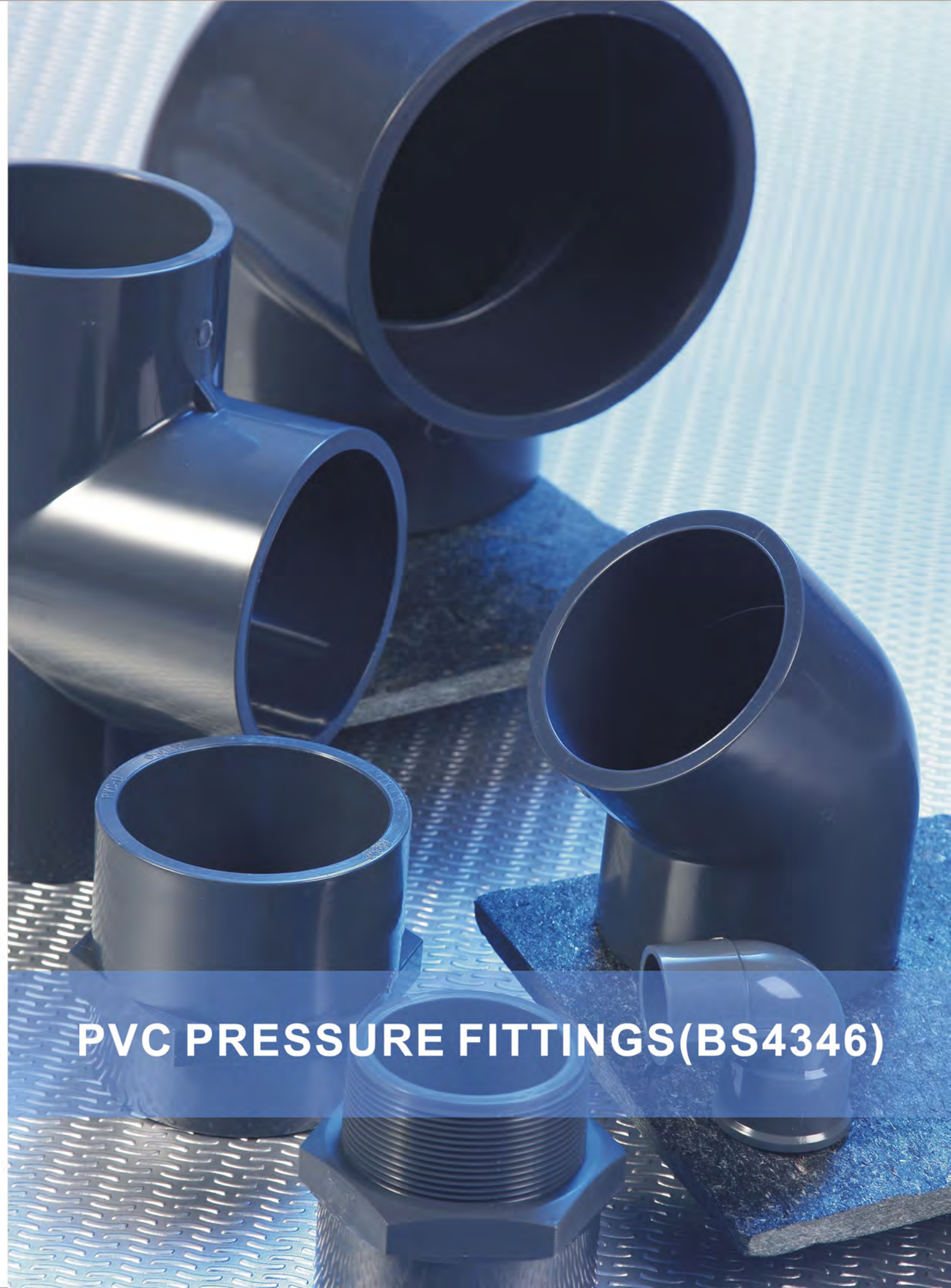
Nom Size	D	d	G	L	H	D1	H1
20X1/2″	29.8	21.34	1/2″	22.7	80	35	30
25X3/4″	36	26.99	3/4″	24	82	42	
32X1″	43.7	33.7	1″	25	93	51.7	39



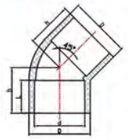
ITEM NO: UP8S013

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



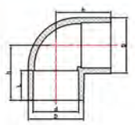
PVC PRESSURE FITTINGS(BS4346)



ITEM NO:BS001

45° ELBOW

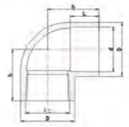
Size Nom	D	d	L	h
1/2"	28.5	21.34	17	23.14
3/4"	34.5	26.67	20	27.18
1"	41.7	33.4	23	32
1 1/4"	51.4	42.16	27.5	38.28
1 1/2"	59.8	48.26	30.5	43
2"	74	60.33	36.5	52
3"	105.7	88.9	51	73
4"	134.5	114.3	63.5	92.5
6"	196.7	168.3	91	132



ITEM NO:BS002

90° ELBOW

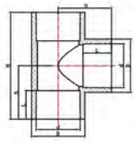
Size Nom	D	d	L	h
1/2"	28.5	21.34	17	30
3/4"	34.5	26.67	20	35.5
1"	41.7	33.4	23	42
1 1/4"	51.4	42.16	27.5	51
1 1/2"	59.8	48.26	30.5	58.5
2"	74	60.33	36.5	71
3"	105.7	88.9	51	102
4"	134.5	114.3	63.5	127.5
6"	196.7	168.3	91	183.5



ITEM NO:BS003

FEMALE ELBOW

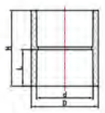
Size Nom	D	d	L	h	Rc
1/2"	28.5	21.34	17	28.25	1/2"
3/4"	34.5	26.67	20	34.25	3/4"
1"	41.7	33.4	23	39.35	1"
1 1/4"	51.4	42.16	27.5	48.8	1 1/4"
1 1/2"	59.8	48.26	30.5	54.1	1 1/2"
2"	74.5	60.33	36.5	67.75	2"



ITEM NO:BS004

TEE

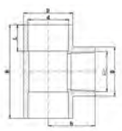
Size Nom	D	d	L	H	h
1/2"	28.5	21.34	17	59	29.5
3/4"	34.5	26.67	20	71	35.5
1"	41.7	33.4	23	84	42
1 1/4"	51.4	42.16	27.5	103	51.5
1 1/2"	59.8	48.26	30.5	117	58.5
2"	74.5	60.33	36.5	143	71.5
3"	105.7	88.9	51	202.7	101.35
4"	134.5	114.3	63.5	255	127.5
6"	196.7	168.3	91	367	183.5



ITEM NO:BS007

COUPLING

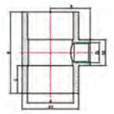
Size Nom	D	d	L	h
1/2"	27.5	21.34	17	36
3/4"	33.5	26.67	20	42
1"	40.7	33.4	23	48
1 1/4"	50.4	42.16	27.5	57
1 1/2"	59.4	48.26	30.5	64
2"	74	60.33	36.5	77
3"	103.5	88.9	51	109
4"	134.5	114.3	63.5	132
6"	194.7	168.3	91	188



ITEM NO:BS005

FEMALE TEE

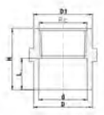
Size Nom	D	d	L	H	h	Rc
1/2"	28.5	21.34	17	56.5	28.25	1/2"
3/4"	34.5	26.67	20	68.5	34.25	3/4"
1"	41.7	33.4	23	80	39.35	1"
1 1/4"	51.4	42.16	27.5	97.6	48.8	1 1/4"
1 1/2"	59.8	48.26	30.5	109	54.1	1 1/2"
2"	74.5	60.33	36.5	135.5	67.75	2"



ITEM NO:BS006

FEMALE REDUCING TEE

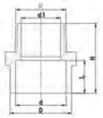
Size Nom	D1	D2	d	L	H	h	G
1"× 1/2"	41.7	28.5	33.69	23	69.6	35	1/2"
1 1/2"×1/2"	59.8	28.5	48.38	30.5	85.5	42	1/2"
2"× 1/2"	74.5	28.5	60.5	36.5	102	51	1/2"
2"× 3/4"	74.5	34	60.33	36.5	107.38	52.36	3/4"



ITEM NO:BS009

FEMALE ADAPTOR

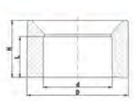
Size Nom	D	D1	d	L	H	Rc
1/2"	28.5	28.5	21.34	17	35.5	1/2"
3/4"	34.5	34.5	26.67	20	41	3/4"
1"	41.7	41.7	33.4	23	45.6	1"
1 1/4"	51.4	51.4	42.16	27.5	53.7	1 1/4"
1 1/2"	59.8	59.4	48.26	30.5	62	1 1/2"
2"	74	76	60.33	36.5	76	2"
3"	103.5	105	88.9	51	100	3"
4"	134.5	136	114.3	63.5	120	4"
6"	196.7	196.7	168.3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



ITEM NO:BS010

MALE ADAPTOR

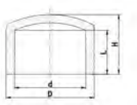
Size Nom	D	d	d1	L	H	Rc
1/2"	28.5	21.34	12.2	17	41.5	1/2"
3/4"	34.5	26.67	16	20	46.5	3/4"
1"	41.7	33.4	23	23	55	1"
1 1/4"	51.4	42.16	33	27.5	58.5	1 1/4"
1 1/2"	59.8	48.26	37	30.5	63	1 1/2"
2"	74	60.33	47	36.5	75	2"
3"	103.5	88.9	72	51	99	3"
4"	134.5	114.3	94	63.5	122	4"
6"	196.7	168.3	136.6	91	157.5	6"



ITEM NO:BS008

REDUCING BUSH

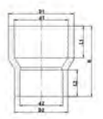
Size Nom	D	d	L	H
3/4"× 1/2"	26.67	21.34	17	20
1"× 1/2"	33.4	21.34	17	23
1"× 3/4"	33.4	26.67	20	23
1 1/4"× 1/2"	42.16	21.34	17	27.5
1 1/4"× 3/4"	42.16	26.67	20	27.5
1 1/4"× 1"	42.16	33.4	23	27.5
1 1/2"× 1/2"	48.26	21.34	17	30.5
1 1/2"× 3/4"	48.26	26.67	20	30.5
1 1/2"× 1"	48.26	33.4	23	30.5
1 1/2"×1 1/4"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

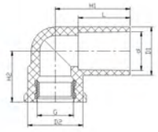


ITEM NO:BS012

REDUCING COUPLING

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

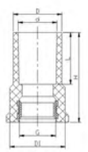
PVC PRESSURE FITTINGS JIS STANDARD



ITEM NO:PJS001

FEMALE BRASS ELBOW

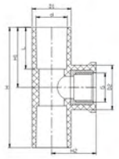
Size Nom	D1	D2	d	L	H1	H2	G
18(½″)	28	32	22.4	30	43.25	29.5	½″
20(¾″)	33.05	37.8	23.6	35	51	36	¾″



ITEM NO:PJS002

FEMALE BRASS COUPLING

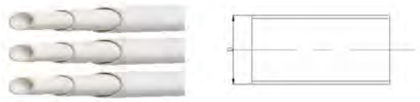
Size Nom	D	d	D1	G	L	H
18(½″)	28	22.4	32	½″	30	52
20(¾″)	33.05	26.45	37.8	¾″	35	60



ITEM NO:PJS003

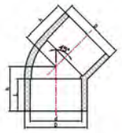
FEMALE BRASS TEE

Size Nom	D1	D2	d	L	H1	H2	H	G
18(½″)	28	32	22.4	30	43.25	32	86.5	½″
20(¾″)	33.05	37.8	26.45	35	50.15	37.5	100.3	¾″



PRESSURE PIPES

Size Nom	Outer Dia	Thickness	Thickness	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

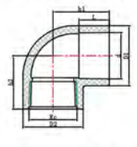
45° LBOW

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: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

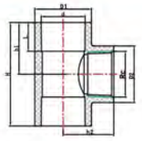
Size Nom	D1	D2	d	L	h1	h2	Rc
15x1/2"	28.3	28.300	19.90	20.00	31	31	1/2"
20x1/2"	33.6	28.300	27.20	22.00	34	33	1/2"
20x3/4"	34.6	34.600	27.20	22.00	36	36	3/4"
25x1/2"	40.6	28.300	34.00	24.00	37	37	1/2"
25x3/4"	40.6	34.600	34.00	24.00	39	39	3/4"
25x1"	41.6	41.600	34.00	24.00	42	42	1"
32x1¼"	51.7	51.700	42.70	29.00	51	48	1¼"
40x1½"	59.3	59.300	48.70	32.00	57	51	1½"

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

PVC PRESSURE PIPES & FITTINGS AS/NZS1477



ITEM NO:AUST04

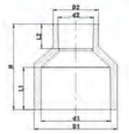
FEMALE THREAD TEE

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"
40x1½"	59.3	59.300	48.70	32.00	56.9	51.2	113.8	1½"
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

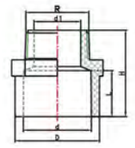
Size Nom	D1	d1	L1	h1	D2	d2	L2	h2	H
20x15	33.6	27.200	22.00	31.95	27	22	20	35	70
25x20	40.6	34.000	24.00	39.50	34	27	22	41	79
32x20	50.7	42.700	29.00	44.50	34	27	22	45	89
32x25	50.7	42.700	29.00	48.00	41	34	24	48	96
40x15	58.3	48.700	32.00	45.95	27	22	20	47	92
40x20	58.3	48.700	32.00	48.00	34	27	22	48	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:AUS004

REDUCING COUPLING

Size Nom	D1	d1	L1	D2	d2	L2	H
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



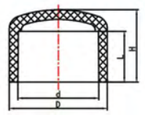
ITEM NO:AUS012

VALVE TAKE OFF ADAPTOR (PIPE INTO 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"
32x1¼"	50.7	42.700	30.40	29.00	57	1¼"
40x1"	58. 3	48. 700	23. 20	32.00	58	1 "
40x1½"	58.3	48.700	34.60	32.00	60	1½"
40x1¼"	58.3	48.700	30.40	32.00	60	1¼"
50x2"	70.8	60.800	45.80	38.00	69	2"
65x2½"	87.8	75.800	59.80	46.00	82	2½"
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

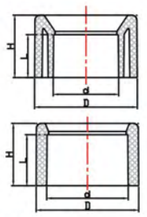
WaterMark



ITEM NO:AUS016

END PLUG

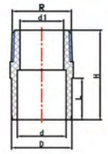
Size Nom	D	d	L	H
15	27.3	21.700	20.00	28.77
20	33.6	27.200	22.00	32.40
25	40.6	34.000	24.00	35.30
32	50.7	42.700	29.00	42.38
40	58.3	48.700	32.00	47.06
50	70.8	60.800	38.00	54.88
65	87.8	75.800	46.00	65.87
80	103.4	89.400	52.00	76.14
100	133	115.000	62.00	92.87
125	162.9	140.900	85.00	122.10
150	185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



ITEM NO:AUS005

REDUCING RING

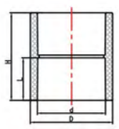
Size Nom	D	d	L	H
20x15	27.200	21.70	20.00	22
25x15	34.000	21.70	20.00	24
25x20	34.000	27.20	22.00	24
32x25	42.700	34.00	24.00	29
40x25	48.700	34.00	24.00	32
40x32	48.700	42.70	29.00	32
50x25	60.800	34.00	24.00	38
50x40	60.800	48.70	32.00	38
65x50	75.800	60.80	38.00	46
80x50	89.400	60.80	38.00	52
100x50	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:AUS017

VALVE TAKE OFF ADAPTOR(SOCKET INTO PIPE)

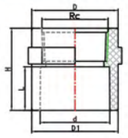
Size Nom	D	d	d1	L	H	R
15x1/2"	21.2	15.60	13.40	20	44	1/2"
20x3/4"	26.6	20.20	17.60	22	48	3/4"
25x1"	33.4	26.80	23.20	24	55.5	1"
32x1¼"	42.1	34.10	30.40	29	62.5	1¼"
40 x 1½"	48.1	38.50	34.60	32	66	1½"
50 x 2"	60.2	50.20	45.80	38	77	2"
65x2½"	75.2	63.20	59.80	53	89	2½"
80 x 3"	88.7	74.70	69.50	52	100	3"



ITEM NO:AUS003

COUPLING

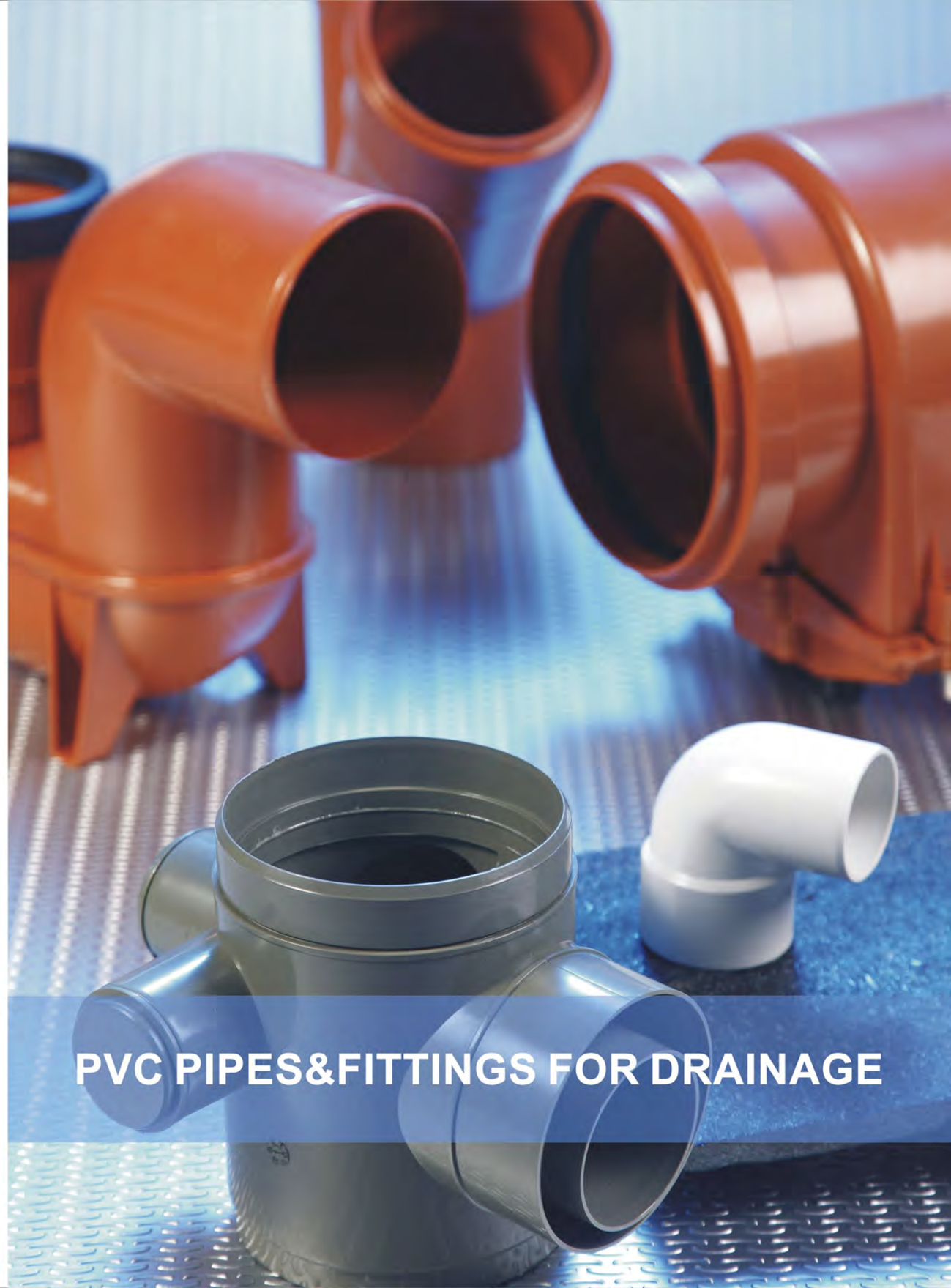
Size Nom	D	d	L	H
15	27.300	21.70	20.00	43
20	33.600	27.20	22.00	47
25	40.600	34.00	24.00	51
32	50.700	42.70	29.00	61
40	58.300	48.70	32.00	68
50	70.800	60.80	38.00	80
65	87.800	75.80	46.00	96
80	103.400	89.40	52.00	108
100	133.000	115.00	62.00	128
150	185.000	161.00	89.00	182



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"
32x1¼"	51.7	51.700	42.70	29.00	56	1¼"
40x1½"	59.3	59.300	48.70	32.00	60	1½"
50x2"	71.8	71.800	60.80	38.00	69	2"
65x2½"	88.8	88.800	75.80	46.00	80.5	2½"
80x3"	104.4	104.400	89.40	52.00	90	3"
100x4"	134	134.000	115.00	62.00	106	4"



PVC DRAINAGE PIPES & FITTINGS BS1329/BS1401

ITEM NO: UD001

DRAINAGE PIPES THE METRIC 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

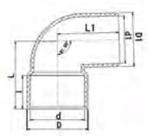
DRAINAGE PIPES THE BS SYSTEM

Nom Size	Outer Dia	Wall Thickness
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
25"×¾"	33.3	25	43	¾"	19.5

ITEM NO: UDE003

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 ½"	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

90° ELBOW BS

Nom Size	D	d	L
1 ¼"	42.5	36.3	24.5
1 ½"	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

PVC PIPES&FITTINGS FOR DRAINAGE BS1329 BS1401

ITEM NO: UDE002

90° ELBOW (WITH INSPECTION PORT) DIN

Nom Size	D	d	L	G	d1
50	58.4	50	25	M45×2	38.8
75	83.5	75	40	M45×2	38.2
110	120.6	110	48	M72×2	63.5
160	173.6	160	58	M72×2	63.5

90° ELBOW (WITH INSPECTION PORT) BS

Nom Size	D	d	L	G	d1
2 "	62	55.9	29	M45×2	38.8
3 "	91.2	82.6	40	M45×2	38.2
4 "	120.6	110	48	M72×2	62.8
6 "	173.6	160	58	M72×2	61.2

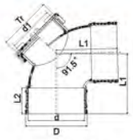
ITEM NO: UD002

INSPECTION PORT DIN

Nom Size	D	d	L	G	d1	H
50	58.4	50	25	M45×2	38.8	111
75	83.5	75	40	M72×2	63.5	168.8
110	120.6	110	48	M105×3	96.5	230
160	173.6	160	58	M105×3	94.3	275
200	216	200	70	M145×4	134	335
250	266.6	250	75	M145×4	133	361

INSPECTION PORT BS

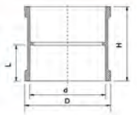
Nom Size	D	d	L	G	d1	H
2 "	62	55.9	29	M45×2	38.8	111
3 "	91.2	82.6	40	M72×2	63.5	168.8
4 "	120.6	110	48	M105×3	96.5	230
6 "	173.6	160	58	M105×3	94.3	275
8 "	216	200	70	M145×4	134	335
10 "	266.6	250	75	M145×4	133	361



ITEM NO: UDE005

90° DOOR ELBOW BS

Nom Size	D	d	L2	Tr	d1	L1
3 "	92.5	82.6	43	Tr76×4	66.5	96
4 "	120	110	51.3	Tr104×4	90.4	119.3



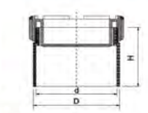
ITEM NO: UD003

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 ½"	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 ¼"	36.3	40
1 ½"	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
75×50	83.5	75	40	138	58.4	50	25
110×50	120.6	110	48	155	58.4	50	25
110×75	120.6	110	48	185	83.5	75	40
160×110	173.6	160	58	238	120.6	110	48
200×160	216	200	70	320	173.6	160	58
250×200	266.6	250	75	382.9	214.6	200	70

REDUCING DOWNSTREAM TEE BS

Nom Size	D	d	L	H	D1	d1	L1
3"×2"	91.2	82.6	40	138	62	55.9	29
4"×2"	120.6	110	48	155	62	55.9	29
4"×3"	120.6	110	48	185	91.2	82.6	40
6"×4"	173.6	160	58	238	120.6	110	48
8"×6"	216	200	70	320	173.6	160	58
10"×8"	266.6	250	75	382.9	216	200	70

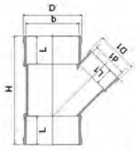
ITEM NO: UDT003

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

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
75×50	83.5	75	40	154	58.4	50	25
110×50	120.6	110	48	174	58.4	50	25
110×75	120.6	110	48	208	83.5	75	40
160×110	173.6	160	58	279.5	120.6	110	48

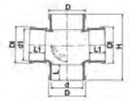
REDUCING SKEW TEE BS

Nom Size	D	d	L	H	D1	d1	L1
4"×2"	120.6	110	48	174	62	55.9	29
6"×4"	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
1½"×1¼"	47.2	42.9	29	40.5	36.3	20	60
2"× 1¼"	60.5	55.9	29	40.45	36.45	20	65
2"×3/4"	60.5	55.9	29	30	27	19.5	59.5
3"×2"	88.1	82.6	40	60.5	55.9	29	98
4"×2"	116.9	110	50	60.5	55.9	29	108
4"×3"	116.9	110	50	88.1	82.6	40	120



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
160	173.6	160	58	296	173.6	160	58
75×50	83.5	75	40	138	58.4	50	25
110×50	120.6	110	48	155	58.4	50	25
110×75	120.6	110	48	185	83.5	75	40
160×110	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"×2"	91.2	82.6	40	138	62	55.9	29
4"×2"	120.6	110	48	155	62	55.9	29
6"×4"	216	200	70	238	120.6	110	48

ITEM NO: UDC002

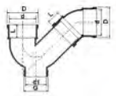
CUBIC CROSS DIN

Nom Size	D	d	L	H
110	120.6	110	48	219

ITEM NO: UDC003

SKEW CROSS DIN

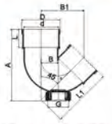
Nom Size	D	d	L	H
110	120.6	110	48	219



ITEM NO: UDS003

P-TRAP DIN

Nom Size	D	d	L	d1	G
50	58.4	50	25	38.8	M45×2
75	83.5	75	40	38.2	M45×2
110	120.6	110	48	63.5	M72×2
160	173.6	160	58	63.5	M72×2



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	M45×2	86.3
75	83.5	75	40	158.2	37.5	93	M45×2	131.5
110	120.6	110	48	218.2	55	129.2	M72×2	182.7

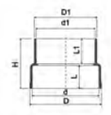
DOUBLE SOCKET TRAP BS

Nom Size	D	d	L	A	B	B1	G	L1
2"	62	55.9	29	106.5	25	61	M45×2	86.3
3"	91.2	82.6	40	158.2	37.5	93	M45×2	131.5
4"	120.6	110	48	218.2	55	129.2	M72×2	182.7
6"	173.6	160	58	275	80	179.4	M72×2	253.7

ITEM NO: UDS001

SINGLE SOCKET TRAP DIN

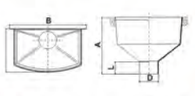
Nom Size	D	d	L	d1	d2	G
50	58.4	50	25	38.8	50	M45×2
75	83.5	75	40	38.2	75	M45×2
110	120.6	110	48	63.5	110	M72×2
160	173.6	160	58	63.5	160	M72×2



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

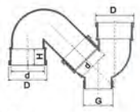
SQUARE RAIN WATER HOPPER DIN

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

ITEM NO: UD009

WATER BASIN CONNECTOR DIN

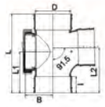
Nom Size	d	D	G	L	L1
50×40	50.0	54.4	G1½"	25	55
50×50	50.0	54.4	G2"	25	55



ITEM NO: UDS004

S-TRAP DIN

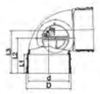
Nom Size	D	d	H	G
50	58.4	50	25	M45×2
75	83.5	75	40	M45×2
110	120.6	110	48	M72×2



ITEM NO:UDT008

DOOR TEE

Nom Size	D	B	I	L	L1	L2
	110	86.5	51.3	250.3	130.2	142.1
	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

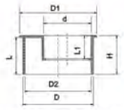
ITEM NO: UD015

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
75×50	75	50	40	82.1	70.4	25	42
110×50	110	50	48	119.4	103.4	25	50
110×75	110	75	48	119	103.4	40	50
160×110	160	110	58	171.6	151.8	48	60
200×160	200	160	70	213	190.9	58	73
250×200	250	200	75	260.6	239.9	70	80

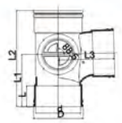
REDUCING BUSHES BS

Nom Size	D	d	L	D1	D2	L1	H
2"×1½"	55.9	42.9	29	62	50.4	22.5	31
3"×2"	82.6	55.9	40	91.2	76.9	29	42
4"×1½"							
4"×2"	110	55.9	48	119.4	104	29	50
4"×3"	110	82.6	48	119.4	82.6	40	50
6"×4"	160	110	58	171.6	152	48	60
8"×6"	200	160	70	213	190.9	58	73
10"×8"	250	200	75	260.6	239.9	70	80

ITEM NO: UD014

EXTENSION JOINT DIN

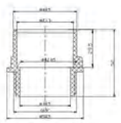
Nom Size	D	L	L1
50	50	25	62
75	75	40	94.3
110	110	48	112.2
160	160	58	146
200	200	70	171.5



ITEM NO:UDT007

TEE WITH SIDE PORT

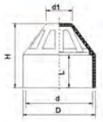
Nom Size	d	D	L	L1	L2	L3
110	110	121	52	130.1	239	136.6



ITEM NO:UD0030

MALE SOCKET

Nom Size	D1	D	d	d1	L	H	G
11/2"	58.5	48.5	42.9	38.5	29.5	52	11/2"
2"	71	61.5	55.9	51.5	31.8	54.5	2"



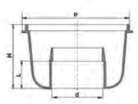
ITEM NO: UD007

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

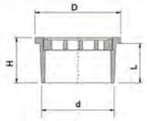
II - FLOOR DRAIN DIN

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



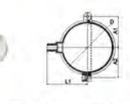
ITEM NO: UDD004

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

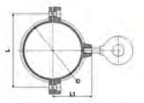
II-LIFTING LUG DIN

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

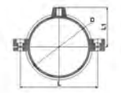
Nom Size	d	D	D1	L	H
3"	82	90	129	57.5	102.5
4"	110	119	175	69	128.5



ITEM NO: UD011

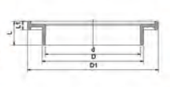
LIFTING LUG DIN

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



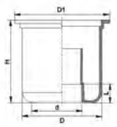
ITEM NO: UD010

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

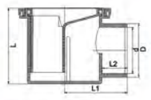
Nom Size	d	D	D1	L	L1
50	50	54.2	73	15	5
75	75	70.4	105.6	20.5	7
110	110	117.0	140	20.5	7



ITEM NO: UDD002

HIGH-DEEP FLOOR DRAIN DIN

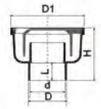
Nom Size	D	d	L	H	D1
50	99.2	50	25	104.5	119
75	124	75	40	104.5	114.2



ITEM NO:UDD008

JNL FLOOR DRAIN DIN

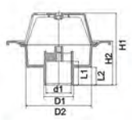
Nom Size	D	d	L	L1	L2
50	58.3	50	82.2	67.6	27.4



ITEM NO: UDD005

SQUARE FLOOR DRAIN DIN

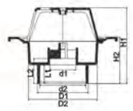
Nom Size	D	d	L	H	D1
50	54.4	50	25	75	105
110	117	110	48	104.4	182.4



ITEM NO:UDD020

ROOF DRAIN

Nom Size	d1	D1	D2	L1	L2	H1	H2
75×63	63.0	75	164.9	60	45	111.6	181.7



ITEM NO:UDD021

ROOF DRAIN

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

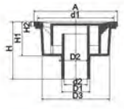
CATCH BASIN

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

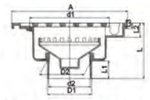
Nom Size	D	d	L	H	d1
110	116.7	112	60.2	87.7	103.5



ITEM NO:UDD015

MALE FLOOR DRAIN DIN

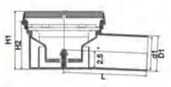
Nom Size	d1	d2	D1	D2	D3	A	H	H1	H2
40	94	34.6	40	40.3	92.2	99	93	61	7.5
50×40	134	40.4	50	50.3	118.3	146	100.5	60	8
75×63	179.3	63.2	75	75.3	164	198.5	109.2	64.5	8
110	179.3	98	110	110.3	164	198.5	107.2	64.5	8



ITEM NO:UDD023

APPLE GRATING (PP MATERIAL) BS

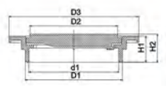
Nom Size	d1	d2	D1	D2	A	L	L1	L2	L3
2″	100.4	52.8	55.9	56.3	147	70.5	22.4	18	7



ITEM NO:UDD011

FLOOR DRAIN(SNOW FLAKE) DIN

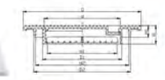
Nom Size	d1	D1	H1	H2	L
50	45.3	50	80.3	66	115.9



ITEM NO:UDD010

FLOOR DRAIN COVER BS

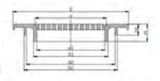
Nom Size	d1	D1	D2	D3	H1	H2
15×15 (mm)	101.96	110	99.5	147	29.4	31.8



ITEM NO:UDD010-1

FLOOR DRAIN COVER BS

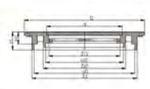
Nom Size	D	d	D1	d1	D2	d2	H1	H
15×15 (mm)	149	96	100	88	122.7	117.2	15	23



ITEM NO:UDD010-2

FLOOR DRAIN COVER BS

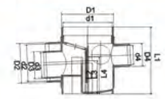
Nom Size	D	d	D1	d1	D2	d2	H1	H
15×15 (mm)	150	97	94	86	122.7	117.2	15	22



ITEM NO:UDD048

FLOOR DRAIN COVER BS

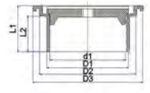
Nom Size	D	d	D1	d1	D2	d2	D3	H	H1
20x20 (mm)	200.5	126.5	175.5	168	137.5	129.5	118.5	30	20



ITEM NO:UDD009

FLOOR DRAIN BS

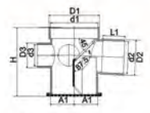
Nom Size	D1	d1	D2	d2	D3	d3	D4	d4	L1	L2	L3	L4
4″×3″ ×2″×1½″	116.8	110	89	82.6	60.6	55.9	51.5	42.9	150.2	69.44	74.61	83.12



ITEM NO:UDD022

FLOOR DRAIN COVER WITH STAINLESS COVER BS

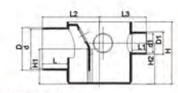
Nom Size	d1	D1	D2	D3	L1	L2
4″	102.5	110	130	145.6	62	48



ITEM NO:UDD012

FLOOR DRAIN

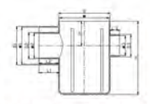
Nom Size	d1	D1	d2	D2	d3	D3	L1	A1	H
110X75X50 X50X50	110.7	117.5	75	82.4	50	57.7	51	57.5	157



ITEM NO:UDD007

FLOOR DRAIN

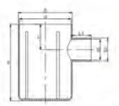
Nom Size	d	D	d1	D1	L	L1	L2	L3	H	H1	H2
160X110X50	102.2	110	50	58.2	65.1	37.5	147.5	121.5	90.9	105.9	160.8



ITEM NO:UDD040

FLOOR TRAP WITH COVER

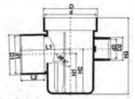
Nom Size	D	d	D1	d1	D2	d2	D3	d3	L	L2	L3	h	H
100X75X50X40	105.6	101.6	79	75	54	50	46	40	42	40	20.5	50	150



ITEM NO:UDD041

GULLEY TRAP LOWER TYPE DIN STANDARD

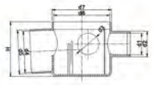
Nom Size	D	d	D1	d1	L1	h	H
100X50X40	105.6	101.6	46	40	39	50	150



ITEM NO:UDD024

FLOOR DRAIN

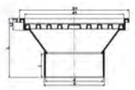
Nom Size	D	d	D1	d1	D2	d2	L1	L2	H1	H2	H3
4″x3″	116.8	110.4	89	82.6	51	43.3	108	51.5	90.3	100.1	169



ITEM NO:UDD027

GULLY TRAP LOWER TYPE

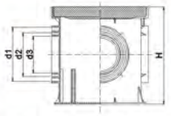
Nom Size	d1	d2	d3	d4	d5	d6	d7	H
4x3x2x1½″	43.2	51.5	43.2	82.9	88.4	110.5	117	109.8



ITEM NO: UDD026

FLOOR DRAIN

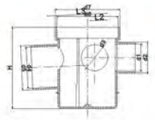
Nom Size	D	d	D1	d1	I	L1	L2	L
6"X4"	117	110	210	190	46.5	7.5	22.7	115.5



ITEM NO:UDD028

CATCH BASIN SQARE

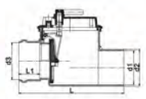
Nom Size	H	d1	d2	d3
200×200	199	110	90	75



ITEM NO:UDD029

FLOOR TRAP

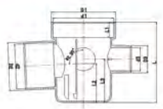
Nom Size	d1	d2	d3	d4	d5	d6	d7	H
110X75X50	50.6	57	48	75.6	81.8	110.5	116.8	150



ITEM NO:UDD030

DRANAGE NON-RETURN VALVE

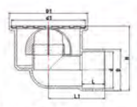
Nom Size	d1	d2	d3	L	L1
110	102	110	110.6	306.8	61.3
160	154.2	160	160.6	325.7	74
200	190	200	204	451	84



ITEM NO:UDD034

BH FLOOR DRAIN

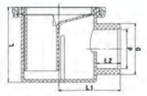
Nom Size	D1	d1	D2	d2	D3	d3	L1	L2	L3	L
4"x3"x2"x1½″	117	110	89	83	51.5	43.3	28.3	72.3	80.5	149



ITEM NO:UDD035

FLOOR DRAIN

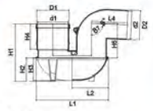
Nom Size	D	d	D1	d1	L	L1	H
50	56.2	50	104.3	98.2	30.3	75	87.8



ITEM NO:UDD032

II JNL FLOOR DRAIN

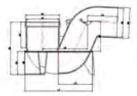
Nom Size	D	d	L	L1	L2
2x1½″	55.9	43.1	82.2	66	25.5



ITEM NO:UD017

P-TRAP BS

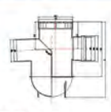
Nom Size	D1	d1	D2	d2	H1	H2	H3	H4	H5	L1	L2	L3	L4
4″	117	110.5	110	104	212	85.5	82	94.7	128.5	262.2	126.5	140.4	130.1



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

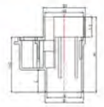
FLOOR TRAP

Nom Size	D1	d1	D2	d2	D3	D4	d4	L1	L2	L3	
6"X4"X4"	167	160	110	104	127.2	118	112	132	135.4	270	372

ITEM NO:UDD031

BALCONY DRAIN

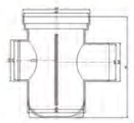
Nom Size	D	d	H
110	110	102	198



ITEM NO:UDD037

ANGLE FLOOR DRAIN

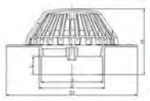
Nom Size	D1	d1	D2	d2	D3	d3	D4	d4	H
80	161.4	154.4	188.8	181.8	118	110	110	103	289.5



ITEM NO:UDD038

FLOOR TRAP TYPE II

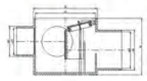
Nom Size	D	d	D1	d1	L	L1	H	H1
6"X4"X4"	80	80	72	87.8	80	47	43	160	117



ITEM NO:UDD039

ROOF DRAIN

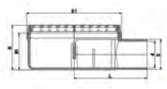
Nom Size	D1	D	d	L	H
3"	177.4	89	82.6	25	91.1
4"	404	116.5	110	28.5	169



ITEM NO:UDD042

GULLEY TRAP LOWER TYPE DIN STANDARD

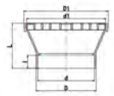
Nom Size	D	d	d1	d2	d3	d4	H
110x75x50	117	110	75	69	50	56	106



ITEM NO:UDD043

FLOOR DRAIN

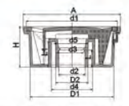
Nom Size	D	D1	d	L	H	H1
150x150x50	49.3	151.8	43.3	116.5	72.7	60
200x200x50	49.3	180.8	43.3	137.2	73.2	60.2



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

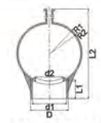
FEMALE FLOOR DRAIN DIN

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

ITEM NO:UDD006

RAIN WATER OUTLET

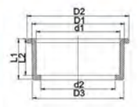
Nom Size	D1	d1	L1	B	H	H1	
110	117	110	99.5	4.5	167.5	40.5	211.5



ITEM NO:UD020

CLAMP WITH SCREW

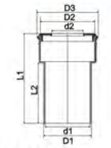
Nom Size	d1	d2	D	L1	L2	R1	R2
3″	61.7	50	68.2	39	140.8	40.3	43.6
4″	61.7	50	68.2	34.6	166.2	54.5	57.5
6″	61.7	50	68.2	31.3	192	80.1	83



ITEM NO:UD019

REDUCING RING FOR CLAMP

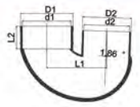
Nom Size	d1	D1	D2	d2	D3	L1	L2
2″×3″	55.9	62	68.2	50	61.2	27.7	25



ITEM NO:UD018

PAN ADAPTOR

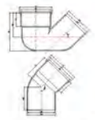
Nom Size	d1	D1	d2	D2	D3	L1	L2
4″	103.6	110	73	125.4	141.6	211.7	142.4



ITEM NO:UD021

U-TRAP

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

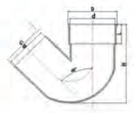


ITEM NO:UD0031

SYPHON + ELBBOW 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

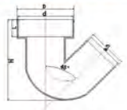
SYPHON

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
4x2x1½"	110.5	56.1	43.3	120	62	50	110	50.5	28.9	27	210



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

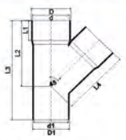
45°ELBOW M/F

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

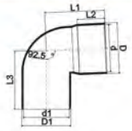
SKEW TEE M/F

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

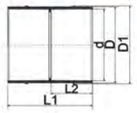
Nom Size	D	d	D1	d1	L1	L2	L3	L4
110	118	110	110	103	132.35	62	134.03	272.5



ITEM NO:UDR008

90° ELBOW M/F

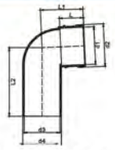
Nom Size	D	d	D1	d1	L1	L2	L3
110	118	110	110	103	133.75	62	135.82



ITEM NO:UDR011

COUPLING II

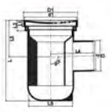
Nom Size	D	D1	d	L1	L2
110	117.6	120.6	110	127	62



ITEM NO:UD026

LONG BEND 90 ELBOW

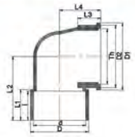
Nom Size	d1	d2	d3	d4	L1	L2	L
3 "	82.9	94	76	82.4	90.7	151.6	51
4 "	110	121	102.8	110.2	108.6	197	48.5



ITEM NO: UDD025

FLOOR TRAP

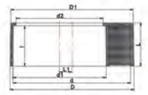
Nom Size	D	d	D1	d1	L1	L2	L3	L4	L5	L
6"x4"	110	103	188.8	181.8	23	38.2	131.9	149.4	152.7	290.6



ITEM NO: UD022

FEMALE ELBOW

Nom Size	D	d	D1	D2	Th	l	L1	L2	L3	L4
11/2"	48	43.3	57.5	53.5	RP11/2	25	26.5	54.75	19	34



ITEM NO: UD024

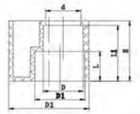
REDUCING RING FOR DRAINAGE

Nom Size	D	d	d1	D1	d2	l	L1	L
4"x3"	110.4	104.8	82.6	109.9	77.3	44	11.2	48

ITEM NO: UD023

FEMALE SOCKET

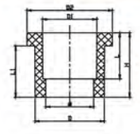
Nom Size	D	d	D1	Th	l	L1	L
11/2"	48	43.3	53.3	RP11/2"	29	23.5	54



ITEM NO: UD035

REDUCING BUSH FOR PRESSURE AND WASTE

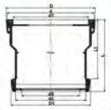
Nom Size	d	D	D1	D2	L	L1	H
½"x¾"x1½"	19	21.5	26.9	43.1	16.5	31	33.6



ITEM NO: UD036

REDUCING BUSH FOR DRAINAGE

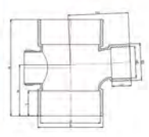
Nom Size	d	d1	d2	D	D1	D2	D3	L	L1	L2	H
1½"x1"	110.5	56.1	43.3	120	62	50	110	50.5	28.9	27	210



ITEM NO: UD025

PAN ADAPTOR WITH RUBBER

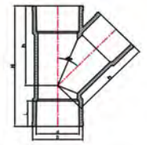
Nom Size	D	d	d1	D1	d2	d3	L1	L
4 "	144.86	140.99	122.5	129	114.5	94	99.5	121



ITEM NO:EDT004

REDUCING TEE WITH INSPECTION PORT

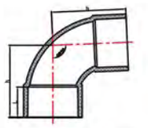
Nom Size	D	d	L	h
60	68.5	60	35.5	89.3



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

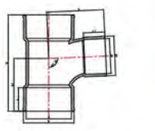
90°DEGREE ELBOW

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

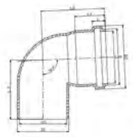
Nom Size	D	d	L	D1	d1	L1	H	h1	h
75x60	84.4	75	40.7	68.5	60	35.5	166.7	91.2	95.2
110x60	120.6	110	48	70.3	60	35.5	185	96	112

PVC DRAINAGE FITTINGS WITH GASKET（EN1401,EN1329）

ITEM NO:UDRN001

45° ELBOW M/F

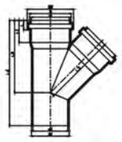
Nom Size	d	d1	D	D1	D2	L	L1	L2	L3
50mm	50.5	44	56.5	50	66	18.4	36.5	58.61	53.35
75mm	76	69	82	75	92	18.9	44	72.16	65.53
110mm	111	103	118	110	128.2	24	66	109.78	109.78
160mm	161	152.8	168.2	160	180.8	26.48	66	113.94	116.14



ITEM NO:UDRN002

90° ELBOW M/F

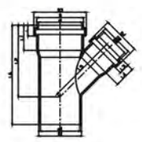
Nom Size	d	d1	D	D1	D2	L	L1	L2	L3
50mm	50.5	44	56.5	50	66	18.4	36.5	72.19	66.93
75mm	76	69	82	75	92	18.9	44	92.53	85.9
110mm	111	103	118	110	128.2	24	71.78	144.4	136.56
160mm	161	152.8	168.2	160	180.8	26.48	66	157.22	159.59



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

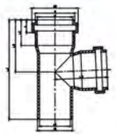


ITEM NO:UDRN004

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

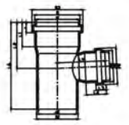
PVC DRAINAGE FITTINGS WITH GASKET（EN1401,EN1329）



ITEM NO:UDRN005

TEE M/F

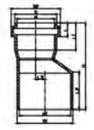
Nom Size	d	d1	D	D1	D2	L	L1	L2	L3	L4
50mmX50mm	50.5	46	54.5	50	64	17.5	45.7	79	87.8	159
75mmX75mm	76	69	82	75	92	18.9	44	95.8	95.8	182
110mmX110mm	111	103	118	110	128.2	24	72.5	148.96	142.26	283
160mmX160mm	161	152.8	168.2	160	180.8	26.48	66	164.37	164.37	324



ITEM NO:UDRN006

REDUCING TEE M/F

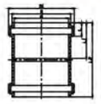
Nom Size	d	d1	d2	D	D1	D2	D3	D4	L	L1	L2	L3	L4	L5	L6
75mmX50mm	76	69	50.5	82	75	56.5	92	66	18.9	44	83.29	18.4	43	86.88	157
110mmX50mm	111	103.6	50.5	117.4	110	56.5	127.6	66	21.09	51	91.82	18.4	43	104.4	178
110mmX75mm	111	103.6	76	117.4	110	82	127.6	92	21.09	51	104.33	18.9	44	113.32	203
160mmX110mm	161	152.8	111	168.2	160	117.4	180.8	127.6	26.48	66	139.35	21.09	51	146.83	274



ITEM NO:UDRN007

REDUCING COUPLING M/F

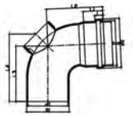
Nom Size	d	d1	D	D1	D2	L	L1	L2	L3	H
75mmX50mm	50.5	69	56.5	75	66	18.4	36.5	50	12.5	116
110mmX50mm	50.5	103.6	56.5	110	66	18.4	36.5	63	30	132
110mmX75mm	76	103.6	82	110	92	18.9	44	63	17.5	145
160mmX110mm	111	152.8	117.4	160	127.6	21.09	51	83	25	181



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



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

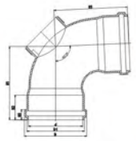
PVC DRAINAGE FITTINGS WITH GASKET（EN1401,EN1329）

CE

ITEM NO:UDRN010

DOOR TEE WITH RUBBER

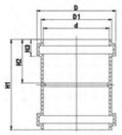
Nom Size	D	D1	d	H	H1	H2	H3	H4
110	127.6	117.4	111	245	122	51	21.1	121.9



ITEM NO:UDRN011

DOOR ELBOW WITH RUBBER

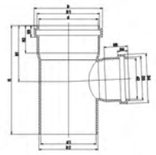
Nom Size	D	D1	d	H1	H2	H3
110	127.6	117.4	111	150	51	21.1



ITEM NO:UDRN012

COMPRESSION COUPLING WITH RUBBER

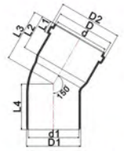
Nom Size	D	D1	d	H1	H2	H3
75	92	82	76	104	50	19



ITEM NO:UDRN013

COMPRESSION TEE WITH RUBBER

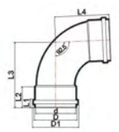
Nom Size	D	D1	D2	D3	D4	d	d1	d2	H	H1	H2	H3	H4	H5
110	127.6	117.4	110	82	92	111	103.6	76	203	104.3	51	21.1	19	44



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

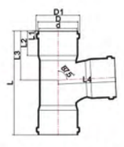
90° SWEEP WITH DOUBLE SOCKET RUBBER

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

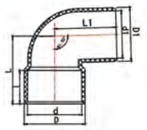
TEE WITH 3 SOCKET RUBBER

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

ITEM NO: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	l	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
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
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	l1	l2	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

ITEM NO:UDLS02

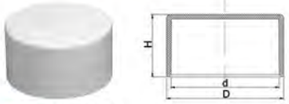
SINGLE SOCKET TRAP (WITH PORT)

Nom Size	d	D	d1	D1	l	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	l	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
50mm	50	56.4	34
75mm	75	81.4	43
110mm	110	117.2	51.8
160mm	160	168.7	74

ITEM NO:UDLT06

TEE M/F

Nom Size	D	d	D1	d1	l	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	l	L1	L
32	37	32	22	41.3	82.6
40	45	40	27	49.2	49.2
160	168.6	160	70	161.1	318

ITEM NO:UDLE01

90° ELBOW

Nom Size	D	d	l	L
32	37	32	22	41.5
40	45	40	27	52.5
80	86.5	80	45	110
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

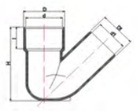
Nom Size	D	d	l	L1	L
32	37	32	22	66.47	97.5
40	45	40	27	75.54	112.5
160	168.6	160	70	267.3	376

ITEM NO:UDLT07

REDUCING SKEW TEE M/F

Nom Size	D	d	D1	d1	D2	d2	l1	l2	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	126.1	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

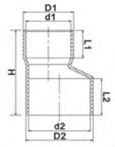
PVC DRAINAGE FITTINGS ISO3633



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

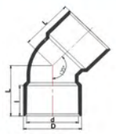
REDUCING COUPLING M/F

Nom Size	d1	d2	D1	D2	L1	L2	H
75×50	50.3	69	56.3	75	32.2	43	99.5
110×50	50.3	103.4	56.3	110	32.2	48.5	124
110×75	75.3	103.4	81.3	110	40.5	48.5	119.5

ITEM NO: UDLT10

CROSS TEE M/F

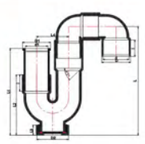
Nom Size	D	d	D1	d1	I	L1	L2	L
80	84.9	80	80	74	42.5	146	146.3	222
110	117.2	110	110	103.4	48.5	191	191	278



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

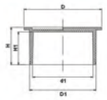
REDUCING TEE

Nom Size	D	d	D1	d1	I1	I2	L1	L2	L
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
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

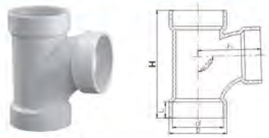
GLUE FOR DRAINAGE

Weight g
100 300 500 1000
EXECUTIVE STANDARD: QB/T 2568-2002

GLUE FOR DRAINAGE

Weight ML
80Z 237ML 160Z 480ML 320Z 960ML
EXECUTIVE STANDARD: QB/T 2568-2002

PVC DWV FITTINGS ASTM D2665



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

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

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

ITEM NO:UDA002

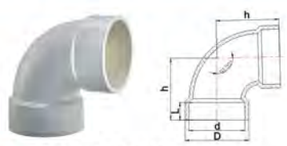
Y TEE

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

ITEM NO:UDA007

MALE ADAPTOR SPG xMIPT

Nom Size	D	d	d1	L	H	NPT
1 1/2″	56.76	48.26	39.99	17.7	42.3	1½"
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"



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

ITEM NO:UDA006

FEMALE ADAPTOR SLIPxFIPT

Nom Size	D	d	L	H	NPT
1 1/2″	56.76	48.26	17.6	42.3	1½"
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"

ITEM NO:UDA009

FEMALE ADAPTOR SPG x FIPT

Nom Size	D	d	d1	L	H	NPT
1½"	56.76	48.26	39.99	17.7	41.5	1½"
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″

ITEM NO:UDA008

MALE ADAPTOR SLIP xMIPT

Nom Size	D	d	d1	L	H	NPT
1 1/2″	56.76	48.26	39.99	17.6	40.5	1½"
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"

PVC DWV FITTINGS ASTM D2665

ITEM NO:DSCH003

S-TRAP

Nom Size	d	L
2 "	2 "	24

ITEM NO:UDA010

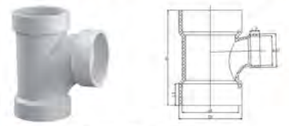
RAIN WATER OUTLET ASTM D2665

Nom Size	D	d	H1	H	I
4"x3"	122.8	114.8	92.6	199	44.6

ITEM NO:UDA011

REDUCING BUSH

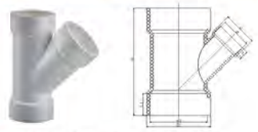
Nom Size	D1	d1	D	d	D2	I	H
4"x2"	114.1		104.1	60.71	122.8	44.6	51.1
4"x3"	114.1	107.5	95.4	89.4	122.8	38.2	51



ITEM NO:UDA012

REDUCING TEE

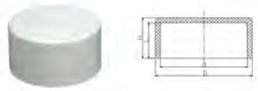
Nom Size	D1	d1	D	d	L1	L2	H
4"x2"	127.7	114.8	68.83	60.71	44.6	19.2	196



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

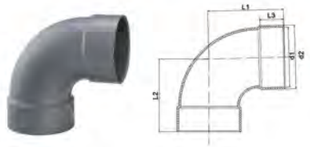
NON-RETURN VALVE

Nom Size	D	H	L	L1	D1
6″	168. 8	349	75. 17	184. 5	253. 2

ITEM NO:UDA017

90 ELBOW M/F

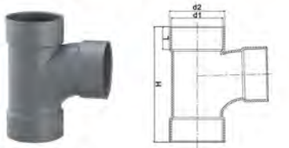
Nom Size	D	d	D1	d1	L1	L2	H
4"	114. 5	104. 5	125	114. 83	51	108. 5	110. 5



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: AUDT02

45° JUNCTION 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
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

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

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
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

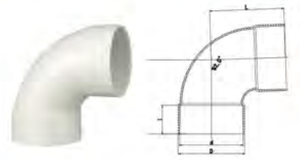
88° BEND SIDE ACCESS F/F

Nom Size	D	d	L	l	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	l
40	47.8	43.4	60	27.5
50	61.6	56.3	71	30.5
65	74.6	69.4	99	38.5
100	116.7	110.9	130	50.5

ITEM NO: AUDE010

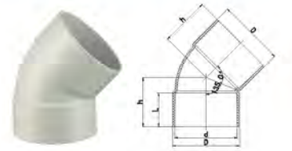
88° BEND M/F

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
100	116.7	110.9	50.5	130	132	110	103.8

ITEM NO: AUDE05

45° BEND SIDE ACCESS F/F

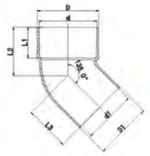
Nom Size	D	d	L	l	L1
100	116.7	110.9	110	50.5	108.26



ITEM NO: AUDE03

45° BEND F/F

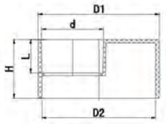
Nom Size	D	d	L	h
40	47.8	43.4	27.5	39
50	61.1	56.3	30.5	45
65	74.6	69.4	38.5	56
80	88.8	83.2	44.5	65
100	116.7	110.9	50.5	77



ITEM NO: AUDE06

45° BEND M/F

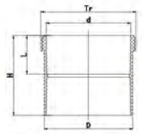
Nom Size	D	d	L1	L2	L3	D1	d1
40	47.8	43.4	27.5	43	39	43	38.2
50	61.1	56.3	30.5	49	45	56	51
65	74.6	69.4	38.5	60	56	69	63.6
80	88.8	83.2	44.5	70	65	82.5	76.5
100	116.7	110.9	50.5	82	82	110	103.8



ITEM NO: AUDR01

SOCKET REDUCER

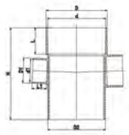
Nom Size	D1	D2	d	L	H
50x40	56	51	43.4	27.5	30.5
65x40	69	63.6	43.4	27.5	41.5
65x50	69	63.6	56.3	30.5	41.5
80x50	82.5	76.5	56.3	30.5	47
80x65	82.5	76.5	69.4	38.5	47
100x40	110	103.8	43.4	27.5	53.5
100x65	110	103.8	69.4	38.5	53.5
100x50	110	103.8	56.3	30.5	53.5



ITEM NO: AUDC01

ACCESS COUPLING

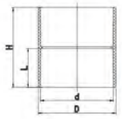
Nom Size	D	Tr	d	L	H
100	116.7	125	110.9	50.5	105



ITEM NO: AUD034

FOUR WAY RISER

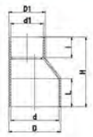
Nom Size	D	d	L	L1	H	D1	d1	D2
100X50X50X40	116.7	110.9	50.5	27.5	175	47.8	43.4	110



ITEM NO: AUDC02

COUPLING F/F

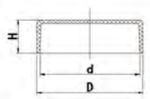
Nom Size	D	d	L	H
40	48.2	43.4	27.5	57
50	61.1	56.3	30.5	63
80	88.8	83.2	44.5	91



ITEM NO: AUDR02

LEVEL INVERT TAPER M/F

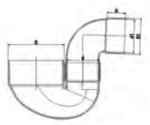
Nom Size	D	d	I	L	H	D1	d1
50X40	56	51	27.5	29.44	66	48.4	43.4
65X40	69	63.6	27.5	37.57	93	48.4	43.4
65X50	69	63.6	30.5	37.57	79	61.7	56.3
80X50	82.5	76.5	30.5	44.63	108	61.1	56.3
80X65	82.5	76.5	38.5	44.24	125	75.1	69.4
100X65	110	103.8	38.5	49.18	124	74.9	69.4



ITEM NO: AUDW01

DUST CAP

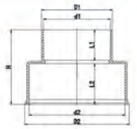
Nom Size	D	d	H
40	47.8	43.4	27.4
50	61.1	56.3	27.5
65	74.6	69.4	27.7
80	88.8	83.2	28
100	116.7	110.9	28.1



ITEM NO: AUDS01

FLOOR WASTE GULLY

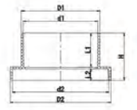
Nom Size	D	d	H	D1	d1
80X50	88.8	69.4	30.5	61.06	56.3
80X65	88.8	69.4	38.5	74.6	69.4
100X50	110.9	69.4	30.5	61.06	56.3
100X65	116.7	69.4	38.5	74.6	69.4
100X100					



ITEM NO: AUD013

CERAMIC ADAPTOR

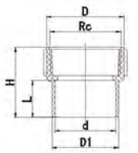
Nom Size	D1	d1	L1	L2	H	D2	d2
100	116.7	110.9	50.5	67	123	172.5	158.5



ITEM NO: AUDD01

FINISHING COLLAR AND GRATE

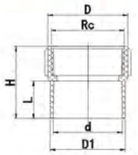
Nom Size	D1	d1	L1	L2	H	D2	d2
100	116.7	110.9	50.5	17	70	149.6	143.2



ITEM NO: AUD023

IRON CONNECTOR FEMALE M

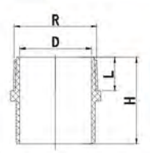
Nom Size	D	D1	Rc	d	H	L
50	65	56	2"	51	59	31



ITEM NO: AUD030

IRON CONNECTOR FEMALE

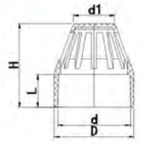
Nom Size	D	D1	Rc	d	H	L
40	53	47.8	1½	43.4	50	27.5
50	65	61.1	2	56.3	59	30.5



ITEM NO: AUD024

IRON CONNECTOR MALE

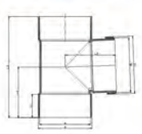
Nom Size	D	L	H	R
40	38.2	22.5	55	1½
50	51	24	62	2



ITEM NO: AUD07

VENT COWL

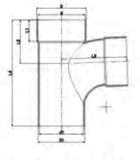
Nom Size	D	d	d1	L	H
50	62	56.3	32.05	25.2	65



ITEM NO: AUDI03

INSPECTION TEST OPENING WITH ONE SOCKET THREAD F/F

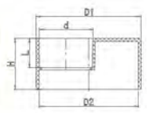
Nom Size	D	d	Tr	L1	L2	L3	D1
100	116.7	110.9	125	50.5	110	220	119



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



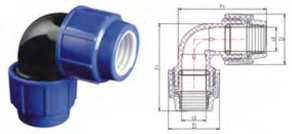
ITEM NO: AUDR03

SOCKET REDUCING M/F

Nom Size	D1	D2	d	L	H
100X40	110	103.8	43.4	27.5	53.5
100X50	110	103.8	56.3	30.5	53.5

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

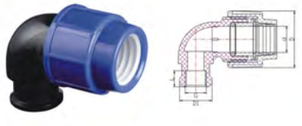
WaterMark WRAS APPROVED PRODUCT



ITEM NO:PT001

90° ELBOW

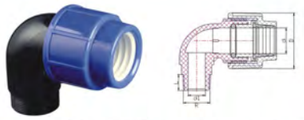
Nom Size	D	d	H
20	44	21	76
25	56	26	96
32	65	33	116
40	80	41	145
50	92	51	163
63	114	64	195
75	128	76	227
90	152	91	264
110	182	111	307



ITEM NO:PT002

FEMALE THREAD ELBOW

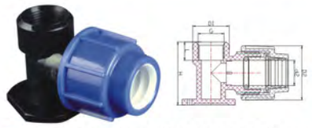
Nom Size	D	d	D 1	G	L
20X½″	44	21	31.6	½″	16
20X¾″	44	21	38.6	¾″	19
25X½″	56	26	31.6	½″	16
25X¾″	56	26	38.6	¾″	19
32X½″	65	33	31.6	½″	16
32X¾″	65	33	38.6	¾″	19
32X1″	65	33	47.4	1″	22
40X¾″	80	41	38.6	¾″	19
40X1″	80	41	47.4	1″	22
40X1¼″	80	41	62.0	1¼″	24
40X1½″	80	41	67.0	1½″	24
50X1¼″	92	51	62.0	1¼″	24
50X1½″	92	51	67.0	1½″	24
50X2″	92	51	81.2	2″	28
63X1¼″	114	64	62.0	1¼″	24
63X1½″	114	64	67.0	1½″	24
63X2″	114	64	81.2	2″	28
75X2″	128	76	81.2	2″	28
75X2½″	128	76	105.0	2½″	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

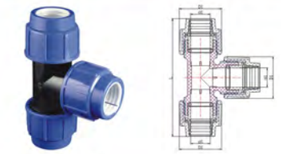
Nom Size	D	d	d 1	R	L
20X½″	44	21	12	½″	14
20X¾″	44	21	17	¾″	16
25X½″	56	26	12	½″	14
25X¾″	56	26	17	¾″	16
32X½″	65	33	12	½″	14
32X¾″	65	33	17	¾″	16
32X1″	65	33	22	1″	19
40X1¼″	80	41	30	1¼″	21
40X1½″	80	41	34	1½″	21
50X1¼″	92	51	30	1¼″	21
50X1½″	92	51	34	1½″	21
50X2″	92	51	44	2″	26
63X1¼″	114	64	30	1¼″	21
63X1½″	114	64	33	1½″	21
63X2″	114	64	46	2″	26
75X2½″	128	76	59	2½″	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

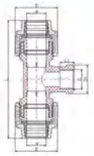
Nom Size	D	d1	L	D2	d2	H
25X¾″	37	¾″	19	56	26	65



ITEM NO:PT005

TEE

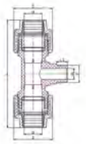
Nom Size	D	d	L
20	44	21	125
25	56	26	158
32	65	33	189
40	80	41	239
50	92	51	262
63	114	64	303
75	128	76	365
90	152	91	420
110	182	111	482



ITEM NO:PT006

FEMALE THREAD TEE

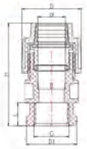
Nom Size	D	d	D1	G	L1	L
20X½″	44	21	31.6	½″	16	125
20X¾″	44	21	38.6	¾″	19	125
25X½″	56	26	31.6	½″	16	158
25X¾″	56	26	38.6	¾″	19	158
25X1″	56	26	47.4	1″	22	158
32X½″	65	33	31.6	½″	16	189
32X¾″	65	33	38.6	¾″	19	189
32X1″	65	33	47.4	1″	22	189
40X1¼″	80	41	62.0	1¼″	24	239
50X1″	92	51	47.4	1″	22	262
50X1½″	92	51	67.0	1½″	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
75X2½″	128	76	105	2½″	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

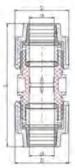
Nom Size	D	d	D1	R	L1	L
20X½″	44	21	12	½″	14	125
20X¾″	44	21	16	¾″	16	125
25X½″	56	26	12	½″	14	158
25X¾″	56	26	16	¾″	16	158
32X½″	65	33	12	½″	14	189
32X1″	65	33	22	1″	19	189
40X1¼″	80	41	30	1¼″	21	239
40X1½″	80	41	34	1½″	21	239
50X1½″	92	51	34	1½″	21	262
50X2″	92	51	46	2″	26	262
63X2″	114	64	46	2″	26	303
75X2½″	128	76	59	2½″	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

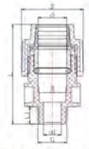
Nom Size	D	d	D1	G	L	h
20X½″	44	21	31.6	½″	16	75
20X¾″	44	21	38.6	¾″	19	78
25X½″	56	26	31.6	½″	16	92
25X¾″	56	26	38.6	¾″	19	95
25X1″	56	26	47.4	1″	22	98
32X¾″	65	33	38.6	¾″	19	107
32X1″	65	33	47.4	1″	22	110
40X1¼″	80	41	62	1¼″	24	137
50X1¼″	92	51	62	1¼″	24	151
50X1½″	92	51	67	1½″	24	151
50X2″	92	51	81.2	2″	28	155
63X1½″	114	64	67	1½″	24	161
63X2″	114	64	81.2	2″	28	165
75X2″	128	76	81.2	2″	28	188
75X2½″	128	76	105	2½″	33	193
75X3″	128	76	126	3″	35	195
90X2½″	152	91	105	2½″	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:PT012

SOCKET

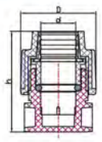
Nom Size	D	d	L
20	44	21	100
25	56	26	130
32	65	33	149
40	80	41	193
50	92	51	216
63	114	64	233
75	128	76	276
90	152	91	311
110	182	111	350



ITEM NO:PT009

MALE THREAD SOCKET

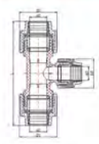
Nom Size	D	d	d1	R	L1	L
20X½″	44	21	12	½″	14	73
20X¾″	44	21	16	¾″	16	75
20X1″	44	21	22	1″	19	78
25X½″	56	26	12	½″	14	90
25X¾″	56	26	16	¾″	16	92
25X1″	56	26	22	1″	19	95
32X¾″	65	33	16	¾″	16	104
32X1″	65	33	22	1″	19	107
32X1¼″	65	33	30	1¼″	21	109
40X1″	80	41	22	1″	19	132
40X1¼″	80	41	30	1¼″	21	135
40X1½″	80	41	34	1½″	21	135
50X1¼″	92	51	30	1¼″	21	148
50X1½″	92	51	34	1½″	21	148
50X2″	92	51	46	2″	26	153
63X1½″	114	64	34	1½″	21	158
63X2″	114	64	46	2″	26	163
75X2″	128	76	46	2″	26	186
75X2½″	128	76	59	2½″	30	190
75X3″	128	76	70	3″	33	193
90X2″	152	91	46	2″	26	205
90X2½″	152	91	59	2½″	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

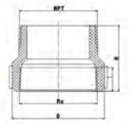
REDUCING TEE

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
40X32	80	41	65	33	239
50X32	92	51	65	33	262
50X40	92	51	80	41	262
63X50	114	64	92	51	303
75X63	128	76	114	64	365
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:PEC01

BSPT & NPT THREAD TRANSFER SOCKET

Nom Size	D	Rc	NPT	I	H
2½"	90.4	2½"	2½"	34	87.5
3"	104.4	3"	3"	35	95.3
4"	134	4"	4"	35	97

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

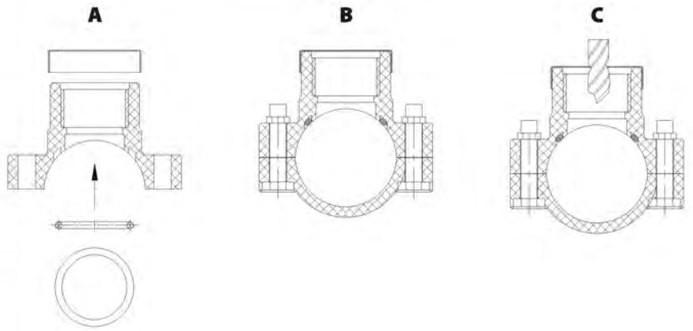
FIG.	Parts	Material
1	Upper body	PP
2	Lower body	PP
3	Bolts and nuts	Zinc plated steel
4	O-ring	NBR
5	Reinforce ring	Stainless steel

ASSEMBLY

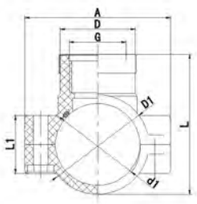
A. Clean the external surface of the pipe. Be sure that the O-Ring is in its position.

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.



Saddle clamps



Nom Size	D	G	D1	d1	L1	L	A
25x1/2"	31	1/2"	34	25	26	50	76
25x3/4"	37	3/4"	34	25	26	52	76
32x1/2"	31	1/2"	41	32	27	51	78
32x3/4"	37	3/4"	41	32	27	53	78
32x1"	44	1"	41	32	27	56	84
40x1/2"	37	1/2"	50	40	32	66	85
40x3/4"	37	3/4"	50	40	32	68.5	85
40x1"	44	1"	50	40	32	71.5	85
50x1/2"	44	1/2"	60	50	34	76	85
50x3/4"	44	3/4"	60	50	34	78	85.5
50x1"	44	1"	60	50	34	81.4	85.5
50x1-1/4"	53	1-1/4"	60	50	34	85	85.5
63x1/2"	31	1/2"	74.2	63	36	90.2	96
63x3/4"	37	3/4"	74.2	63	36	92.2	100
63x1"	44	1"	74.2	63	36	97.0	100
63x1-1/4"	53	1-1/4"	74.2	63	36	98.2	100
63x1-1/2"	61.6	1-1/2"	74.2	63	36	98.2	100
75x1/2"	31	1-1/2"	89	75	45	105	100
75x3/4"	37	3/4"	89	75	45	107	117.6
75x1"	44	1"	90.2	75	45	108	117.6
75x1-1/4"	53	1-1/4"	89	75	45	110.5	117.6

Nom Size	D	G	D1	d1	L1	L	A
75x1-1/2"	61.6	1-1/2"	89	75	45	108	117.6
75x2"	74	2"	89	75	45	112.5	117.57
90x1/2"	31.2	1/2"	105	90	44	121	117.6
90x3/4"	37	3/4"	105	90	44	123	138
90x1"	44	1"	105	90	44	126	138
90x1-1/4"	53	1-1/4"	105	90	44	129	138
90x1-1/2"	61.6	1-1/2"	105	90	44	129	138
90x2"	74	2"	105	90	44	129	138
110x1/2"	31	1/2"	126.4	110	37.2	142	158
110x3/4"	37	3/4"	126.4	110	37.2	142.2	158
110x1	44	1	126.4	110	37.0	147.2	158
110x1-1/2"	61.6	1-1/2"	126.4	110	37.2	148.7	158
110x1-1/4"	53	1-1/4"	126.4	110	37.2	148.7	158
110x2"	73.4	2"	126.3	110	37.2	147.2	158
110x3"	104	3"	126.4	110	37.2	158.7	158
160x1/2"	31	1/2"	181	160	51	200.5	211
160x1"	44	1"	181	160	51	200.5	211
160x2"	73.4	2"	181	160	51	200.5	211
160x3"	104	3"	181	160	51	212	211
200x2"	73.4	2"	222.6	200	57.6	244.9	265
200x3"	104	3"	181	200	57.6	265.2	255.3

ITEM NO:PT012

FLANGE

Nom Size				
40x1½"	50x1½"	50x2"	63x2"	63x2½"
75x2½"	75x3"	90x3"	90x4"	110x4"

ITEM NO:PT013

COMPRESSION BALL VALVE

Nom Size				
20 ×20	25 ×25	32 ×32	40 ×40	50 ×50
63 ×63	75 X 75	90 X 90	110 X 110	

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
½"	½"	40	45	15	20	70	½"
¾"	¾"	44	48	17.6	25.36	76	¾"
1"	1"	55	60	22	31.7	95	1"
1¼"	1¼"	70	75.5	27	35.6	121	1¼"
1½"	1½"	72	78	27.5	37.7	129	1½"
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

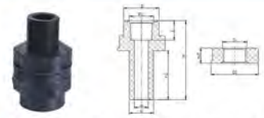
PP IRRIGATION CAP L

Nom Size	A	L
	8	11

ITEM NO:PI006

PP IRRIGATION CAP II

Nom Size	d	A	L
	6	8.5	20



ITEM NO: PTC02

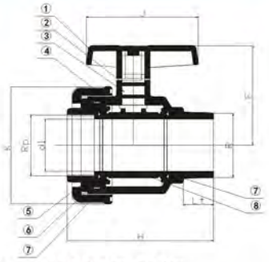
TANK CONNECTOR M/F

Nom Size	D	d	D1	Rc	G	L	H	h1	h2
½"	30.6	12	41	½"	½"	17	69	42.6	13.2
1¼"	56.4	27.8	70	1¼"	1¼"	25	111.5	72.5	21
3"	105.2	67	127	3"	3"	35	180	122	33

ITEM NO:PI007

IRRIGATION ROLLING FITTING

Nom Size	d	d1	A	L
16	11	7	46	118



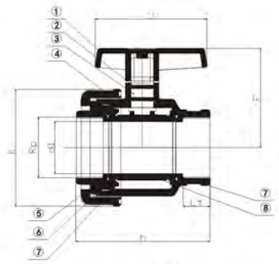
ITEM NO: UMF01

SINGLE UNION BALL VAVLE 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

Dimensions

Nom Size	DN	Lt	H	F	J	K	d1
3/4" x 3/4"	20	16	80	58	65	59	19
1" x 1"	25	17	90	67	75	67	23
1¼" x 1¼"	32	21	106	76	85	79	32
1½" x 1½"	40	24	126	83	94	93	39
2" x 2"	50	26	145	101	109	114	46
2½" x 2½"	65	28	177	127	138	144	64
3" x 3"	80	35	204	143	158	168	76
4" x 4"	100	37	250	169	180	210	97



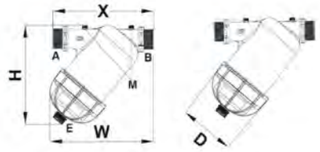
ITEM NO: UFF01

SINGLE UNION BALL VAVLE 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

Dimensions

Nom Size	DN	Lt	H	F	J	K	d1
3/4" x 3/4"	20	20	81	58	65	59	19
1" x 1"	25	22	91	67	75	67	23
1¼" x 1¼"	32	25	101	76	85	79	32
1½" x 1½"	40	25	109	83	94	93	39
2" x 2"	50	29	135	101	109	114	46
2½" x 2½"	65	36		127	138	144	64
3" x 3"	80	36	180	143	158	168	76
4" x 4"	100	49	228	169	180	210	97



ITEM NO: FLT6001

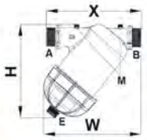
Y SCREEN FILTER

DIMENSIONS / mm					
MODEL	A-B	H	W	X	D
3/4"	3/4" BSP	173	185	158	83
1"	1" BSP	173	190	168	83
1½" SUPER	1½" BSP	246	261	252	143
2"	2" BSP	255	272	263	143

MAXIMUM PRESSURE 8 BAR/116 PSI; MAXIMUM TEMPRETURE 60℃ / 140 F

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

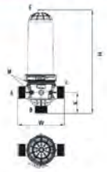
DIMENSIONS / mm					
MODEL	A-B	H	W	X	D
3/4"	3/4" BSP	173	185	158	83
1"	1" BSP	173	190	168	83
1½" SUPER	1½" BSP	246	261	252	143
2"	2" BSP	255	272	263	143

MAXIMUM PRESSURE 8 BAR/116 PSI; MAXIMUM TEMPRETURE 60℃ / 140 F

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

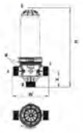
SCREEN FILTER

CONNECTOR	MODEL	CONNECTION A	B	C	DIMENSIONS(mm) 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℃ / 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 A	B	C	DIMENSIONS(mm) 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℃ / 140F

PERFORMANCE DATA

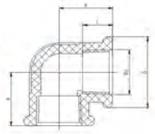
size	connector	max recommended flow		filter surface	
2"	2" BSP	30 M3/H	132 GPM	1198 CM2	186 IN2
2" super size	2" BSP	30 M3/H	132 GPM	1699 CM2	263 IN2
3"	3" BSP	30 M3/H	132 GPM	1699 CM2	263 IN2
3" super size	3" BSP	50 M3/H	220 GPM	1699 Cm2	263 In2

PPH THREAD FITTINGS IRAM 13478

ITEM NO: THP01

PPH PIPE

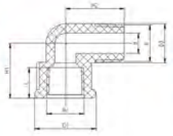
Nom Size	Outer Dia	Wall Thickness
½"	21.3	3.4
¾"	26.9	3.9
1"	33.7	4.9



ITEM NO: TH001

90° ELBOW

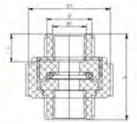
Nom Size	D	Rc	L	h
½"	34.5	½"	17	31.75
¾"	41.5	¾"	17.5	31.5
1"	50.5	1"	21	39.25



ITEM NO: TH002

90° ELBOW M/F

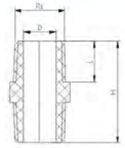
Nom Size	D1	D2	Rc	R	L	d	H1	H2
½"	34.5	22	½"	½"	17	11.5	30.8	33
¾"	41.5	27	¾"	¾"	17.5	16	35	38.5



ITEM NO: TH003

UNION

Nom Size	D	D1	Rc	L	l
½"	28	51	½"	53	18
¾"	33.6	58	¾"	57.5	20



ITEM NO: TH004

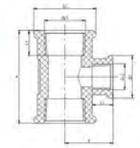
NIPPLE

Nom Size	D	Rc	L	H
½"	13.2	½"	16.5	41.5
¾"	17	¾"	17.2	43.9
1"	21.5	1"	19.9	49

ITEM NO: TH006

45° ELBOW

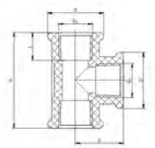
Nom Size	D	Rc	L	h
½"	34.5	½"	17	30



ITEM NO: TH013

REDUCING TEE

Nom Size	D1	D2	Rc1	Rc2	L1	L2	H	h
1" x ½"	50.5	34.5	1"	½"	20	17	75	39
1" x ¾"	50.5	41.5	1"	¾"	20	17.5	75	40.5
¾" x ½"	41.5	34.5	¾"	½"	17	17.5	64.5	32.3

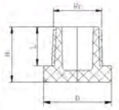


ITEM NO: TH008

TEE

Nom Size	D	Rc	L	H	h
½"	34.5	½"	17	59	29.5
¾"	41.5	¾"	17.5	64.5	33
1"	50.5	1"	20	77.5	39

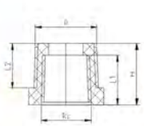
PPH THREAD FITTINGS IRAM 13478



ITEM NO: TH009

PLUG FEMALE

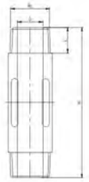
Nom Size	D	Rc	L	H
½″	28.5	½″	16.2	23
¾″	36	¾″	16.7	23.7



ITEM NO: TH010

REDUCING BUSH

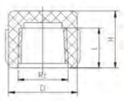
Nom Size	Rc	R	L1	L2	H
¾″x ½″	¾″	½″	20.8	18.6	25.6



ITEM NO: TH011

LONG NIPPLE

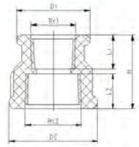
Nom Size	D	Rc	L	H
½″ 10″	13	½″	16	100
½″ 6″	13	½″	16	150
¾″	17	¾″	17	100



ITEM NO: TH012

FEMALE CAP

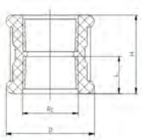
Nom Size	D	Rc	L	H
½″	29	½″	17	24
¾″	36	¾″	17.5	25



ITEM NO: TH005

REDUCING COUPLING

Nom Size	D1	D2	Rc1	Rc2	L1	L2	H
½″x ¾″	34.5	41.5	½″	¾″	16	16.5	34.7



ITEM NO: TH007

COUPLING

Nom Size	D	Rc	L	H
½″	34.5	½″	17	36.5
¾″	41.5	¾″	17.5	37

PP THREAD FITTINGS AS/NZS4129

ITEM NO : PEX 001

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
COUPLING						
1/2"	1120	415*300*345	0.042	12.20	11.20	0.012
3/4"	768	430*290*295	0.036	16.36	15.36	0.016
1"	360	440*270*295	0.035	11.80	10.80	0.026

ITEM NO : PEX 002

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
90° ELBOW						
1/2"	600	460*320*275	0.040	13.00	12.00	0.018
3/4"	360	445*275*330	0.040	11.80	10.80	0.029
1"	240	385*360*315	0.043	13.00	12.00	0.045

ITEM NO : PEX 003

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
TEE						
1/2"	400	370*330*305	0.037	11.40	10.40	0.026
3/4"	256	400*315*263	0.033	9.96	8.96	0.036
1"	216	430*370*315	0.050	14.14	13.17	0.062

ITEM NO : PEX 004

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
REDUCING TEE						
1/2"*3/4"	320	390*310*325	0.039	11.56	10.56	0.033
1/2"*1"	216	420*350*315	0.046	12.88	11.88	0.057
1"*3/4"	216	420*350*315	0.046	13.31	12.31	0.057

ITEM NO : PEX 005

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
REDUCING COUPLING						
1/2"*3/4"	576	435*295*235	0.030	9.35	8.35	0.015
1/2"*1"	360	440*270*250	0.029	8.20	7.20	0.021
1"*3/4"	360	440*270*250	0.029	8.20	7.20	0.022

PP THREAD FITTINGS AS/NZS4129

ITEM NO : PEX 006

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
UNION						
1/2"	240	430*320*255	0.035	10.60	9.60	0.037
3/4"	192	480*365*250	0.043	15.40	14.40	0.053
1"	96	435*295*280	0.036	8.68	7.68	0.082

ITEM NO : PEX 007

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
FEMALE THREAD TEE						
1/2"	240	400*305*265	0.032	15.88	14.88	0.035
3/4"	144	435*275*236	0.028	13.00	12.00	0.048
1"	120	350*320*340	0.038	17.56	16.56	0.078

ITEM NO : PEX 008

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
FEMALE THREAD ELBOW						
1/2"	480	410*380*310	0.048	26.44	25.44	0.027
3/4"	240	455*270*290	0.035	18.04	17.04	0.035
1"	144	410*325*275	0.037	18.56	17.56	0.060

ITEM NO : PEX 009

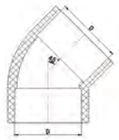
Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
REDUCER FEMALE THREAD TEE						
3/4"*1/2"	192	435*320*235	0.033	15.20	14.20	0.048
1*1/2"	160	385*350*310	0.041	16.84	15.84	0.072
1*3/4"	160	385*350*310	0.041	18.44	17.44	0.073

ITEM NO : PEX 010

Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
REDUCER FEMALE THREAD ELBOW						
3/4"*1/2"	360	450*400*285	0.051	25.48	24.48	0.068
1*1/2"	144	410*350*275	0.039	15.11	14.11	0.071
1*3/4"	144	410*335*270	0.037	15.83	14.83	0.067

ITEM NO : PEX 011

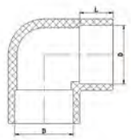
Spec	qty/ctn pc	meas mm	cbm cbm	g.w. kg	n.w. Kg	kg/pc kg
REDUCER ELBOW						
3/4"*1/2"	288	470*270*310	0.039	12.52	11.52	0.036
1*1/2"	288	470*285*310	0.041	13.96	12.96	0.034



ITEM NO:PESW001

45° ELBOW

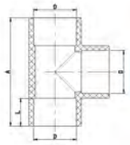
SIZE（mm）					
20	25	32	40	50	63



ITEM NO:PESW002

90° ELBOW

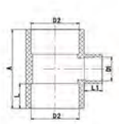
SIZE（mm）					
20	25	32	40	50	63



ITEM NO:PESW003

TEE

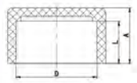
SIZE（mm）					
20	25	32	40	50	63



ITEM NO:PESW004

REDUCING TEE

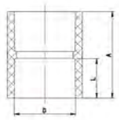
SIZE（mm）					
25x20	32x20	32x25	40x20	40x25	40x32
50x20	50x25	50x32	50x40	63x20	63x25
63x32	63x40	63x50			



ITEM NO:PESW005

END CAP

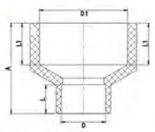
SIZE（mm）					
20	25	32	40	50	63



ITEM NO:PESW006

SOCKET

SIZE（mm）					
20	25	32	40	50	63



ITEM NO:PESW007

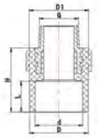
REDUCING SOCKET

SIZE（mm）					
25x20	32x20	32x25	40x20	40x25	40x32
50x20	50x25	50x32	50x40	63x20	63x25
63x32	63x40	63x50			

ITEM NO:PESW008

FEMALE SOCKET

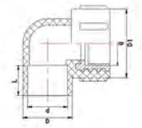
SIZE（mm）					
20x½″	25x½″	25x¾″	32x½″	32x¾″	32x1″
40x1¼″	40x1½″	50x1½″	63x2″		



ITEM NO:PESW009

MALE SOCKET

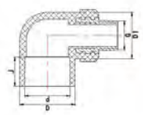
SIZE（mm）					
20x½″	25x½″	25x¾″	32x½″	32x¾″	32x1″
40x1¼″	40x1½″	50x1½″	63x2″		



ITEM NO:PESW010

FEMALE ELBOW

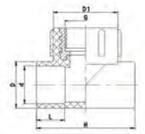
SIZE（mm）					
20x½″	25x½″	25x¾″	32x½″	32x¾″	32x1″



ITEM NO:PESW011

MALE ELBOW

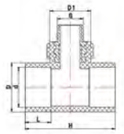
SIZE（mm）					
20x½″	25x½″	25x¾″	32x½″	32x¾″	32x1″



ITEM NO:PESW012

FEMALE TEE

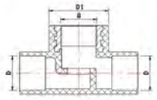
SIZE（mm）					
20x½″	25x½″	25x¾″	32x½″	32x¾″	32x1″



ITEM NO:PESW013

MALE TEE

SIZE（mm）					
20x½″	25x½″	25x¾″	32x½″	32x¾″	32x1″

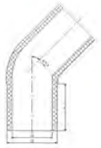


ITEM NO:PESW014

STOP VALVE

SIZE（mm）					
20	25	32	40	50	63

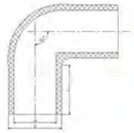
SOCKET WELDING PE FITTING



ITEM NO:PEBW001

45° ELBOW

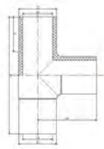
SIZE（mm）					
75	90	110	125	160	200
225	250	280	315	355	400
450	500	560	630	355	400



ITEM NO:PEBW002

90° ELBOW

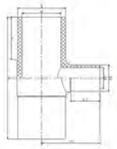
SIZE（mm）					
63	75	90	110	125	140
160	180	200	225	250	280
315	355	400	500	630	



ITEM NO:PEBW003

TEE

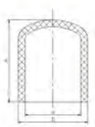
SIZE（mm）					
63	75	90	110	125	140
160	180	200	225	250	280
315	355	400	500	630	



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

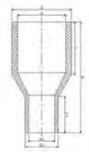
END CAP

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

ITEM NO:PEBW007

FLANGE

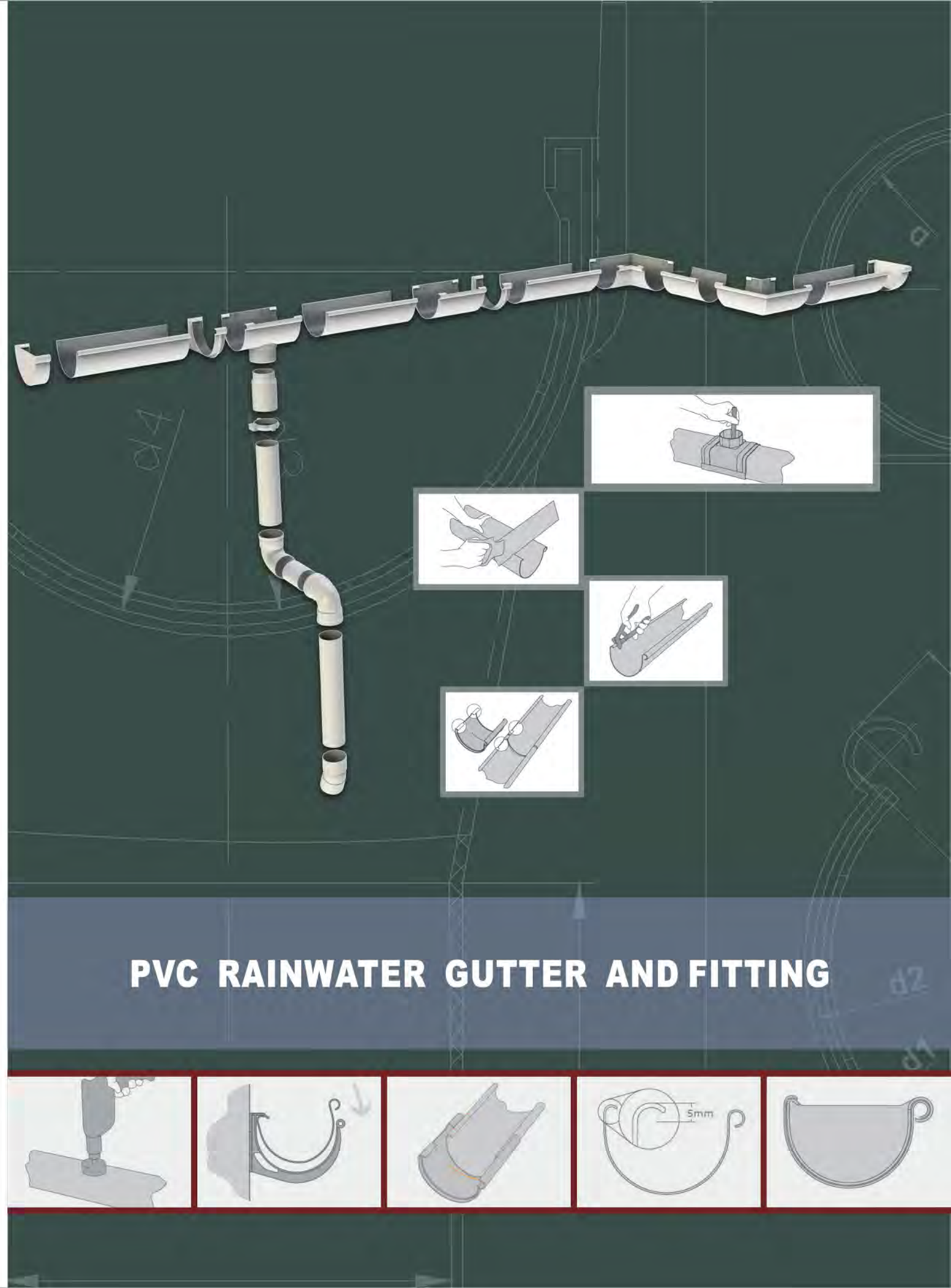
SIZE（mm）					
50	63	75	90	110	125
140	160	180	200	225	250
280	315	355	400	450	500
560	630	710	800	900	1000



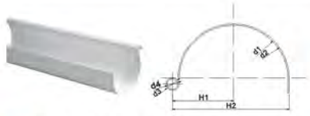
ITEM NO:PEBW006

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		



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

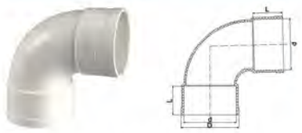
ANGLE CONNECTOR RIGHT

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

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

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

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

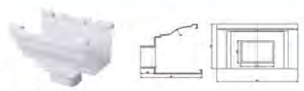
135° INSIDE CORNER

Nom Size	D1	D2	H
5.2″	105	132	105

ITEM NO: RWGA008-2

135° OUTSIDE CORNER

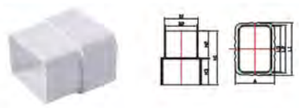
Nom Size	D1	D2	H
5.2″	105	132	105



ITEM NO: RWGA002

TEE

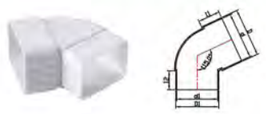
Nom Size	A1	A2	H1	H2	D	L1	L2
5.2″	219	152	173	35	100	79	58



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

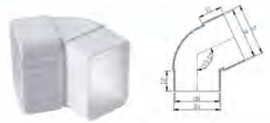
Nom Size	D	d	D1	d1	I1	I2
5.2″	67	63	57	53	41	35

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

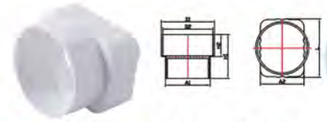
CLAMP

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

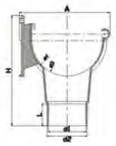


ITEM NO: RWGA019

CONVERSION JOINT

Nom Size	A1	A2	L	H1	H2	D1	D2
5.2″	67.5	65.5	88	66	33	80	75

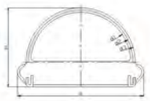
140MM RAINWATER SYSTEM COMPONENTS



ITEM NO:RWGS002

TEE

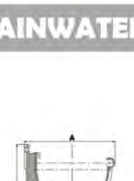
Nom Size	d1	d2	d3	d4	H	L	A
125	74.4	80	131	136.6	189.3	43	169



ITEM NO:RWGS005

END CAP

Nom Size	d1	d2	d3	H	A
125	125.8	131	136.2	99.3	160.7



ITEM NO:RWGM004

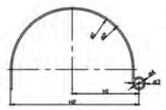
ANGLE CONNECTOR

Nom Size	H	D
140	245	145

ITEM NO:RWGM007

CLAMP

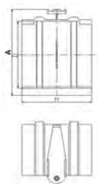
Nom Size	D	H	A
140	145	187.5	152



ITEM NO:RWGM001

RAIN GUTTER

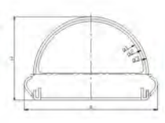
Nom Size	d1	d2	d3	d4	H1	H2
140	140	143.6	14.7	11.1	77.5	149.3



ITEM NO:RWGM003

COUPLING

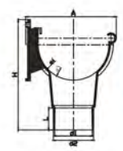
Nom Size	D	H	A
140	145	151	186



ITEM NO:RWGM005

END CAP

Nom Size	d1	d2	d3	H	A
140	139	145	151	110	176

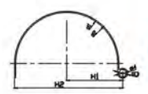


ITEM NO:RWGM002

TEE

Nom Size	d1	d2	d3	d4	H	L	A
140	77	82	145	151	226	45	186

170MM RAINWATER SYSTEM COMPONENTS



ITEM NO:RWGL001

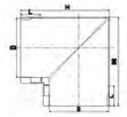
RAIN GUTTER

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

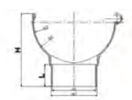
ANGLE CONNECTOR RIGHT

Nom Size	H	L	D
170	263	60	176.2

ITEM NO:RWGL006

END CAP RIGHT

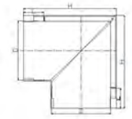
Nom Size	d1	d2	H
170	176.2	181.8	196



ITEM NO:RWGL002

TEE

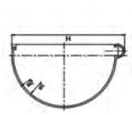
Nom Size	d1	d2	d3	d4	H	L
170	94.4	100	176.2	181.8	159	48



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

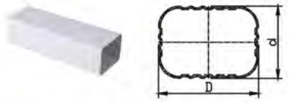
Nom Size	D	H
170	176.2	206.7

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

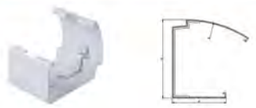
LEFT END CAP

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

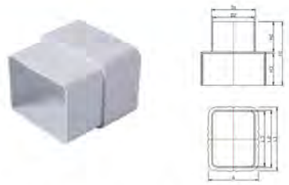
135° OUTSIDE CORNER

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

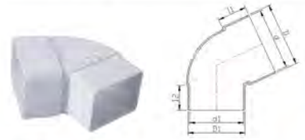


ITEM NO: RWGB009

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

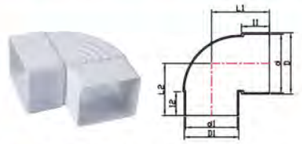
7″ SQUARE RAINWATER SYSTEM COMPONENTS



ITEM NO:RWGB010

65° DIVERTER

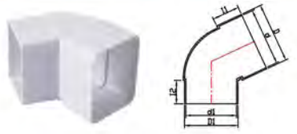
Nom Size	D	d	D1	d1	I1	I2
7″	83	79	73	69	54	50



ITEM NO: RWGB011

90° DIVERTER

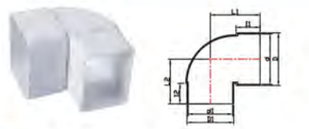
Nom Size	D	d	D1	d1	L1	L2	I1	I2
7″	83	79	73	69	93.5	88.5	54	50



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

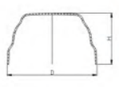
ITEM NO: RWGB019

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

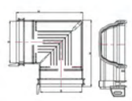
125MM SQUARE RAINWATER SYSTEM COMPONENTS



ITEM NO: RWGF001

SQUARE RAIN GUTTER

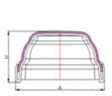
Nom Size	D	H
125	129.1	73.58



ITEM NO: RWGF004

SQUARE ELBOW

Nom Size	D	H
125	128.7	206.02



ITEM NO: RWGF005

SQUARE END CAP

Nom Size	A	H
125	148.11	85.27

ITEM NO: RWGF002

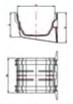
SQUARE TEE

Nom Size	A	D	d	H	L
125	148.51	60.17	56	135.8	38

ITEM NO: RWGF006

SQUARE CLAMP

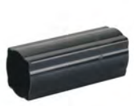
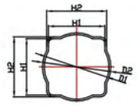
Nom Size	A	H
125	105.3	130.09



ITEM NO: RWGF003

SQUARE COUPLING

Nom Size	A	D	D1	H
125	104.6	85.13	121	130.09

ITEM NO: RWGF007

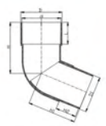
SQUARE RAIN PIPE

Nom Size	H1	H2	D1	D2
74	61	65	70	74

ITEM NO: RWGF009

SQUARE 45 ELBOW

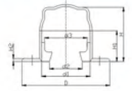
Nom Size	D	d	D1	H	L	H1
74	79	74.5	74	98	42	61.7



ITEM NO: RWGF008

SQUARE 45 ELBOW M/F

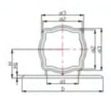
Nom Size	D	d	D1	H	L	H1	H2
74	79	74.5	70	98	42	93.5	39.5



ITEM NO: RWGF011

SQUARE U CLAMP

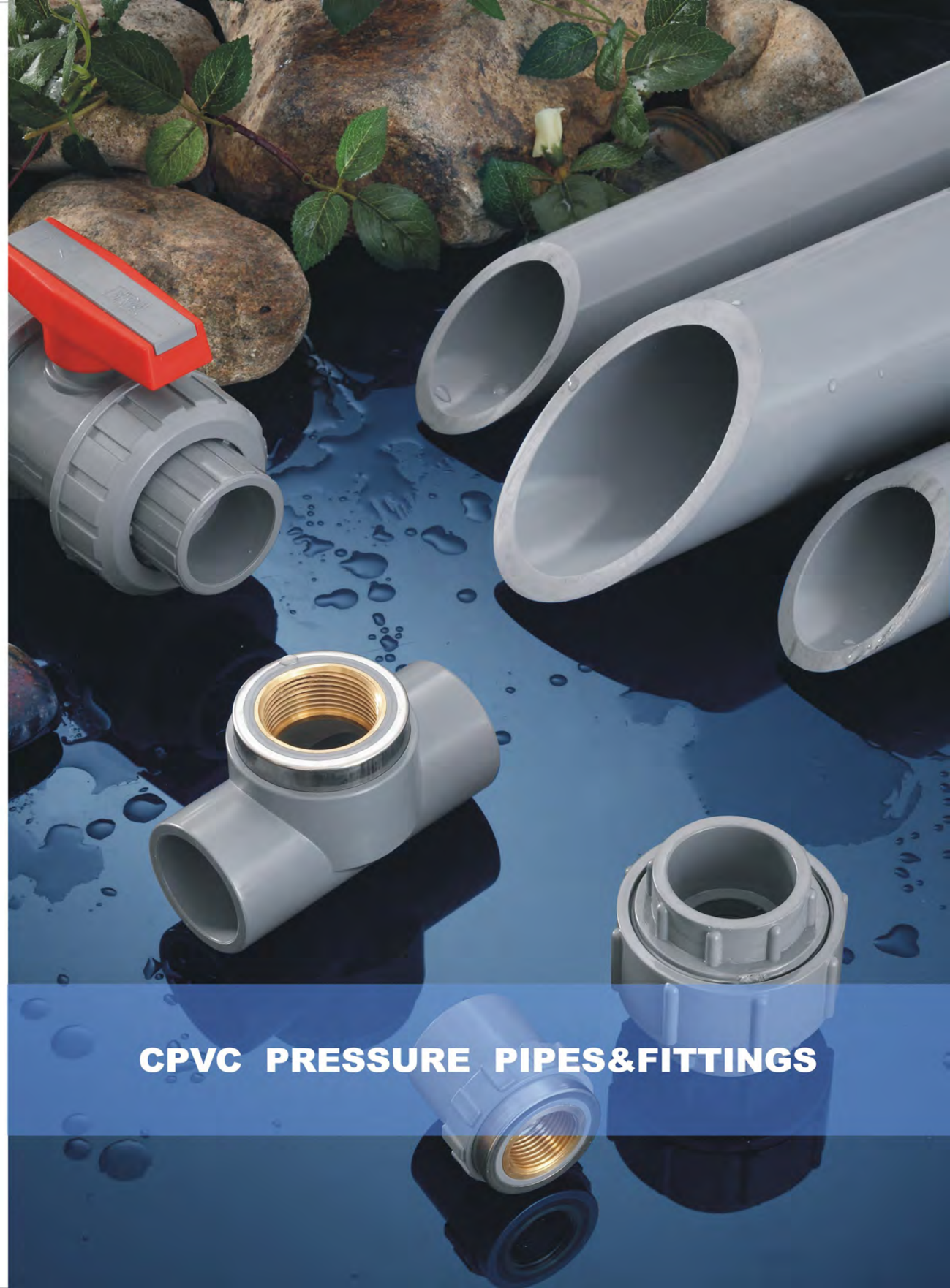
Nom Size	D	d1	d2	d3	H	H1	H2
74	134	74	50	65	82.7	47	4.5



ITEM NO:RWGF010

SQUARE COUPLING M/F

Nom Size	D	d1	d2	d3	H	H1
74	134.5	52	65	70	47.5	4.5

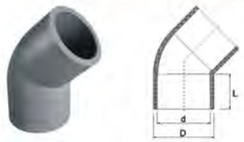


CPVC SCH80 PIPES& FITTINGS ASTM F439

ITEM NO:CPSP01

PRESSURE PIPES

Nom Size	Outer Dia	Wall Thickness
½″	21.34	3.73
¾″	26.67	3.91
1″	33.4	4.55
1 ¼″	42.16	4.85
1 ½″	48.26	5.08
2″	60.33	5.54
2½″	73.03	7.01
3″	88.9	7.62
4″	114.3	8.56
6″	168.3	10.97



ITEM NO:CPS001

45° ELBOW

Nom Size	D	d	L
½″	29.3	21.34	22.7
¾″	35.1	26.67	25.9
1″	43.1	33.4	29.1
1 ¼″	52.4	42.16	32.3
1 ½″	59	48.26	35.4
2″	72.5	60.33	38.6
2 ½″	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

ITEM NO:CPS003

COUPLING

Nom Size	D	d	H	L
½″	29.3	21.34	48.8	22.7
¾″	35.1	26.67	55.2	26.0
1″	43.1	33.4	61.6	29.1
1 ¼″	52.4	42.16	67.4	32.3
1 ½″	59	48.26	74.3	35.4
2″	72	60.33	80.1	38.6
2 ½″	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

ITEM NO:CPS002

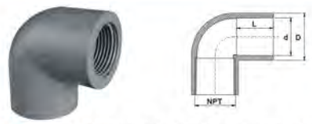
90° ELBOW

Nom Size	D	d	L
½″	29.8	21.34	22.7
¾″	35.6	26.67	25.9
1″	43.1	33.4	29.1
1 ¼″	52.4	42.16	32.3
1 ½″	59	48.26	35.4
2″	72	60.33	38.6
2 ½″	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:CPS004

REDUCING COUPLING

Nom Size	D	d1	d2	d3	H	L1	L2
¾″× ½″	35.1	26.67	29.3	21.34	57.5	25.9	22.7
1″× ½″	43.4	33.4	29.8	21.34	63.1	29.1	22.7
1″× ¾″	43.1	33.4	35.5	26.67	65.4	29.1	25.9
1¼″× ½″	52.4	42.16	29.3	21.34	66.4	32.3	22.7
1¼″× ¾″	52.4	42.16	35.1	26.67	67.6	32.3	25.9
1¼″× 1″	52.4	42.16	43.4	33.4	72.2	33	28.2
1½″× ½″	59	48.26	29.3	21.34	70.5	35.4	22.7
1½″× ¾″	59	48.26	35.5	26.67	73.7	35.4	25.9
1½″× 1″	59	48.26	43.5	33.4	76.9	35.4	28.8
2″× ½″	59	48.26	52.4	42.16	80.1	35.4	32.3
2″× ½″	72	60.33	29.3	21.34	79.7	38.6	22.7
2″× ¾″	72	60.33	35.1	26.67	81.4	38.6	25.9
2″× 1″	72	60.33	43.1	33.4	84.6	38.6	29.1
2″× 1¼″	72	60.33	52.4	42.16	87.8	38.6	32.3
2″× 1½″	72	60.33	59	48.26	90.9	38.6	35.4



ITEM NO:CPS007

FEMALE THREAD ELBOW

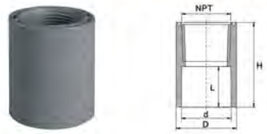
Nom Size	D	d	L	NPT
½″	32.5	21.34	22.7	½″
¾″	38.1	26.67	25.9	¾″
1″	46	33.4	29.1	1″
1 ¼″	55.9	42.16	32.3	1 ¼″
1 ½″	63.5	48.26	35.4	1 ½″
2″	76.2	60.33	38.6	2″

CPVC SCH80 PIPES& FITTINGS ASTM F439

ITEM NO:CPS005

STRAIGHT TEE

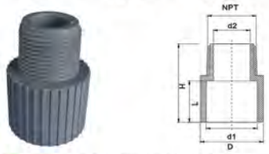
Nom Size	D	d	L	H
½″	29.3	21.34	22.4	70.8
¾″	35.4	26.67	25.9	82.4
1″	43.1	33.4	29.1	97.6
1 ¼″	52.4	42.16	32.3	110.9
1 ½″	59	48.26	35.4	122.7
2″	72	60.33	38.6	142.7
2 ½″	87.8	73.03	45	168.2
3″	104.9	88.9	48.1	190.2
4″	132.4	114.3	57.6	235.6
6″	191.2	168.3	76.7	333.2



ITEM NO:CPS006

FEMALE ADAPTOR

Nom Size	D	d	H	L	NPT
½″	32.5	21.34	45.7	22.7	½″
¾″	38.1	26.67	54.8	25.9	¾″
1″	46	33.4	58.7	29.1	1″
1 ¼″	55.9	42.16	64.3	32.3	1 ¼″
1 ½″	63.5	48.26	70.9	35.4	1 ½″
2″	76.2	60.33	74.6	38.6	2″
2 ½″	87.8	73.03	92.3	45	2 ½″
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″



ITEM NO:CPS009

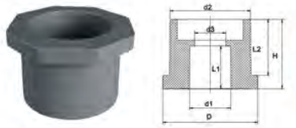
MALE ADAPTOR

Nom Size	D	d1	d2	NPT	H	L
½″	30	21.34	9.4	½″	46.5	23.2
¾″	35.8	26.67	14	¾″	55.9	25.9
1″	44	33.4	18.8	1″	61	29.1
1 ¼″	53	42.16	26.8	1 ¼″	65.5	32.5
1 ½″	60	48.26	32.4	1 ½″	70.9	35.4
2″	73	60.33	43.3	2″	76.7	38.6
2 ½″	88.2	73.03	51.0	2 ½″	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

ITEM NO:CPS008

REDUCING TEE

Nom Size	D	d1	d2	d3	L1	L2	H
¾″× ½″	35.5	26.67	30	21.34	25.9	22.7	79.1
1″× ½″	43.1	33.4	29.3	21.34	29.1	22.7	80.5
1″× ¾″	43.1	33.4	35.1	26.67	29.1	25.9	91
1¼″× ½″	52.4	42.16	29.3	21.34	32.3	22.7	92.2
1¼″× ¾″	52.4	42.16	35.1	26.67	32.3	25.9	97.3
1¼″× 1″	52.4	42.16	43.1	33.4	32.3	29.1	105.8
1½″× ½″	59	48.26	29.3	21.34	35.4	22.7	97.6
1½″× ¾″	59	48.26	35.1	26.67	35.4	25.9	103.7
1½″× 1″	59	48.26	43.1	33.4	35.4	29.1	110.5
1½″×1¼″	59	48.26	52.4	42.16	35.4	32.3	118.9
2″× ½″	72	60.33	29.3	21.34	38.6	22.7	104.7
2″× ¾″	72	60.33	35.1	26.67	38.6	25.9	109.7
2″× 1″	72	60.33	43.1	33.4	38.6	29.1	115.9
2″× 1¼″	72	60.33	52.4	42.16	38.6	32.3	124.6
2″× 1½″	72	60.3	59	48.26	38.6	35.4	131.6

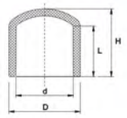


ITEM NO:CPS010

REDUCING RING

Nom Size	D	d1	d2	d3	L1	L2	H
1¼″× ½″	52.4	21.34	42.16	13.5	22.7	31.5	40
1¼″× ¾″	52.4	26.64	42.16	17.8	25.9	31.5	40
1¼″× 1″	52.4	33.4	42.16	24	29.1	31.5	40
1½″× ½″	59	21.34	48.26	13	22.7	35	43
1½″× ¾″	58.5	26.67	48.26	17.3	25.9	35	43
1½″× 1″	59	33.4	48.26	24.3	29.1	35	43
1½″×1¼″	59	42.16	48.26	31.2	32.3	35	43
2″× ½″	72	21.34	60.33	13	22.7	39	49
2″× ¾″	72	33.4	60.33	23.5	29.1	39	49
2″× 1″	72	26.67	60.33	18	29.1	38.3	48.6
2″× 1¼″	72	42.16	60.33	32	32.3	39	49
2″× 1½″	72	48.26	60.33	36.2	35.4	38.6	48.6
3″ ×1½″	104.9	48.26	88.9	42	35.5	47.1	55.1
3″×2″	104.9	60.33	88.9	53.8	38.6	47.1	55.1
4″ ×1½″	132.4	48.26	114.3	42	35.5	56.6	65.1
4″×2″	132.4	60.33	114.3	53.8	38.6	56.6	65.1
4″×3″	132.4	88.9	114.3	82	48.1	56.6	65.1
6″×4″	191.2	114.3	168.3	106.1	57.6	76.7	86.7

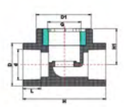
CPVC SCH80 PIPES& FITTINGS ASTM F439



ITEM NO:CPS011

END PLUG

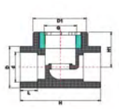
Nom Size	D	d	L	H
½″	29.3	21.34	22.7	39.7
¾″	35.1	26.67	25.9	33.7
1″	43.1	33.4	29.1	33.8
1¼″	52.4	42.16	32.3	43
1½″	59	48.26	35.4	45.8
2″	72	60.33	38.6	51.8
3"	33.3	25	19.5	25
4"	41	32	22.5	30
6"	33.3	25	19.5	25



ITEM NO:CPS012

CPVC STOP VALVE TYPE I

Nom Size	D	d	D1	G	L	H
20X½″	29.6	21.6	34.8	½″	23.5	80
25X¾″	36	26.99	42	¾″	24	82
32X1″	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
20X½″	29.6	21.6	34.8	½″	23.5	80
25X¾″	36	26.99	42	¾″	24	82
32X1″	43.7	33.7	51.7	1″	25	93

ITEM NO:CPS015

FEMALE ADAPTOR WITH BRASS

Nom Size	D1	D	d	L	NPT	H
½″	45.3	29.4	21.34	23	½″	40.5
½″×¾″	51.6	29.4	21.34	23	¾″	43.5
¾″	51.6	35	26.67	26	¾″	46.5
¾″×½″	45.3	35	26.67	26	½″	44.5
1″	59	43	33.4	29	1″	53.5
1″×¾″	51.6	43	33.4	29	¾″	50

ITEM NO:CPS016

FEMALE ELBOW WITH BRASS

Nom Size	D1	D	d	L	NPT	h	h1
½″	42.9	29.4	21.34	23	½″	39.4	28
½″×¾″	49.2	29.4	21.34	23	¾″	38.5	31.5
¾″	49.2	35	26.67	26	¾″	45.9	34.5
¾″×½″	42.9	35	26.67	26	½″	39.5	30.5
1¼″	67	52	42.16	32	1¼″	60	46.5
1½″	73	59	48.26	35	1½″	66	51
2″	87.6	72	60.33	39	2″	75	61

ITEM NO:CPS017

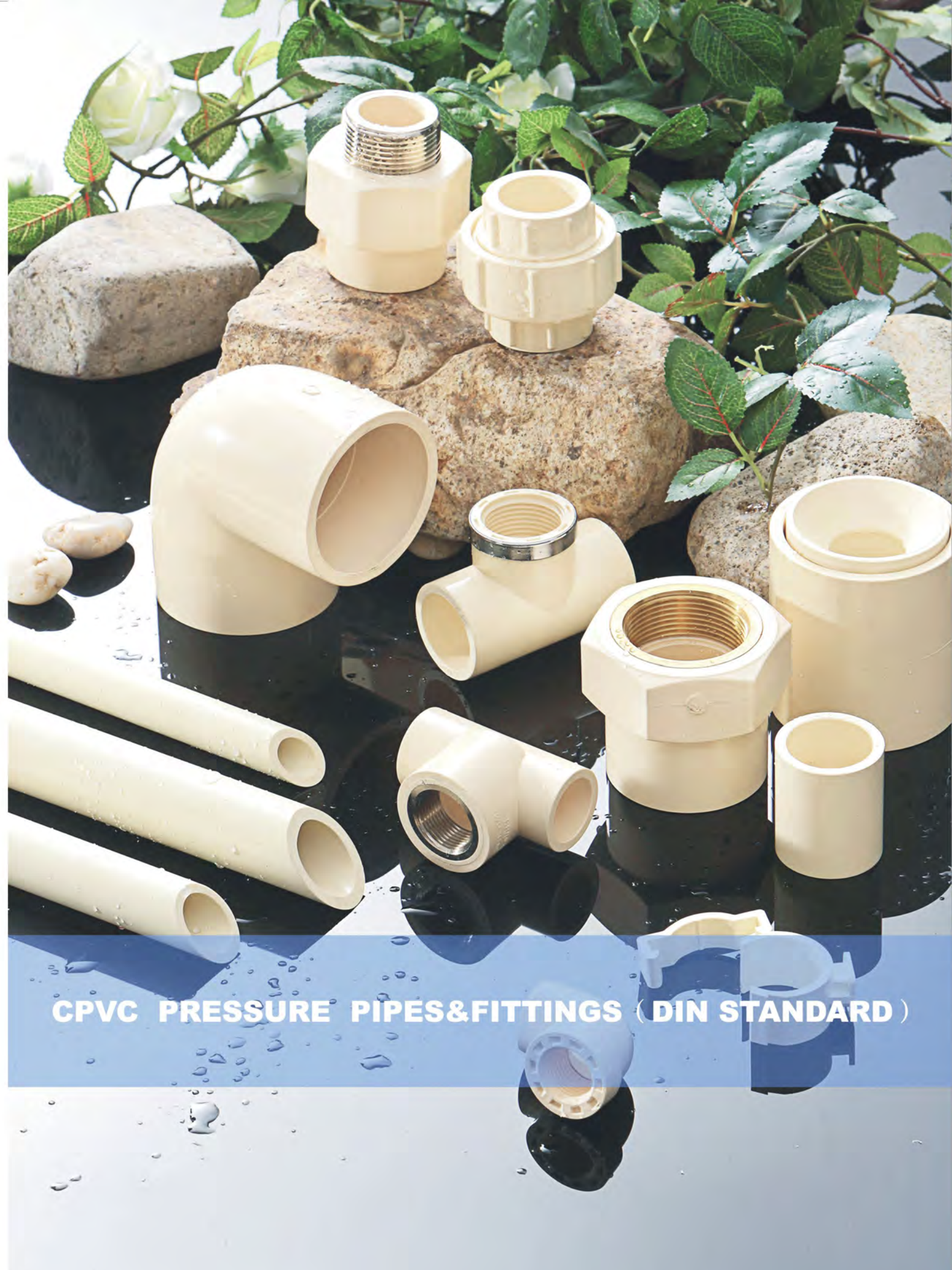
FEMALE TEE WITH BRASS

Nom Size	D1	D	d	L	NPT	h	h1
½″	42.9	29.4	21.34	23	½″	28	77
½″×¾″	49.2	29.4	21.34	23	¾″	31.5	77
¾″	49.2	35	26.67	26	¾″	34.5	92
¾″×½″	42.9	35	26.67	26	½″	30.5	79
1¼″	67	52	42.16	32	1¼″	46.5	120
1½″	73	59	48.26	35	1½″	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
½″	30.4	29.4	21.34	44.2	22.7	½″
¾″	36.1	35.1	26.67	48.9	25.9	¾″
1″	44.1	43.1	33.4	54.5	29.1	1″
1¼″	53.4	52.4	42.16	63.1	32.3	1¼″
1½″	60	59	48.26	69.7	35.4	1½″
2″	73	72	60.33	76.1	38.6	2″



CPVC PRESSURE PIPES&FITTINGS (DIN STANDARD)

ITEM NO: CP001

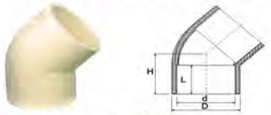
C-PVC PRESSURE PIPES(DIN8079)

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

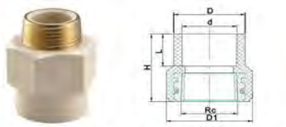
45° ELBOW

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

TEM 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

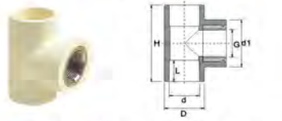
MALE ADAPTOR WITH BRASS INSERT

Nom Size	D1	D	d	L	H	Rc
20× ½"	40.6	28.3	20	16.5	39.8	1/2"
25×¾"	45.6	33.3	25	19.5	40.8	3/4"
32×1"	50.7	42	32	22.5	46.3	1"
40×1¼"	60.5	50	40	25.5	58.5	1¼"
50×1½"	70.3	62	50	30.5	65.5	1½"
63×2"	80.7	75.8	63	38.5	77.8	2"

ITEM NO: CP004

END CAP

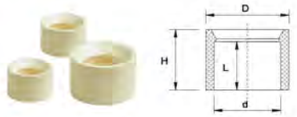
Nom Size	D	d	L	H	R
20	28.6	20	16.5	23.2	31.5
25	34.2	25	19.5	26.3	35.7
32	42.1	32	22.5	31.6	38
63	76.8	63	38.5	52	144.9



ITEM NO:CP017

TEE 90° ADAPTOR WITH BRASS INSERT

Nom Size	D	d	d1	G	L	H
25×¾"	33.3	25	43	¾"	19.5	70
25×½"	33.3	25	43	½"	19.5	70



ITEM NO: CP005

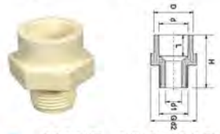
SHORT REDUCING BUSHES

Nom Size	D	d	L	H
25×20	25	20	17.1	19.8
32×20	32	20	16.5	22.5
32×25	32	25	18.7	22.1
63×32	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

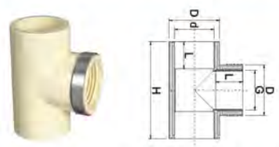


ITEM NO: CP018

MALE ADAPTOR

Nom Size	D	d	d1	d2	G	L	H
20× ½"	27.5	20	11.5	37	½"	16.5	40
25×¾"	33	25	16	41.6	¾"	19.5	44
32×1"	41	32	22	53.1	1"	22.5	48.5
63×2"	75	63	48.8	79.5	2"	38.5	76

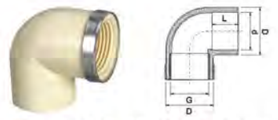
CPVC PRESSURE PIPES&FITTINGS (DIN STANDARD)



ITEM NO: CP007

EQUAL FEMALE THREAD TEE WITH STEEL RING

Nom Size	D	d	G	L	H
20× ½"	27.5	20	½"	17.3	55.3
32×1"	41	32	1"	22.5	78



ITEM NO: CP009

FEMALE THREADED ELBOW

Nom Size	D	d	G	L
32×1"	41	32	1"	22.5

ITEM NO: CP015

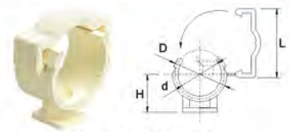
ELBOW 90° ADAPTOR WITH BRASS INSERT

Nom Size	D	d	d1	G	L
20×½"	27.5	20	39	½"	16.5
25×½"	33.3	25	43	½"	19.5
25×¾"	33.3	25	43	¾"	19.5

ITEM NO: CP010

FEMALE ADAPTOR WITH STEEL RING

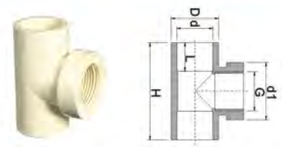
Nom Size	D	d	d1	G	L	H
20× ½"	36.5	20	28	½"	16.1	36.3
25×¾"	41.1	25	34.5	¾"	19.5	40.5
63×2"	85.9	63	75.8	2"	38	69



ITEM NO: CP012

MONO D'CLIPS

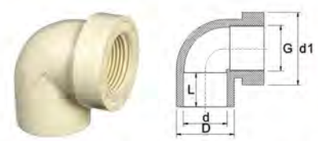
Nom Size	D	d	H	L
20	25.2	20	18	31.3
25	32	25	23	38.3
32	39	32	37.7	48.2



ITEM NO: CP011

REDUCED FEMALE THREADED TEE

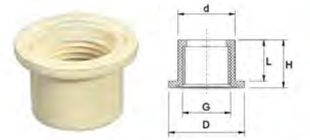
Nom Size	D	d	G	L	H	d1
25×½"	33	25	½"	19.5	67.3	41



ITEM NO: CP013

REDUCED FEMALE THREADED ELBOW

Nom Size	D	d	d1	G	L
20× ½"	27.5	20	33.3	½"	16.5
25× ½"	33	25	33	½"	19.5
25×¾"	33	25	41	¾"	19.5



ITEM NO: CP016

THREADED SHORT REDUCER

Nom Size	D	d	G	L	H
25× ½"	33	25	½"	18	21.5

ITEM NO: CP021

FEMALE ADAPTOR WITH BRASS INSERT

Nom Size	D1	D	d	L	H	Rc
20× ½"	40.6	28.3	20	16.5	39.8	1/2"
25×¾"	45.6	33.3	25	19.5	40.8	3/4"
32×1"	50.7	42	32	22.5	46.3	1"
40×1¼"	60.5	50	40	25.5	58.5	1¼"
50×1½"	70.3	62	50	30.5	65.5	1½"
63×2"	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 CTS PIPES & FITTINGS ASTM D2846

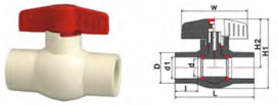
ITEM NO:CPA001

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
1¼"	34.9	3.18
1½"	41.3	3.76
2"	54	4.9

PRESSURE RATE: SDR13.5

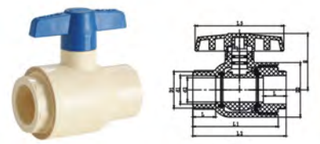
size	d (mm)	s (mm)
3/4"	22.2	1.73
1"	28.6	2.03
1¼"	34.9	2.59
1½"	41.3	3.06
2"	54	4



ITEM NO:CPAC01

COMPACT BALL VALVE

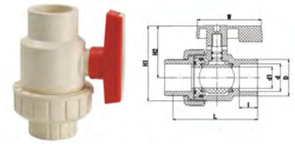
Nom Size	D1	d	D	L	I	W	H1	H2
15mm(1/2")	15.9	12.4	24	68.5	19	60	58	40.7
20mm(3/4")	22.2	18.4	32	84	24	70.2	73	51.6
25mm(1")	28.6	20.5	38.4	91	25	79	77	52.3
1 1/4"	34.9	25	45.8	105.5	28.5	100	93.5	65.2
1 1/2"	41.3	30.6	53.5	121	33.5	108	104.8	72.3
2"	54	41	68.4	149	43.5	130	122	82



ITEM NO:CPAC02

CPVC VALVE

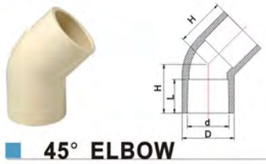
Nom Size	d1	d2	D1	D2	L	L1	L2	L3	H
1/2"	16.09	12.4	22.7	35	13	56	59	52	34.4
3/4"	22.46	18	29.8	44	18	73	76.6	70	45
1"	28.83	24.5	36.8	55	23	86	94	89.4	56.8
1¼"	35.2	33	47.2	66.5	28.1	103	113	96.6	70
1½"	41.66	35.5	54.8	73.3	33.5	115.8	131	108.2	79.1
2"	54.38	44	68.5	89	43.5	146.7	161.9	124.4	90.2



ITEM NO:CPAC02

SINGLE UNION BALL VALVE

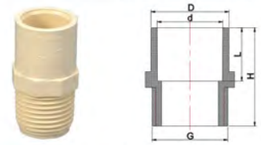
Nom Size	D	d	d1	I	L	W	H1	H2
1-1/4"	53.5	47.2	39	34	95.8	109.7	127	86.5
1-1/2"	61.6	50.3	39	34	113	109.7	127	86.5
2"	64.6	54	39	43.5	174	109.7	127	86.5



ITEM NO: CPA010

45° ELBOW

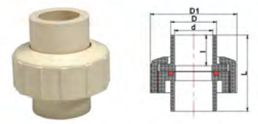
Nom Size	D	d	L	H
1/2"	20	15.9	13	18.8
3/4"	26.8	22.2	18	24.3
1"	34.5	28.6	23	30.9
1¼"	41.8	34.9	28.1	37.1
1½"	49.46	41.3	33.5	44
2"	64.58	54	43.5	56.5



ITEM NO:CPA005

MALE ADAPTOR

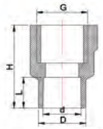
Nom Size	D	d	G	H	L
1/2"	21.5	15.9	1/2"	41.4	13
3/4"	26.8	22.2	3/4"	42	18
1"	34.5	28.6	1"	47	23
1¼"	41.8	34.9	1 1/4"	55	28.1
1½"	49.4	41.3	1 1/2"	62	33.5
2"	64.4	54	2"	75	43.5



ITEM NO:CPA007

II UNION

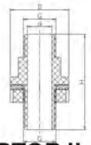
Nom Size	d	D	D1	I	L
15mm (1/2")	15.9	21.8	39.5	13	36.5
20mm (3/4")	22.2	32.5	53.5	22	53.5
25mm (1")	28.6	34.43	65	23	57.5
40mm (1¼")					
50mm (1½")					
63mm (2")					



ITEM NO:CPA008

FMALE ADAPTOR

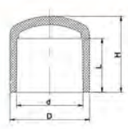
Nom Size	D	d	G	H	L
1/2"	20	15.9	1/2"	35	13
3/4"	26.8	22.2	3/4"	42	18
1"	34.5	28.6	1"	50	19.3
1¼"	41.8	34.9	1 1/4"	58	28.1
1½"	49.46	41.3	1 1/2"	68	33.5
2"	64.58	54	2"	87	43.5



ITEM NO:CPA012

MALE ADAPTOR II

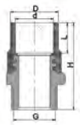
Nom Size	D	G	d	H
1/2"	39.4	1/2"	13.4	66
3/4"	45.4	3/4"	19	74.3
1"	51.4	1"	23.5	82



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
1¼"	41.8	34.9	28.1	41
1½"	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"
1¼"	44	34.9	80	28.1	1 1/4"
1½"	51.5	41.3	88	33.5	1 1/2"
2"	64.4	54	94	38.5	2"

ITEM NO:CPA011

CROSS TEE

Nom Size	D	d	L	H
½"	21.5	15.9	13	44
¾"	27	22.2	18	62
1"	34	28.6	23	80
1¼"	42	34.9	28	95.5
1½"	49	41.3	33	112
2"	65	54	43	145

ITEM NO:CPAB04

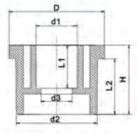
BRASS THREADED FEMALE ADAPTOR

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"
1¼"	44	34.9	77	28.1	1 1/4"
1½"	51.5	41.3	84	33.5	1 1/2"
2"	64.4	54	94	43.5	2"

ITEM NO: CPA001

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
1¼"	41.8	34.9	60	28.1
1½"	49.4	41.3	70.5	33.5
2"	64.4	54	90.5	43.5



ITEM NO: CPA009

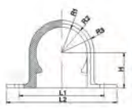
REDUCING BUSHES

Nom Size	D	d1	d2	d3	H	L1	L2
3/4"x 1/2"	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
11/4"x 1/2"	41.8	15.9	34.85	14.72	31	13	28.1
11/4"x 3/4"	41.8	22.2	34.85	21.1	31	18	28.1
11/4"x 1"	41.8	28.6	34.85	27.47	31	23	28.1
11/2"x 1/2"	49.5	15.9	41.2	14.72	36.3	13	33.5
11/2"x 3/4"	49.5	22.2	41.2	21.1	36.3	18	33.5
11/2"x 1"	49.5	28.6	41.2	27.47	36.3	23	33.5
11/2"x11/4"	49.5	34.9	41.2	33.85	36.3	28.1	33.5
2x11/2"	64.6	15.9	54	14.72	47	13	43.5
2x11/4"	64.6	34.9	54	33.85	47	28.1	42.5

ITEM NO: CPA002

90° ELBOW

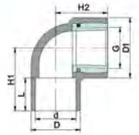
Nom Size	D	d	L	H
1/2"	21.5	15.9	13	23.1
3/4"	26.8	22.2	18	31.43
1"	34.5	28.6	23	39.22
1¼"	41.8	34.9	28.1	47.4
1½"	49.4	41.3	33.5	55.4
2"	64.4	54	43.5	72.5



ITEM NO:CPA006

BRACKET

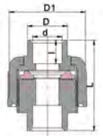
Nom Size	R1	R2	R3	H	L1	L2
2"	26.5	29.1	31.7	34.4	83.6	99
1 1/2"	20	22.5	25	28	68.6	84
1 1/4"	16.8	18.9	21	23.4	54	72.2
1"	14	15.6	17.2	19.4	43.2	55.6
3/4"	11	12.5	14	15.2	36.6	47.6
1/2"	7.8	9.2	10.6	12.6	27.6	39



ITEM NO: CPAB01

BRASS THREAD FEMALE ELBOW

Nom Size	D1	D	d	L	G	H1	H2
1/2"x 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"x 1/2"	33	26.85	22.2	18	1/2"	34.5	28.35
1"x 1/2"	33	34.43	28.6	23	1/2"	38.5	35.07



ITEM NO: CPA011

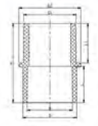
I UNION

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: CPAS01

STEP OVER BEND

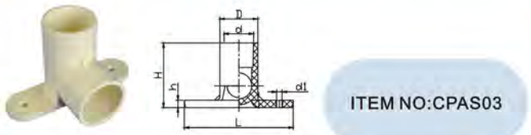
Nom Size	D	d	d1	d2	L	H	A
1/2"	21.5	15.9	12	17.4	13	180	26.5
3/4"	26.9	22.2	16.5	20.9	18	195	29.2
1"	34.5	28.6	21	26.6	23	215	32.4



ITEM NO:CPAS05

REDUCING RING (ASTMD2846 TO SCH80)

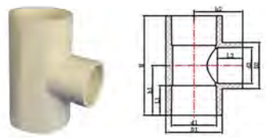
Nom Size	d	D	D1	D2	L	L1	H
1/2"	25	16.11	21.24	21.5	23.5	13	39
3/4"	30	22.45	26.57	26.85	26.5	18	47
1"	38	28.83	33.27	34.43	29	23	55
1¼"	46	35.2	42.04	41.8	32.5	28.1	62
1½"	41.66	49.46	48.11	56.8	33.5	36.4	73
2"	54.38	64.58	60.17	68.5	43.5	39.6	86.5



ITEM NO:CPAS03

FEMALE THREAD ELBOW WALL PLATE

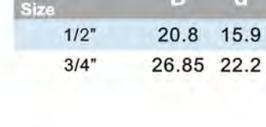
Nom Size	D	d	d1	H	h	L
1/2"	20.8	15.9	3	35.5	4	59.75
3/4"	26.85	22.2	3	46.5	4	74.75



ITEM NO:CPAS02

REDUCING TEE

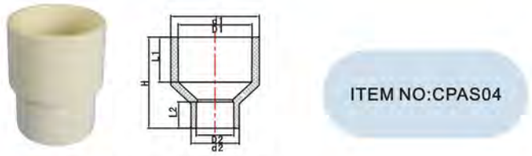
Nom Size	D1	d1	L1	h1	D2	d2	L2	H2	H
3/4"x 1/2"	26.85	22.2	18	27.25	20.08	15.9	13	25.33	54.5
1"x1/2"	34.4	28.6	23	32.4	20.08	15.9	13	28.81	64.8
1"x3/4"	34.4	38.6	23	35.6	26.85	22.2	18	33.8	71.2
11/4"x 1/2"	41.8	34.9	28.1	37.5	20.08	15.9	13	32	75
11/4"x 3/4"	41.8	34.9	28.1	41	26.85	22.2	18	37	82
11/4"x 1"	41.8	34.9	28.1	44	34.43	28.6	23	42	88
11/2"x 1/2"	49.46	41.3	35.5	43	20.08	15.9	13	35.5	86
11/2"x 3/4"	49.46	41.3	35.5	46.5	26.85	22.2	18	40.5	93
11/2"x 1"	49.46	41.3	35.5	49.6	34.4	28.6	23	43.46	99.2
11/2"x11/4"	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"x11/2"	64.58	54	43.5	63	41.8	34.9	28.1	57	126
2"x11/4"	64.58	54	43.5	66	49.46	41.3	33.5	62.5	132



ITEM NO: CPA004

TEE

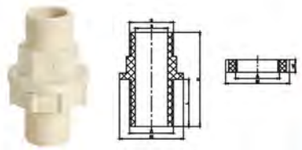
Nom Size	D	d	l	L	H
1/2"	21.5	15.9	13	43.8	21.9
3/4"	26.8	22.2	18	62	31
1"	34.5	28.6	23	80	40
1¼"	41.8	34.9	28.1	95.5	47.75
1½"	49.4	41.3	33.5	112	56
2"	64.4	54	43.5	145	72.5



ITEM NO:CPAS04

REDUCING SOCKET

Nom Size	D1	d1	L1	D2	D2	L2	H
3/4"x 1/2"	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
11/4"x 1/2"	41.8	34.9	28.1	20.08	15.9	13	44.1
11/4"x 3/4"	41.8	34.9	28.1	26.83	22.2	18	49.1
11/4"x 1"	41.8	34.9	28.1	34.43	28.6	23	54.1
11/2"x 1/2"	49.46	41.3	33.5	20.08	15.9	13	49.5
11/2"x 3/4"	49.46	41.3	33.5	26.85	22.2	18	54.5
11/2"x 1"	49.46	41.3	33.5	34.43	28.6	23	59.5
11/2"x11/4"	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"x11/2"	64.58	54	43.5	41.8	34.9	28.1	74.6
2"x11/4"	64.58	54	43.5	49.46	41.3	33.5	80



ITEM NO:CPAS07

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"
1¼"	31	61	45	90	12	1¼"
1½"	36	67	50	98	14	1½"
2"	45	79	55	106	14	2"

CPVC GLUE

Weight ML
80Z 237ML 160Z 480ML 320Z 960ML

STANDARD: QB/T 2568-2002

ITEM NO:CPAB06

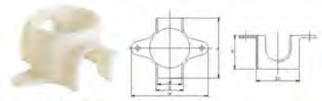
II BRASS MALE THREAD ADAPTOR

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"
1¼"	44	28.5	35.2	73.6	28.1	1¼"
1½"	51.5	33.5	41.67	81	33.5	1½"
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	½"	18	54
1"x1/2"	35	28.83	14	½"	23	55.5



ITEM NO: CPAS09

TEE HOLDER

Nom Size	D	D1	d	W	L	H
½" x½" x½"	22. 68	35. 8	20. 08	63. 87	50	28
¾" x¾" x½"	29. 45	35. 8	26. 85	64	56. 2	35

ITEM NO: CPA012

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

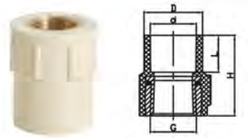
II BRASS FEMALE THREAD ADAPTOR

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
1¼"	44	35.2	60.5	1¼"	28.1	59.6
1½"	51.5	41.67	68	1½"	33.5	70
2"	66	54.38	82	2"	43.5	82

ITEM NO:CPAS07

FEMALE ELBOW WITH BRACKET

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



ITEM NO:CPAB05

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"

ITEM NO:CPAS05

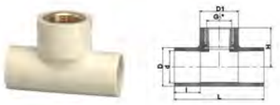
REDUCING ELBOW

Nom Size	D1	d1	D2	d2	L1	L2	H1	H2
3/4"x 1/2"	26.85	22.2	20	15.9	18	13	39.5	40.5

ITEM NO:CPAS06

REDUCING MALE ADAPTOR

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



ITEM NO:CPAB02

BRASS THREADED FEMALE TEE

Nom Size	D1	D	d	l	G	L	H
1/2"x 1/2"	33.2	20	15.9	13	1/2"	52	39
3/4"x 1/2"	33.2	26.8	22.2	18	1/2"	68.5	31.5
1"x 1/2"	34.9	34.5	28.6	23	1/2"	80	35

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

PIPES (PN20) LENGTH:4M

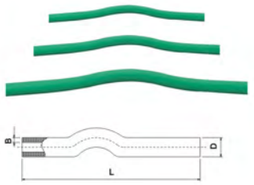
Size Nom	Outer Dia	Wall Thickness
20	20	2.8
25	25	3.5
32	32	4.4
40	40	5.5
50	50	6.9
63	63	8.6
75	75	10.3
90	90	12.3
110	110	15.1

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

PIPES (PN25) LENGTH:4M

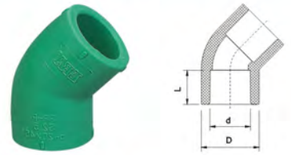
Size Nom	Outer Dia	Wall Thickness
20	20	3.4
25	25	4.2
32	32	5.4
40	40	6.7
50	50	8.3
63	63	10.5



ITEM NO: PR002

STEP OVER BEND

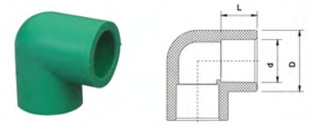
Nom Size	Pressure	D	B	L
20	1.25	20	2.0	400
20	1.6	20	2.3	400
20	2.0	20	2.8	400
20	2.5	20	3.4	400
25	1.25	25	2.3	400
25	1.6	25	2.8	400
25	2.0	25	3.5	400
25	2.5	25	4.2	400
32	1.25	32	2.9	400
32	1.6	32	3.6	400
32	2.0	32	4.4	400
32	2.5	32	5.4	400



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



ITEM NO: PRE02

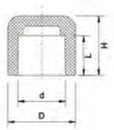
90° ELBOW

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

ITEM NO: PRT03

FEMALE THREAD TEE

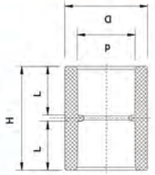
Nom Size	D	d	L	G	H	D1
20×½″	27.4	19	16.1	½″	56.0	43.6
20×¾″	27.8	19	16.1	¾″	62	47
25×½″	34.8	24	18.1	½″	64.2	44
25×¾″	34.8	24	18.1	¾″	64.2	49
32×1″	42.8	30.4	21.4	1″	81.2	64.5
32×½″	42.8	30.4	20.2	½″	70	46.4
32×¾″	42.4	30.4	20.2	¾″	76.0	49



ITEM NO: PR006

END CAP

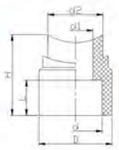
Nom Size	D	d	L	H
16	21.8	15	14.5	19.5
20	27.4	19	16.1	24.3
25	34.8	24	18.1	24.7
32	42.6	30.9	20.1	30.2
40	52.5	38.8	22.1	31.2
50	66.1	48.9	25.1	35.3
63	82.7	61.7	28.7	41.4
75	99.2	73.4	34.2	53.2
90	119.2	88.8	38	64.2
110	145.8	108.3	46.7	69.8



ITEM NO: PR003

SOCKET

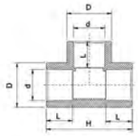
Nom Size	D	d	L	H
16	21.8	15	14.5	19.5
20	27.4	19	15.7	34.3
25	34.8	24	17.5	38.0
32	42.4	30.9	19.2	41.8
40	52.5	38.8	22.1	47.3
50	66.3	48.9	25.1	53.8
63	83.3	61.7	29.1	61.3
75	99.2	73.4	32	68.4
90	119.0	88.8	36	77.0
110	147.0	108.3	42	89.8



ITEM NO:PRS001

WELD IN SADDLE

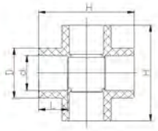
Nom Size	D	d	L	d1	d2	H
32	42.5	32	20.5	20.4	32	47



ITEM NO: PRT01

STRAIGHT TEE

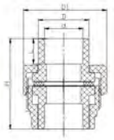
Nom Size	D	d	L	H
16	21.8	15	14.5	46
20	27.9	19	16.1	53.0
25	34.8	24	18.1	63
32	42.4	30.9	20.1	74
40	52.6	38.8	22.1	85.3
50	66.1	48.9	25.1	100.7
63	83.1	61.7	29.1	121.7
75	99.2	73.4	32	141.7
90	120.0	88.8	36	168.3
110	146.0	108.3	42	197.4



ITEM NO:PRC001

CROSS

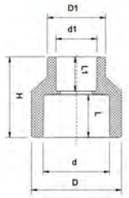
Nom Size	D	d	L	H
20	27.4	20	16	53
25	34.8	25	18	63
32	42.4	32	20	74



ITEM NO:PRU001

UNION TWO SIDE WELD

Nom Size	D1	D	d	L	H
32×1″	65	41	32	21	73

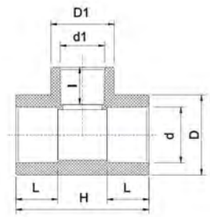


ITEM NO: PR004

REDUCING SOCKET

Nom Size	D	d	L	D1	d1	L1	H
20×16							
25×20	34.8	24	18.1	27.4	19	16.1	34.4
32×20	42.4	30.9	20.1	27.4	19	16.1	38
32×25	42.4	30.9	20.1	34.8	24	17.4	39.6
40×20	52.6	38.8	22.1	27.4	19	16.1	50
40×25	52.6	38.8	22.1	34.8	24	18.1	49.6
40×32	52.6	38.8	22.1	42.4	30.9	20.1	44.3
50×20	66.0	48.9	25.1	27.4	19	16.1	55.9
50×25	66.0	48.9	25.1	34.8	24	18.1	57
50×32	66.0	48.9	25.1	42.4	30.9	20.1	56
50×40	66.1	48.9	25.1	52.6	38.8	22.1	50.2
63×25	82.7	61.7	29.1	34.8	24	18.1	62.7

Nom Size	D	d	L	D1	d1	L1	H
63×32	82.7	61.7	29.1	42.4	30.9	20.1	63.4
63×40	83.1	61.7	29.1	53.0	38.8	22.1	63.3
63×50	83.1	61.7	29.1	66.7	48.9	25.1	56.7
75×40	99.2	73.4	32	53.2	38.8	22.1	69.0
75×50	99.2	73.4	32	66.6	48.9	25.1	69
75×63	99.2	73.4	32	83.1	61.7	29.1	66.5
90×50	119.0	88.8	36	66.8	48.9	25.1	78.5
90×63	119.6	88.8	39	83.1	61.7	29.1	82.7
90×75	119.6	88.8	39	99.2	73.4	32	74.8
110×63	145.5	108.3	42	84.4	61.7	30	91
110×75	145.5	108.3	42	100.0	73.4	32	91.4
110×90	146.0	108.3	42	121.0	88.8	37	82.0



ITEM NO: PRT02

REDUCING TEE

Nom Size	D	D1	d	d1	L	l	H
25×20	34.8	27.4	24	19	18.1	16.1	57.7
32×20	42.4	27.4	30.9	19	20.1	16.1	62.2
32×25	42.4	34.8	30.9	24	20.1	17.5	67.3
40×20	52.6	28.0	38.8	19	22.1	16.1	65.8
40×25	52.6	35.3	38.8	24	22.1	18.1	70.8
40×32	52.6	42.4	38.8	30.9	22.1	21.2	81
50×20	66.1	28.2	48.9	19	25.1	16.0	75.2
50×25	66.1	35.4	48.9	24	25.1	18.1	77
50×32	66.1	42.8	48.9	30.9	25.1	20.1	83.4
50×40	66.1	53.0	48.9	38.8	25.1	22.1	94.7
63×20	83.1	28.0	61.7	19	29.1	18.1	83.4
63×25	83.1	35.4	61.7	24	29.1	18.1	84.4
63×32	83.1	42.4	61.7	30.9	29.1	20.1	91.23
63×40	83.1	52.6	61.7	38.8	29.1	22.1	103

Nom Size	D	D1	d	d1	L	l	H
63×50	83.1	66.1	61.7	52.6	29.1	25.1	112.6
75×32	99.2	42.4	73.4	30.9	32	20.9	97.8
75×40	100.3	53.2	73.4	38.8	32	22.1	106.7
75×50	99.2	66.1	73.4	52.6	32	25.1	119.9
75×63	99.2	83.1	73.4	61.7	31.1	29.1	130
90×40	119.6	53.4	88.8	38.8	36	22.1	114.2
90×50	120.6	66.6	88.8	52.6	36	25.1	126.5
90×63	120.6	84.2	88.8	61.7	36	29.1	124.2
90×75	120.6	99.2	88.8	73.4	36	32	15.9
110×50	147.5	67.6	107.5	52.6	42	26.1	138.2
110×63	147.5	84.1	107.5	61.7	42	30.0	151.0
110×75	147.8	99.9	107.5	73.4	42	32	162.4
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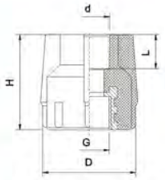
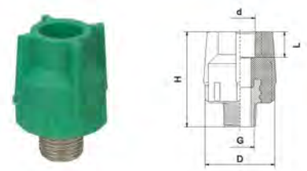


ITEM NO: PR007

FEMALE THREAD BUSH

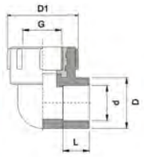
Nom Size	D	d	G	L	H
20×½″	43.6	19	½″	16.1	45.9
25×½″	43.6	24	½″	19.2	45.4
25×¾″	49.5	24	¾″	17.8	45.6
32×1″	64.4	30.9	1″	20.1	58.3
40×1¼″	76.8	38.8	1¼″	22.1	71.5
50×1½″	86	48.9	1½″	25.1	71.5
63×2″	95	61.7	2″	29.1	94.5
20×¾″	49	19	¾″	16.1	46.3
32×½″	46.8	30.5	½″	21.0	46.7
32×¾″	48.8	30.5	¾″	20.7	47.4



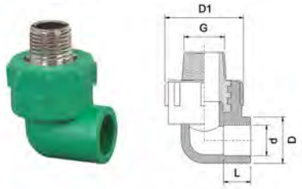
ITEM NO: PR008

MALE THREAD BUSH

Nom Size	D	d	G	L	H
20×½″	44	19	½″	16.1	61.7
25×½″	44	24	½″	18.1	62.0
25×¾″	49	24	¾″	18.1	61.5
32×1″	64.4	30.9	1″	20.1	78.3
40×1¼″	76.8	38.8	1¼″	22.1	93.5
50×1½″	86	48.9	1½″	25.1	94.4
63×2″	95	61.7	2″	29.1	112
20×¾″	48.7	19	¾″	16.1	62
32×½″	46.4	30.5	½″	20.1	64.0
32×¾″	49.1	30.5	¾″	20.1	62



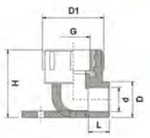
ITEM NO: PRE03



ITEM NO: PRE05

FEMALE THREAD ELBOW

Nom Size	D	d	G	L	D1
20×½″	27.4	19	½″	16.1	43.2
20×¾″	28	18.6	¾″	16.1	47
25×½″	34.8	24	½″	18.1	44
25×¾″	34.8	24	¾″	18.1	49
32×½″	42.6	30.6	½″	20.1	49.7
32×¾″	42.6	30.6	¾″	20.1	48.3
32×1″	42.6	30.9	1″	20.6	65.0



ITEM NO: PRE04

MALE THREAD ELBOW

Nom Size	D	d	G	L	D1
20×½″	28.1	19	½″	16.1	43.5
20×¾″	27.4	18.2	¾″	16.2	47
25×½″	34.8	24	½″	18.1	44
25×¾″	34.8	24	¾″	18.1	49
32×½″	43.0	30.4	½″	20.2	48.6
32×¾″	43.0	30.4	¾″	20.2	49
32×1″	42.4	30.4	1″	20.8	65.1

ITEM NO: PRE06

FEMALE THREAD ELBOW WALL PLATE

Nom Size	D	d	G	L	H	D1
20×½″	27.4	19	½″	16.1	49.3	43
25×½″	34.8	24	½″	18.1	55.3	43
25×¾″	34.8	24	¾″	18.1	54.1	49

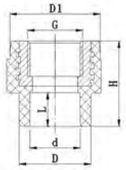
MALE THREAD ELBOW WALL PLATE

Nom Size	D	d	G	L	H	D1
20×½″	27.9	19	½″	16.1	64.2	43.5
25×½″	34.8	24	½″	18.1	68.4	43.5
25×¾″	35.2	24	¾″	18.1	72.8	49

ITEM NO: PR027

II MALE THREAD BUSH

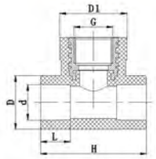
Nom Size	D	d	G	L	H	D1	Carton size mm*mm*mm	Qty/ctn pc	Weight/ctn Kgs
20×½″	27.6	19.0	½″	16.1	63	41	215x205x305	100	8.9
25×½″	33.8	24.0	½″	18.5	64.5	35.2	200x160x240	100	10.4
25×¾″	33.8	24.0	¾″	15.5	57.6	43	255x215x325	100	12.4
32×1″	43.2	30.9	1″	18.5	64.5	50.2	295x265x365	100	19
50×1½″	64.4	48.9	1½″	23.6	76.6	69.2	300x225x205	36	13.5



ITEM NO: PR028

II FEMALE THREAD BUSH

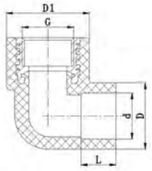
Nom Size	D	d	G	L	H	D1	Carton size mm*mm*mm	Qty/ctn pc	Weight/ctn Kgs
20×½″	27.6	19.0	½″	15.0	40	41.1	205x165x215	100	6.7
25×½″	34.2	24.0	½″	15.5	41	35.3	218x155x200	100	6.9
25×¾″	34.5	24.0	¾″	16.1	41	43.4	235x195x220	100	12
32×1″	43.2	30.9	1″	18.5	46.5	50.2	300x240x265	100	16
50×1½″	64.4	48.9	1½″	23.6	56.6	69.2	300x225x185	36	9.7



ITEM NO: PR029

II FEMALE THREAD TEE

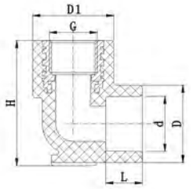
Nom Size	D	d	G	L	H	D1	Carton size mm*mm*mm	Qty/ctn pc	Weight/ctn Kgs
20×½″	29	19.0	½″	16.1	57.3	38.4	255x205x295	100	8.1
25×½″	32.8	24.0	½″	15.5	64.2	36.2	190x270x300	100	8.5



ITEM NO: PR031

II FEMALE THREAD ELBOW

Nom Size	D	d	G	L	D1	Carton size mm*mm*mm	Qty/ctn pc	Weight/ctn Kgs
25×¾″	34.8	24.0	¾″	18.1	43.4	360x240x210	100	10.8
32×1″	42.6	30.9	1″	18.5	51	395x220x230	100	13.63



ITEM NO: PR032

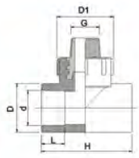
II FEMALE THREAD ELBOW WITH PLATE

Nom Size	D	d	G	L	H	D1	Carton size mm*mm*mm	Qty/ctn pc	Weight/ctn Kgs
20×½″	29	19.0	½″	14	50.8	35.6	215x215x295	100	7.8
25×½″	34	24.0	½″	16.1	55	35.6	255x215x295	100	10.8

ITEM NO: PR034

PPR CUTTER

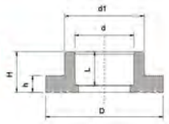
Nom Size	Carton size mm*mm*mm	Qty/ctn pc	Weight/ctn Kgs
20mm-32mm	504x486x217	50.0	26
20mm-63mm	450x440x330	20.0	23.3
20mm-110mm	365x380x325	12.0	22



ITEM NO: PRT04

MALE THREAD TEE

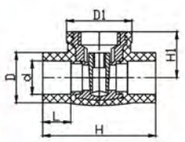
Nom Size	D	d	L	G	H	D1
20×½″	27.9	19	16.1	½″	56.4	43.5
20×¾″	27.4	19	16.1	¾″	62	47
25×½″	35.2	24	18.1	½″	64.2	44
25×¾″	35.2	24	18.1	¾″	64.2	49
32×½″	42.6	30.2	20.2	½″	70	46.4
32×¾″	42.6	30.2	20.2	¾″	76.5	49
32×1″	42.6	30.9	21.2	1″	81.2	65.1



ITEM NO: PR005

SHORT PIPE FOR FLA NGE

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



ITEM NO:PRG001

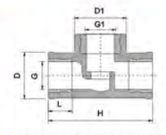
GATE VALVE

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

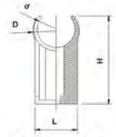
Nom Size	D	d	G	L	H	D1
20	29.0	19	½″	16.1	70.7	34.8
25	36.8	24	¾″	18.1	83	44.7
32	43.4	30.9	¾″	20.1	86.5	45.2
40	55.6	38.6	1″	22.5	97.4	55.5
50	70.1	48.9	1¼″	25.5	121.6	66.3
63	87.1	61.7	1½″	28.7	133.1	74.8
75	103.2	73.4	2¼″	32	167.6	98
90	123.6	88.8	2¾″	36	201.9	118
110	149.5	107.5	3½″	42	245.6	147



ITEM NO: PR011

STOP VALVE(W/SCREW END)

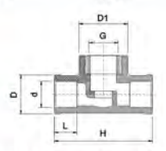
Nom Size	D	G	G1	L	H	D1
20	34.7	½″	½″	16.1	70.4	35.3
25	40.2	¾″	¾″	18.1	83.7	44.6
32	47.4		1″	20.1	87.2	45.9



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

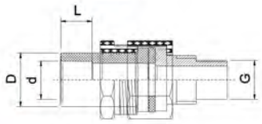


ITEM NO: PR017

I STOP VALVE WITH CROM HANDLE

Nom Size	D	d	G	L	H	D1
20	29.0	19	½″	16.1	70.7	34.8
25	36.8	24	¾″	18.1	83	44.7
32	43.4	30.9	¾″	20.1	86.5	45.2

ITEM NO: PR009



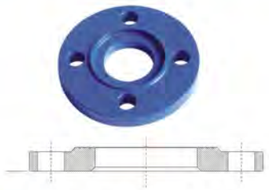
COMBINING JOINT

Nom Size	D	d	L	G
20	27.4	19	16.1	½"
25	34.8	24	18.1	¾"
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

FLA NGE SOCKET

Nomial diameter D mm				
40	50	63	75	110

ITEM NO: PR013

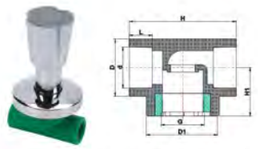
HEAT-FUSED MACHINE

HEAT-FUSED JOINT	
Ø20—Ø63	Ø20 Ø25
	Ø32 Ø40
	Ø50 Ø63
Ø75—Ø110	Ø75 Ø90
	Ø110

ITEM NO: PR019

UNION

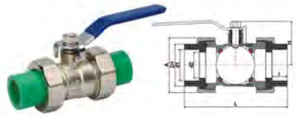
Nom Size	D1	D2	d1	I	L
			19/20.8/21.2		
25	57.3	34.8	24/25.2/25.8	24.0	64.2
32	68.2	42.4	30.9/32.6/33	27.4	71.2
40	82.2	52	38.8/40.9	31.0	86.4
50	98.3	61.5	46.9/48.9	34	90.5
63	120	75.8	58.5/61.7	38.6	107.0



ITEM NO: PR018

Ⅱ STOP VALVE WITH CROME HANDLE

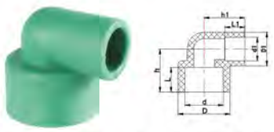
Nom Size	D	d	G	L	H	D1	H1
20×3/4"	28	19	3/4"	16	73.6	44.8	29.4
25×1"	33.2	24	1"	16.5	80.5	56	35.9
32×1"	43.2	30.9	1"	17.3	80.5	53.5	36.4



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

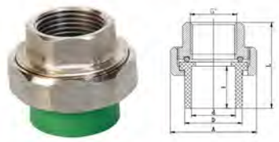
REDUCING ELBOW

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

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 "	3532	32.3	Tr27x2	11	49.4	53.1	68.2



ITEM NO:PR022

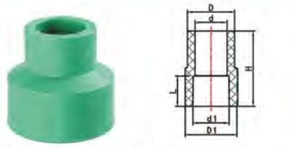
FEMALE BRASS UNION

Nom Size	A	D	d	I	L	G
20× ½"	43.7	27.8	19	16	42.6	1/2"
25×¾"	50.2	34.5	24	17.7	46	3/4"
32×1"	59.9	42.5	30.9	19.3	49	1"
40×1¼"	74.2	52.1	38.8	21	53.5	11/4"
50×1½"	91.2	65.4	48.9	24	57	11/2"
63×2"	104	79	61.7	27	63	2"

ITEM NO:PR024

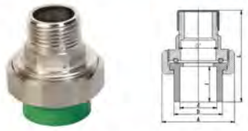
PPR BRIDGE

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



SOCKET M/F

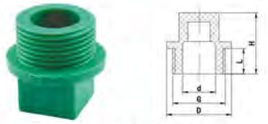
Nom Size	D1	d1	D	d	L1	H
25x20	27.4	19	25	17	16.1	40
20X16	21.8	15	27.4	19	14.5	34.4
25X16	21.8	15	34.8	24	14.5	37.3
32X16	21.8	15	42.4	30.9	14.5	41



ITEM NO:PR023

MALE THREAD UNION

Nom Size	A	D	d	I	L	G
20× ½"	39.3	26.4	19	16	53.6	1/2"
25×¾"	50.2	34.5	24	17.7	59.7	3/4"
32×1"	59.9	42.5	30.9	19.3	67	1"
40×1¼"	74.2	52.1	38.8	21	73	11/4"
50×1½"	91.2	65.4	48.9	24	80.5	11/2"
63×2"	104	79	61.7	27	89.2	2"



ITEM NO: PR026

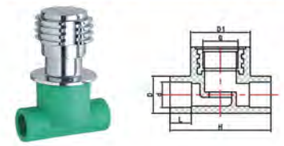
THREAD PLUG

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	¾"
25	35.5	24	18.1	81	46	¾"

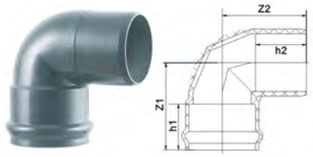
ITEM NO: PRV001

PPR POUBLE FEMALE THREAD ELBOW WITH PLATE

Nom Size	D	d	D1	G	H1	H2	H	L1	L2
20x½"	29.8	19	39	½"	10.5	18	52.5	150	224.7
25x½"	36	24	39	½"	11.6	21	58	150	231.2

PVC PRESSURE FITTINGS WITH GASKET

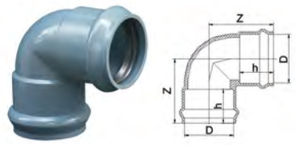
PVC PRESSURE FITTINGS WITH GASKET



ITEM NO:GP001

ONE FAUCET ONE INSERT 90°ELBOW

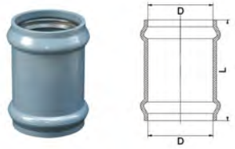
Spec	Z1	Z2	h1	h2
225	312	296	166	170
250	337.5	340	182	178
315	393	378	198	222



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

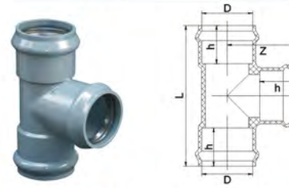
TWO FAUCET COUPLING

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

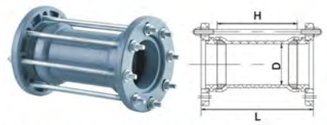
Spec D	Z	h
63	92	76
75	103.5	81.5
90	136	114
110	162.5	122
160	183	141.5
200	210	155
225	222	166
250	248	180
315	298	195
355	292	205



ITEM NO:GP005

THREE FAUCET REGULAR TEE

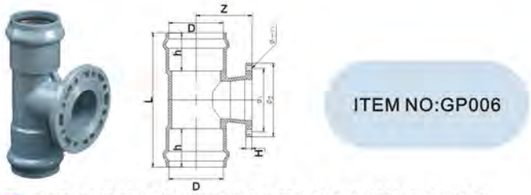
Spec D	L	h	Z
63	224	76	112
75	245	81.5	122.5
90	330	115	165
110	410	122	206
160	473	141.5	238
200	560	152	280
225	615	166	308
250	666	176	333
315	780	198	390
355	786	206	393



ITEM NO:GP021

REPAIRING JOINT

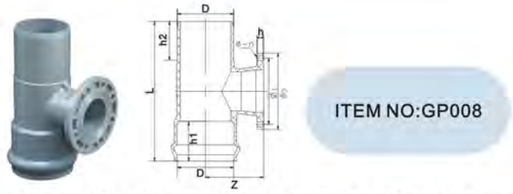
Spec D	L	H
110	305	221
160	365	252
200	410	290
225	—	315
250	430	335
315	—	390



ITEM NO:GP006

TWO FAUCET ONE FLANGE REGULAR TEE

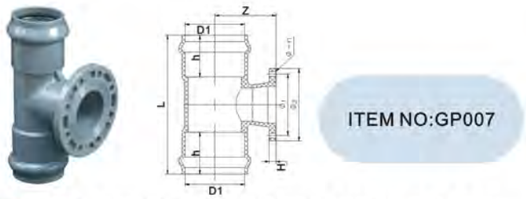
Spec D	L	h	z	Φ1	Φ2	H	Φ-n
110	413	122	158	180	225	21	17.5-8
160	475	141.5	191	240	285	24	22-8
200	560	155	217.5	295	340	28	22-8
225	611	166	260	295	340	30	22-8



ITEM NO:GP008

ONE FAUCET ONE FLANGE ONE INSERT REGULAR TEE

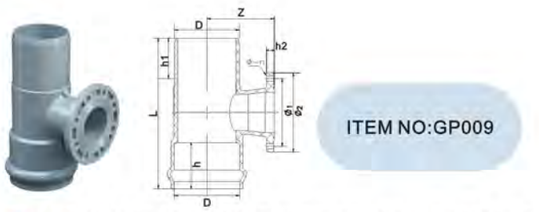
Spec D	L	h1	h2	h	Φ1	Φ2	Z	Φ-n
110	410	122	127	21	180	225	158	17.5x8
160	480	141.5	144	24	240	285	191	22x8
200	560	155	155	28	295	340	217.5	22x8
225	615	166	167	30	295	340	260	22x8



ITEM NO:GP007

TWO FAUCET ONE FLANGE REDUCING TEE

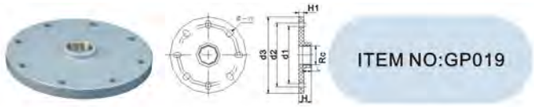
Spec D1xD2	L	h	Z	Φ1	Φ2	H	Φ-n
160x110	428	141.5	191	180	225	21	17.5-8
200x110	475	155	210	180	225	21	17.5-8
200x160	535	155	216.5	240	285	24	22-8
225x110	490	166	225	180	225	21	17.5-8
225x160	540	166	230	240	285	24	22-8
250x110	520	180	238	180	225	21	17.5-8
250x160	573	180	240	240	285	24	22-8
250x200	623	180	260	295	340	28	22-8
315x110	580.5	198	279	180	225	21	17.5-8
315x160	618	198	277	240	285	24	22-8
315x200	663	198	292	295	340	28	22-8



ITEM NO:GP009

ONE FAUCET ONE INSERT ONE FLANGE REDUCING TEE

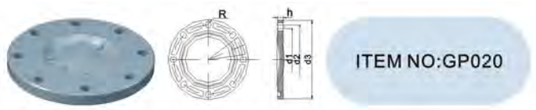
Spec D	L	h	h1	h2	Φ1	Φ2	Z	Φ-n
160x110	440	141.5	144	21	180	225	191	17.5x8
200x110	477	155	155	21	180	225	210	17.5x8
200x160	530	155	155	24	240	285	216.5	22x8
225x110	495	166	167	21	180	225	225	17.5x8
225x160	550	166	167	24	240	285	230	22x8
250x110	515	180	182	21	180	225	238	17.5x8
250x160	570	180	182	24	240	285	240	22x8
250x200	616	180	180	28	295	240	260	22x8
315x110	575	198	197	21	180	225	279	17.5x8
315x160	618	198	197	24	240	285	277	22x8
315x200	663	198	197	28	295	340	292	22x8



ITEM NO:GP019

COOPER SCREW BLANK FLANGE

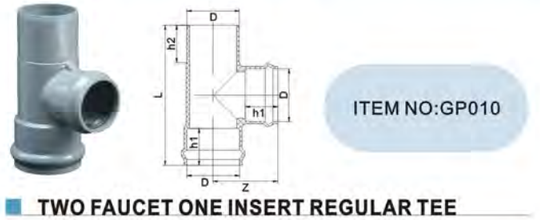
Spec D	d1	d2	d3	H	H1	L	Φ-n
110x2"	170	180	225	38	20	28	17.5x8
160x2"	230	240	285	41.5	25	28	17.5x8
200x2"	295	—	340	43	28	28	22x8



ITEM NO:GP020

BLANK FLANGE

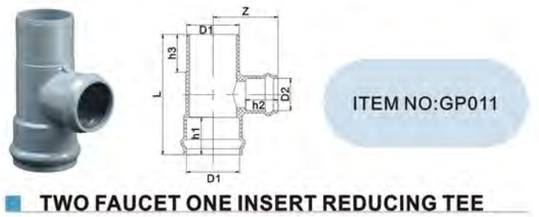
Spec D	d1	d2	d3	h	n	R
110	170	180	225	20	8	11
160	230	240	285	25	8	9
200	295	—	340	28	8	11



ITEM NO:GP010

TWO FAUCET ONE INSERT REGULAR TEE

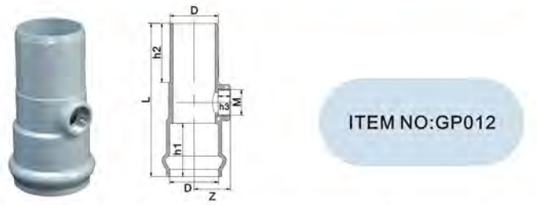
Spec D	L	h1	h2	Z
110	410	122	130	206
160	480	141.5	144	238
200	560	155	155	280
225	615	166	167	308
250	670	180	182	333
315	780	198	198	390



ITEM NO:GP011

TWO FAUCET ONE INSERT REDUCING TEE

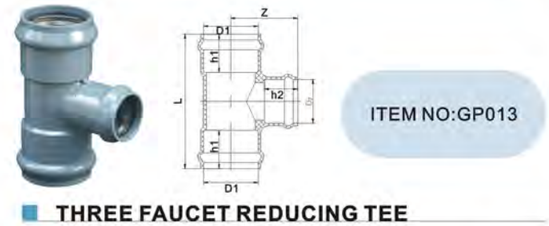
Spec D1xD2	L	h1	h2	h3	Z
160x110	440	141.5	122	144	220
200x110	477	155	122	155	235
200x160	530	155	141.5	155	255
225x110	495	166	122	167	250
225x160	550	166	141.5	167	270
250x110	515	180	122	182	265
250x160	570	180	141.5	182	285
250x200	616	180	155	182	315
315x110	575	198	122	197	312
315x160	618	198	141.5	197	318
315x200	663	198	155	197	344



ITEM NO:GP012

ONE FAUCET ONE INSERT COPPER SCREW TEE

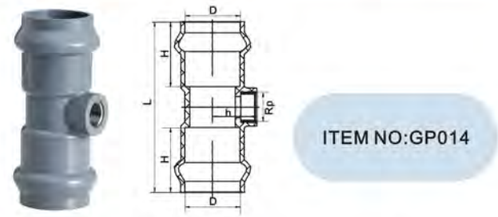
Spec DxRp	L	h1	h2	h3	Z
110x2"	340	122	130	28	81
160x2"	380	141.5	144	28	103
200x2"	410	155	155	28	122.5



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

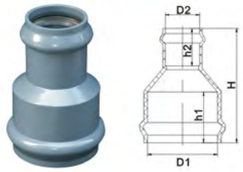


ITEM NO:GP014

TWO FAUCET COPPER SCREW TEE

Spec DxRp	H	h	L
63x3/4"	76	52	200
63x1"	76	52	200

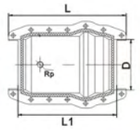
PVC PRESSURE FITTINGS WITH GASKET



ITEM NO:GP015

TWO FAUCET REDUCER

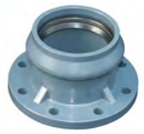
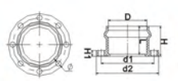
Spec D1xD2	H	h1	h2
90x63	210	115	76
90x75	212	115	81.5
110x63	230	122	76
110x90	255	123	116
160x110	305	140	122
200x110	324	156	122
200x160	325	155	140
225x110	362	160	122
225x160	355	160	140
225x200	355	160	155
250x110	388	175	122
250x160	375	175	140
250x200	372	175	155
250x225	375	175	165
315x160	431	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

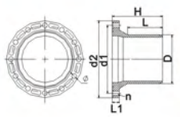
Spec D	L	L1	Rp	No. size and length of nuts
90	313	260	1/2"	12-M10x70
110	340	280	1/2"	12-M12x70
125	345	284	1/2"	12-M12x70
140	347	286	1/2"	12-M12x70
160	382	320	1/2"	14-M12x80
200	462	400	1/2"	16-M12x80
225	462	400	1/2"	16-M12x80
250	494	430	1/2"	18-M12x90
315	525	450	1/2"	18-M12x90
355	545	470	1/2"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

ITEM NO:GP017

FAUCET FLANGE

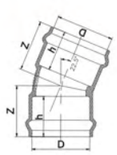
SpecD	d1	d2	H	H1	L	Φ	n
63	125	165	88	16	76	17.5	4
75	145	185	92	16	81.5	17.5	4
90	160	200	122	20.5	113.5	17.5	8
110	180	225	148.5	21	124	17.5	8
160	240	285	154	24.5	142	22	8
200	295	336	167.5	27	153	22	8
225	295	340	173.5	31	163	22	8
250	350	395	188	33	177	22	12
315	400	445	215	36.5	199	22	12
355	445-460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



ITEM NO:GP018

INSERT FLANGE

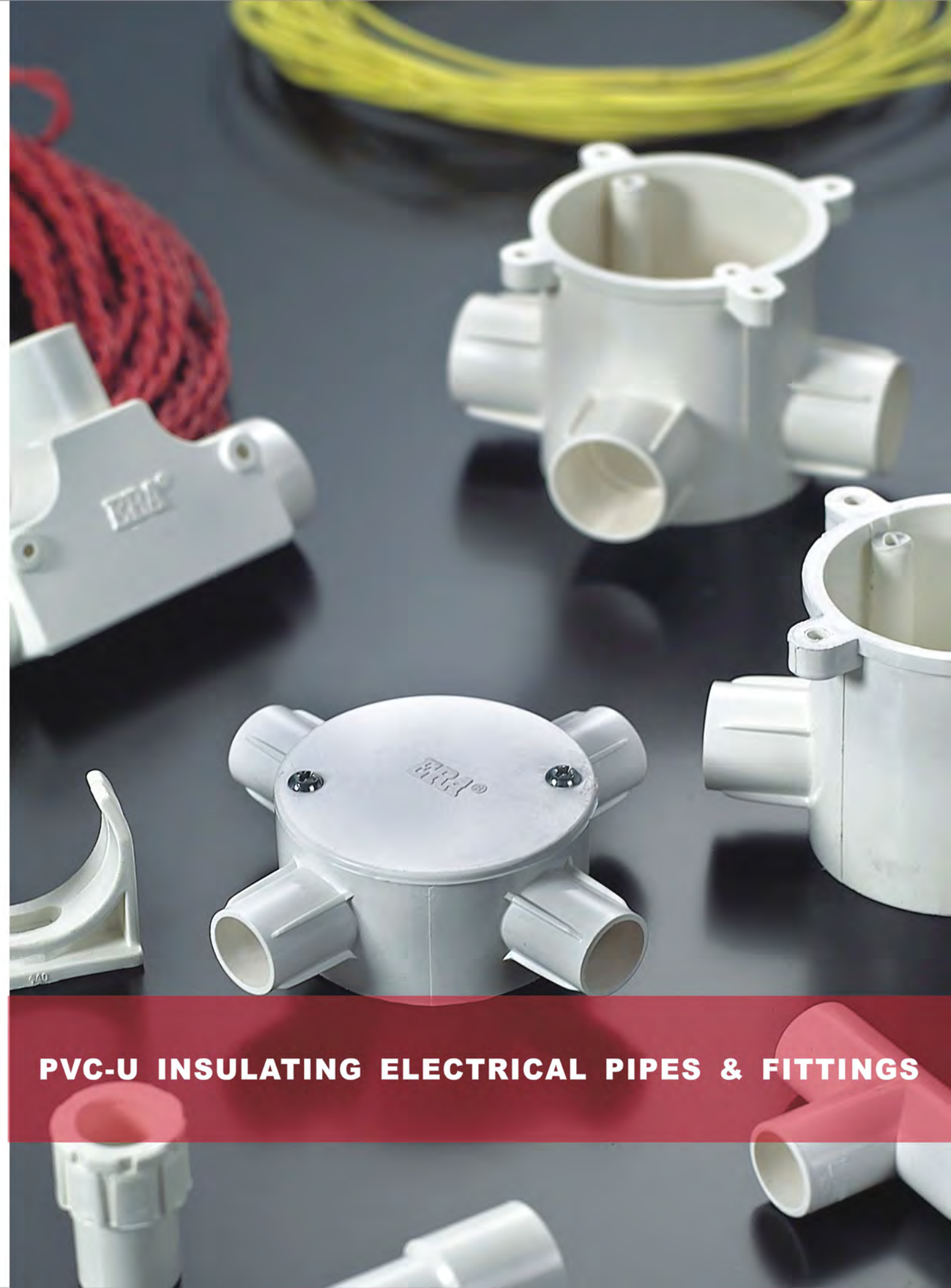
Spec D	d1	d2	H	L	L1	Φ	n
63	125	165	110	80	16	17.5	4
75	145	185	113	85	16	17.5	4
90	160	200	153	115	20	17.5	8
110	180	225	167	125	21	17.5	8
160	240	285	196	146	25	22	8
200	295	338	215	166	32	22	8
225	295	340	226.5	170	31	22	8
250	350	395	257.5	180	33	22	12
315	400	445	297.5	200	36.5	22	12
400	495-515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



ITEM NO:ED001

PIPES

External diameter (mm)						
	Middle type	16	20	25	32	40
	Light type	16	20	25	32	40

ITEM NO:ED003

ELBOW

Model	mm			
16	20	25	32	40

ITEM NO:ED005

TEE

Model	mm			
16	20	25	32	40

ITEM NO:ED002

INSPECTION ELBOW

Model	mm	
20	25	32

ITEM NO:ED008

REDUCING COUPLING

Model	mm		
20×16	25×20	32×25	32×20

ITEM NO:ED004

INSPECTION TEE

Model	mm	
20	25	32

ITEM NO:ED006

SCREWED CONVERTERS

Model	mm		
16	20	25	32

ITEM NO:ED007

COUPLING

Model	mm			
16	20	25	32	40

ITEM NO:ED009

OCTAGON OUTLET BOX

Model	mm
75×75×50	

ITEM NO:ED011

TWO WAY CIRCULAR BOX

Model	mm	
16	20	25

ITEM NO:ED022

INLET BOX

Model	mm
16x86x45	

ITEM NO:ED010

ONE WAY CIRCULAR BOX

Model	mm	
16	20	25

ITEM NO:ED012

THREE WAY CIRCULAR BOX

Model	mm		
16	20	25	

ITEM NO:ED013

FOUR WAY CIRCULAR BOX

Model	mm	
16	20	25

ITEM NO:ED015

CIRCULAR PROTECTOR COVER

Model	mm
65	

ITEM NO:ED017

TWO WAY EXTENSION RING

Model	mm	
20	25	

ITEM NO:ED020

ANGLE EXTENSION RING

Model	mm	
20	25	

ITEM NO:ED014

ANGLE CIRCULAR BOX

Model	mm	
16	20	25

ITEM NO:ED016

ONE WAY EXTENSION RING

Model	mm	
20	25	

ITEM NO:ED018

THREE WAY EXTENSION RING

Model	mm	
20	25	

ITEM NO:ED019

FOUR WAY EXTENSION RING

Model	mm	
20	25	

ITEM NO:ED021

PIPE TRACKET

Model	mm			
16	20	25	32	40

ITEM NO:ED023

OUTLET BOX

Model	mm
75x75x65	

PVC Industrial,Low VOC grade

For domestic or industrial PVC piping system. Such as: membrane, drinking water,water processing facilities, industrial piping system, stadium, irrigation and ventilation system industry.

Product code	PVC L-5023
Color	Clear
Viscosity	Medium Bodied
Max VOC	< 510ml/L(Low VOC)
Shelf life	3Years
Max Pipe Size	DN 300
Package	946ml/473ml/237ml/118ml
Standards :	ASTM D-2564 QB/T2568-2002

Specially recommended field

Compared with 5023, L-5023 has the same excellent adhesive bonding technology but less volatility of organic componds, which is more environmental friendly.

Product code	PVC L-5125
Color	Gray
Viscosity	Heavy Bodied
Max VOC	< 510ml/L(Low VOC)
Shelf life	3Years
Max Pipe Size	DN 300
Package	946ml/473ml/237ml/118ml
Standards :	ASTM D-2564 QB/T2568-2002

Specially recommended field

Compared with 5125, L-5125 has the same excellent adhesive bonding technology but less volatility of organic componds, which is more environmental friendly.

PVC Industrial,Domestic grade

For industrial and domestic piping system, such as the super - filters film, drinking water, water treatment equipment, industrial piping system, ground, irrigation and ventilating system

Product code	PVC 5023
Color	Clear
Viscosity	Medium Bodied
Max VOC	<600g/L
Shelf life	3Years
Max Pipe Size	DN 300
Package	946ml/473ml/237ml/118ml
Standards :	ASTM D-2564 QB/T2568-2002

Specially recommended field

Water treatment equipment, membrane industry swimming pool and SPA bathtub

Product code	PVC 5125
Color	Gray
Viscosity	Heavy Bodied
Max VOC	<600g/L
Shelf life	3Years
Max Pipe Size	DN 300
Package	946ml/473ml/237ml/118ml
Standards :	ASTM D-2564 QB/T2568-2002

Specially recommended field

Water treatment equipment,industrial piping system

CPVC Industrial,Domestic grade

For industrial and domestic cpvc piping system, Acid and Alkali proof PVC, CPVC piping system, esp.Hypochlorite Mineral salt Etc, also for CPVC hot and cold liquid transportation. According with ASTM Heat-resistant°82 C (180 F)

Product code	CPVC 8213
Color	Yellow
Viscosity	Medium Bodied
Max VOC	490g/L(Low VOC)
Shelf life	2Years
Max Pipe Size	DN 200
Package	946ml/473ml/237ml/118ml
Standards :	ASTM D-2846 F-493

Specially recommended field

hotel, spring, hospital, family cpvc hot and cold water transportation

Product code	CPVC 8125
Color	
Viscosity	Heavy Bodied
Max VOC	490g/L(Low VOC)
Shelf life	2Years
Max Pipe Size	DN 300
Package	946ml/473ml/237ml/118ml
Standards :	ASTM F-493

Specially recommended field

Chemical indusry,industry CPVC/UPVC acid proof alkali proof,esp. hypochlorite,high temperature liquid transportation system.

PVC General Industrial,Domestic grade

For general industrial, domestic PVC-U, PVC-M, PVC-O piping system, such as drinking water, industry, Municipal drain network, ground, agriculture irrigation, and drainage piping system.

Product code	PVC 3011
Color	Clear
Viscosity	Medium Bodied
Max VOC	<600g/L
Shelf life	3Years
Max Pipe Size	DN 200
Package	946ml/473ml/237ml/118ml
Standards :	ASTM D-2564 QB/T2568-2002

Specially recommended field

drinking water, agriculture irrigation, swimming pool, sanitary and golf ground.

Product code	PVC L-5727
Color	Gray/White
Viscosity	Ultra heavy bodied
Max VOC	510g/L(Low VOC)
Shelf life	3 Years
Max Pipe Size	DN 750
Package	3785ml/946ml
Standards :	ASTM D-2564 QB/T2568-2002

Specially recommended field

Ultrahigh Viscosity Grey/White pipe cement.

PVC Specialty Type

Special type of glue is mainly applied in the special industry and occasion. Such as: Biological medicine production, Medical studies, Electrical researches etc which requires high level of clean water piping system, low temperature condition that needs to dry quickly.

Product code	PVC 6353
Color	Bule
Viscosity	Medium Body
Max VOC	<600ml/L
Shelf life	3Years
Max Pipe Size	DN 200
Package	946ml/473ml/237ml/118ml
Standards :	ASTM D-2564 QB/T2568-2002
Specially recommended field	6353 glue can dry quickly and make the colour lighter. For swimming pool piping system, SPA massage bathtub and other hard or soft PVC piping system of Sanitary industry.

PVC/CPVC/ABS Industrial,Domestic grade

ERA experts suggest it is used for CPVC, PVC, ABS with the diameter more than 2 inch before bonding, to increase the adhesive strength and ensure the adhesive system.

Product code	Primer 1030
Color	Clear
Viscosity	Water Thin
Max VOC	<550g/L(Low VOC)
Shelf life	3Years
Max Pipe Size	For all sizes
Package	946ml/473ml/237ml/118ml
Standards :	ASTM F-656
Specially recommended field	Industrial, High-pressure managing system, regular temperature, humid environment or regular construction conditions.

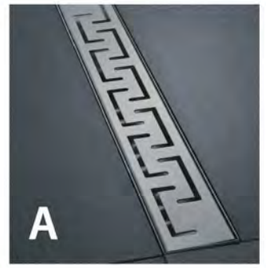
Product code	Primer 1050
Color	Clear
Viscosity	Water Thin
Max VOC	<550g/L(Low VOC)
Shelf life	3Years
Max Pipe Size	For all sizes
Package	946ml/473ml/237ml/118ml
Standards :	ASTM F-656
Specially recommended field	Industrial, High-pressure managing system, low temperature, humid environment or bad construction conditions.

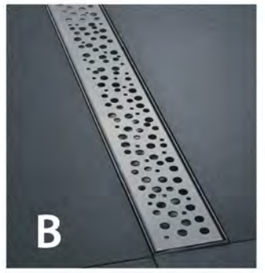
PVC/CPVC/ABS Industrial,Domestic grade

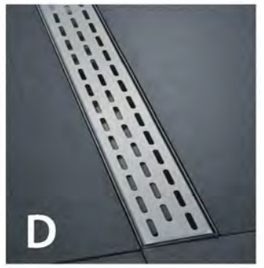
ERA Expert suggest it is used for CPVC, PVC, ABS with all size pipe before using,especially for the dirty pipe surface contaminated with oil, filth and dirt that can not be cleaned with water.

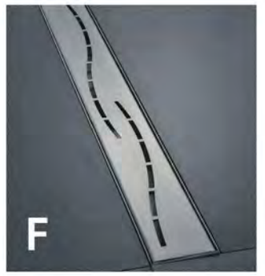
Product code	Cleaner 1020
Color	Clear
Viscosity	Water Thin
Max VOC	<550g/L(Low VOC)
Shelf life	3Years
Max Pipe Size	For all sizes
Package	946ml/473ml
Standards :	None

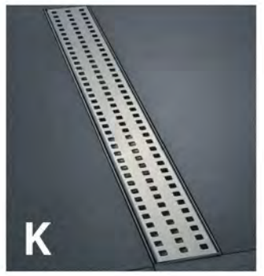
DRAIN COVER DESIGN

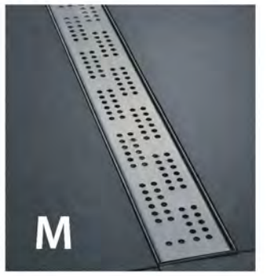


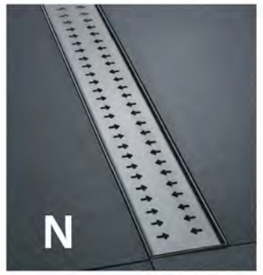


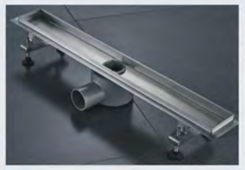
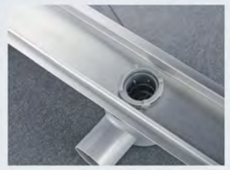




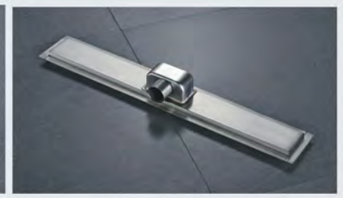






ERA1009



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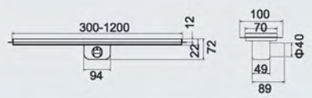

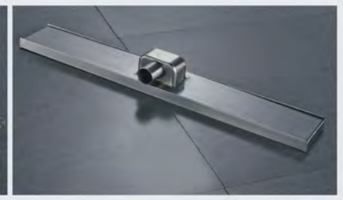

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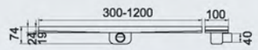

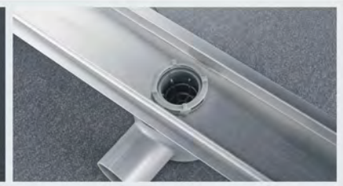

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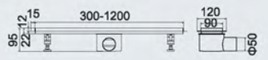

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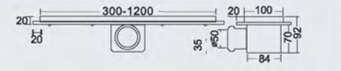

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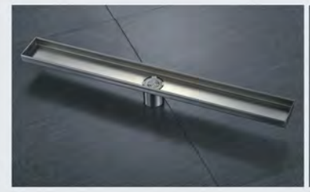

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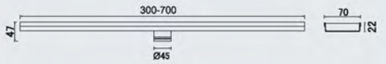

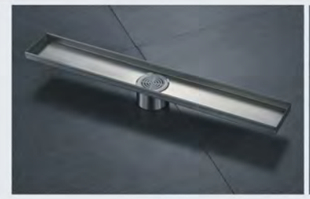

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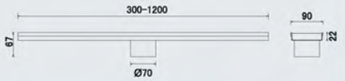

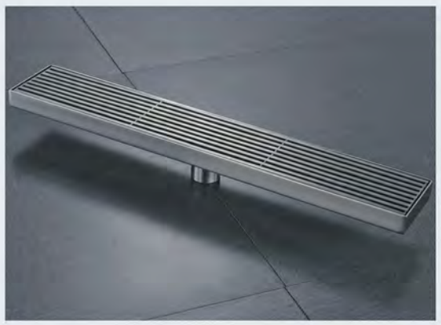

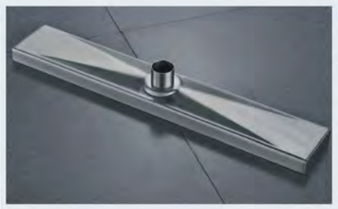

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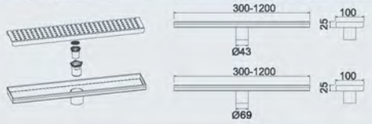

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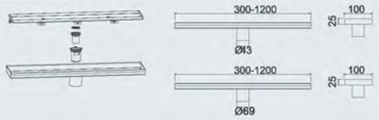
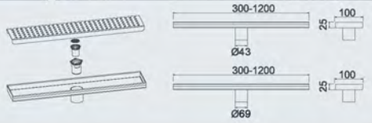
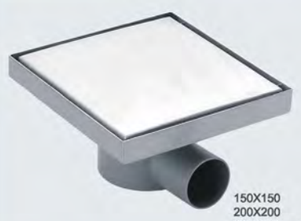


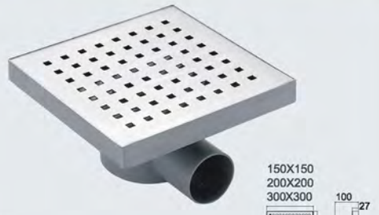
ERA1027





ERA1026-2

ERA1026-3



ERA1026-1

ERA1029

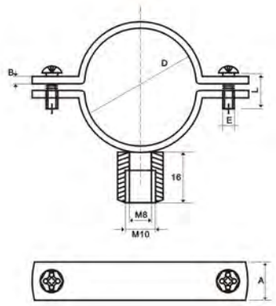
ERA1029-1

ERA1030

Welding Type Clamps M8+10 Without Rubber

- Material:iron sheet
- Both closed

ITEM NO:CLR001



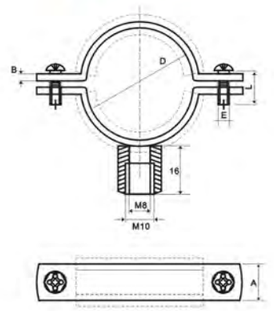
∅(mm)	D(mm)	INCH	A*B(mm)
18	15-19	3/8"	20*(1.8~2.0)
22	20-25	1/2"	20*(1.8~2.0)
28	26-30	3/4"	20*(1.8~2.0)
35	32-36	1"	20*(1.8~2.0)
40	38-43	11/4"	20*(1.8~2.0)
48	47-51	11/2"	20*(1.8~2.0)
54	53-58		20*(1.8~2.0)
60	60-64	2"	20*(1.8~2.0)
70	68-72		20*(1.8~2.0)
75	75-80	21/2"	20*(1.8~2.0)
83	80-86		20*(1.8~2.0)
90	87-92	3"	20*(1.8~2.0)
100	99-105	31/2"	20*(1.8~2.0)
110	107-112		20*(1.8~2.0)
115	113-118	4"	20*(1.8~2.0)
125	125-130		20*(1.8~2.0)
133	132-137		20*(1.8~2.0)
140	136-142	5"	20*(1.8~2.0)
160	159-166	6"	20*(1.8~2.0)
200	200-212		20*(1.8~2.0)

D	E*L
18-75	M6*15
83-200	M6*20

Welding Type Clamps M8+10 With Rubber

- Material:iron sheet
- The rubber thickness:4.0mm
- Both closed

ITEM NO:CLR002



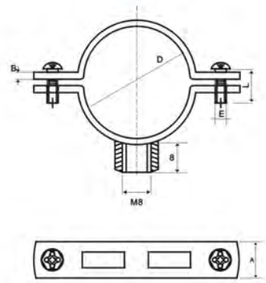
∅(mm)	D(mm)	INCH	A*B(mm)
18	15-19	3/8"	20*(1.8~2.0)
22	20-25	1/2"	20*(1.8~2.0)
28	26-30	3/4"	20*(1.8~2.0)
35	32-36	1"	20*(1.8~2.0)
40	38-43	11/4"	20*(1.8~2.0)
48	47-51	11/2"	20*(1.8~2.0)
54	53-58		20*(1.8~2.0)
60	60-64	2"	20*(1.8~2.0)
70	68-72		20*(1.8~2.0)
75	75-80	21/2"	20*(1.8~2.0)
83	80-86		20*(1.8~2.0)
90	87-92	3"	20*(1.8~2.0)
100	99-105	31/2"	20*(1.8~2.0)
110	107-112		20*(1.8~2.0)
115	113-118	4"	20*(1.8~2.0)
125	125-130		20*(1.8~2.0)
133	132-137		20*(1.8~2.0)
140	136-142	5"	20*(1.8~2.0)
160	159-166	6"	20*(1.8~2.0)
200	200-212		20*(1.8~2.0)

D	E*L
18-75	M6*15
83-200	M6*20

Welding Type Clamps M8 Without Rubber

- Material:iron sheet
- Both closed
- Dia of the middle nut is M8
- ∅18-70:The surface is flat
  ∅75-200:The surface has a bone

ITEM NO:CLR003



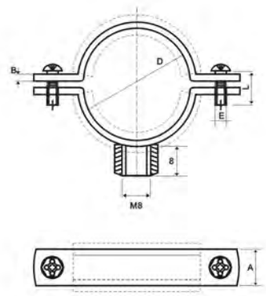
∅(mm)	D(mm)	INCH	A*B(mm)
18	15-19	3/8"	20*(1.3~1.5)
22	20-25	1/2"	20*(1.3~1.5)
28	26-30	3/4"	20*(1.3~1.5)
35	32-36	1"	20*(1.3~1.5)
40	38-43	11/4"	20*(1.3~1.5)
48	47-51	11/2"	20*(1.3~1.5)
54	53-58		20*(1.3~1.5)
60	60-64	2"	20*(1.3~1.5)
70	68-72		20*(1.3~1.5)
75	75-80	21/2"	20*(1.3~1.5)
83	80-86		20*(1.3~1.5)
90	87-92	3"	20*(1.3~1.5)
100	99-105	31/2"	20*(1.3~1.5)
110	107-112		20*(1.3~1.5)
115	113-118	4"	20*(1.3~1.5)
125	125-130		20*(1.3~1.5)
133	132-137		20*(1.3~1.5)
140	136-142	5"	20*(1.3~1.5)
160	159-166	6"	20*(1.3~1.5)
200	200-212		20*(1.3~1.5)

D	E*L
18-75	M6*15
83-200	M6*20

Welding Type Clamps M8 With Rubber

- Material:iron sheet
- Rubber thickness:4mm
- Both closed
- The dia of the middle nut is M8
- ∅18-70:The surface is flat
  ∅75-200:The surface has a bone

ITEM NO:CLR004



∅(mm)	D(mm)	INCH	A*B(mm)
18	15-19	3/8"	20*(1.3~1.5)
22	20-25	1/2"	20*(1.3~1.5)
28	26-30	3/4"	20*(1.3~1.5)
35	32-36	1"	20*(1.3~1.5)
40	38-43	11/4"	20*(1.3~1.5)
48	47-51	11/2"	20*(1.3~1.5)
54	53-58		20*(1.3~1.5)
60	60-64	2"	20*(1.3~1.5)
70	68-72		20*(1.3~1.5)
75	75-80	21/2"	20*(1.3~1.5)
83	80-86		20*(1.3~1.5)
90	87-92	3"	20*(1.3~1.5)
100	99-105	31/2"	20*(1.3~1.5)
110	107-112		20*(1.3~1.5)
115	113-118	4"	20*(1.3~1.5)
125	125-130		20*(1.3~1.5)
133	132-137		20*(1.3~1.5)
140	136-142	5"	20*(1.3~1.5)
160	159-166	6"	20*(1.3~1.5)
200	200-212		20*(1.3~1.5)

D	E*L
18-75	M6*15
83-200	M6*20

METAL CLAMPS

ITEM NO: HJA-4

AMERCIAN 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	1.0*26	M10
	32-35mm	0.6x20	M6		140-148mm	1.0*26	M10
	36-39mm	0.6x20	M6		149-161mm	1.0*26	M10
	40-43mm	0.6x20	M6		162-174mm	1.0*26	M10
	44-47mm	0.8x22	M6		175-187mm	1.0*26	M10
	48-51mm	0.8x22	M6		188-200mm	1.0*26	M10
	52-55mm	0.8x22	M6		201-213mm	1.0*26	M10
	56-59mm	0.8x22	M6		214-226mm	1.0*26	M10
	60-63mm	0.8x22	M6		227-239mm	1.0*26	M10
	64-67mm	0.8x22	M6		240-252mm	1.0*26	M10
	68-73mm	0.8x24	M8		253-265	1.0*26	M10
	74-79mm	0.8x24	M8		266-278	1.0*26	M10
	80-85mm	0.8x24	M8		279-291	1.0*26	M10
	86-91mm	0.8x24	M8		292-304	1.0*26	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				

METAL CLAMPS

ITEM NO: HGS-5

PEX SS CLAMPS/SINGLE EAR CLAMP

Nom Size	Item	Width	Thickness	Nom Size	Item	Width	Thickness
	5.5-6.5mm	5mm	0.5mm		43.8-47.0mm	7mm	0.6mm
	5.8-7.0mm	5mm	0.5mm		45.3-48.5mm	7mm	0.6mm
	6.8-8.0mm	5mm	0.5mm		46.8-50.0mm	7mm	0.6mm
	7-8.7mm	5mm	0.5mm		48.3-51.5mm	7mm	0.6mm
	7.3-9.0mm	5mm	0.5mm		49.8-53.0mm	7mm	0.6mm
	7.8-9.5mm	5mm	0.5mm		51.3-54.5mm	7mm	0.6mm
	8.3-10.0mm	5mm	0.5mm		52.8-56.0mm	7mm	0.6mm
	8.8-10.5mm	5mm	0.5mm		54.3-57.5mm	7mm	0.6mm
	9.2-10.9mm	5mm	0.5mm		55.8-59.0mm	7mm	0.6mm
	9.6-11.3mm	5mm	0.5mm		57.3-60.5mm	7mm	0.6mm
	10.1-11.8mm	5mm	0.5mm		58.8-62.0mm	7mm	0.6mm
	9.4-11.9mm	7mm	0.6mm		60.3-63.5mm	7mm	0.6mm
	9.8-12.3mm	7mm	0.6mm		61.8-65.0mm	7mm	0.6mm
	10.3-12.8mm	7mm	0.6mm		63.3-66.5mm	7mm	0.6mm
	10.8-13.3mm	7mm	0.6mm		64.8-68.0mm	7mm	0.6mm
	11.3-13.8mm	7mm	0.6mm		66.3-69.5mm	7mm	0.6mm
	11.5-14.0mm	7mm	0.6mm		67.8-71.0mm	7mm	0.6mm
	12-14.5mm	7mm	0.6mm		69.3-72.5mm	7mm	0.6mm
	12.3-14.8mm	7mm	0.6mm		70.8-74.0mm	7mm	0.6mm
	12.8-15.3mm	7mm	0.6mm		72.3-75.5mm	7mm	0.6mm
	13.2-15.7mm	7mm	0.6mm		73.8-77.0mm	7mm	0.6mm
	13.7-16.2mm	7mm	0.6mm		75.3-78.5mm	7mm	0.6mm
	14.1-16.6mm	7mm	0.6mm		76.8-80.0mm	7mm	0.6mm
	14.3-16.8mm	7mm	0.6mm		78.3-81.5mm	7mm	0.6mm
	14.5-17.0mm	7mm	0.6mm		79.8-83.0mm	7mm	0.6mm
	15-17.5mm	7mm	0.6mm		81.3-84.5mm	7mm	0.6mm
	14.6-17.8mm	7mm	0.6mm		82.8-86.0mm	7mm	0.6mm
	14.8-18.0mm	7mm	0.6mm		84.3-87.5mm	7mm	0.6mm
	15.3-18.5mm	7mm	0.6mm		85.8-89.0mm	7mm	0.6mm
	16-19.2mm	7mm	0.6mm		87.3-90.5mm	7mm	0.6mm
	16.6-19.8mm	7mm	0.6mm		88.8-92.0mm	7mm	0.6mm
	17.8-21.0mm	7mm	0.6mm		90.3-93.5mm	7mm	0.6mm
	19.4-22.6mm	7mm	0.6mm		91.8-95.0mm	7mm	0.6mm
	20.3-23.5mm	7mm	0.6mm		93.3-96.5mm	7mm	0.6mm
	20.9-24.1mm	7mm	0.6mm		94.8-98.0mm	7mm	0.6mm
	22.4-25.6mm	7mm	0.6mm		96.3-99.5mm	7mm	0.6mm
	23.9-27.1mm	7mm	0.6mm		97.8-101.0mm	7mm	0.6mm
	25.4-28.6mm	7mm	0.6mm		99.3-102.5mm	7mm	0.6mm
	26.9-30.1mm	7mm	0.6mm		100.8-104.0mm	7mm	0.6mm
	27.6-30.8mm	7mm	0.6mm		102.3-105.5mm	7mm	0.6mm
	28.4-31.6mm	7mm	0.6mm		103.8-107.0mm	7mm	0.6mm
	29.9-33.1mm	7mm	0.6mm		105.3-108.5mm	7mm	0.6mm
	31.4-34.6mm	7mm	0.6mm		106.8-110.0mm	7mm	0.6mm
	32.9-36.1mm	7mm	0.6mm		108.3-111.5mm	7mm	0.6mm
	34.4-37.6mm	7mm	0.6mm		109.8-113.0mm	7mm	0.6mm
	34.9-38.1mm	7mm	0.6mm		111.3-114.5mm	7mm	0.6mm
	36.4-39.6mm	7mm	0.6mm		112.8-116.0mm	7mm	0.6mm
	37.8-41.0mm	7mm	0.6mm		114.3-117.5mm	7mm	0.6mm
	39.3-42.5mm	7mm	0.6mm		115.8-119.0mm	7mm	0.6mm
	40.8-44.0mm	7mm	0.6mm		117.3-120.5mm	7mm	0.6mm
	42.3-45.5mm	7mm	0.6mm				

METAL CLAMPS

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		3-1/4"	59-82mm	12.7mm	0.6	0.7
	5/8"	10-16mm	8mm	0.6	0.6		3-1/2"	65-89mm	12.7mm	0.6	0.7
	3/4"	11-20mm	8mm	0.6	0.6		3-3/4"	72-95mm	12.7mm	0.6	0.7
	7/8"	13-23mm	8mm	0.6	0.6		4"	78-101mm	12.7mm	0.6	0.7
	1"	16-25mm	8mm	0.6	0.6		4-1/4"	84-108mm	12.7mm	0.6	0.7
	1-1/16"	14-27mm	8mm	0.6	0.6		4-1/2"	91-114mm	12.7mm	0.6	0.7
	1-1/4"	18-32mm	8mm	0.6	0.6		4-3/4"	95-120mm	12.7mm	0.6	0.7
	1 1/2"	21-38mm	8mm	0.6	0.6		5"	105-127mm	12.7mm	0.6	0.7
	1-1/16"	14-27mm	12.7mm	0.6	0.7		5-1/4"	110-134mm	12.7mm	0.6	0.7
	1-1/4"	18-32mm	12.7mm	0.6	0.7		5-1/2"	118-140mm	12.7mm	0.6	0.7
	1-1/2"	21-38mm	12.7mm	0.6	0.7		5-3/4"	125-146mm	12.7mm	0.6	0.7
	1-3/4"	21-44mm	12.7mm	0.6	0.7		6"	130-152mm	12.7mm	0.6	0.7
	2"	27-51mm	12.7mm	0.6	0.7		6 1/4"	133-159mm	12.7mm	0.6	0.7
	2-1/4"	33-57mm	12.7mm	0.6	0.7		6-1/2"	143-165mm	12.7mm	0.6	0.7
	2-1/2"	40-63mm	12.7mm	0.6	0.7		6 3/4"	146-171mm	12.7mm	0.6	0.7
	2-3/4"	46-70mm	12.7mm	0.6	0.7		7"	155-178mm	12.7mm	0.6	0.7
	3"	52-76mm	12.7mm	0.6	0.7						

ITEM NO: HGA-24

GERMANY TYPE HOSE CLAMP WITH PLASTIC HANDLE

Nom Size	item	size	width	stainless steel thickness	steel thickness	Nom Size	Item	size	width	stainless steel thickness	steel thickness
	8-12mm	9mm	9mm	0.65	0.75		16-25mm	12mm	12mm	0.65	0.75
	10-16mm	9mm	9mm	0.65	0.75		20-32mm	12mm	12mm	0.65	0.75
	12-20mm	9mm	9mm	0.65	0.75		25-40mm	12mm	12mm	0.65	0.75
	16-27mm	9mm	9mm	0.65	0.75		32-50mm	12mm	12mm	0.65	0.75
	20-32mm	9mm	9mm	0.65	0.75		40-60mm	12mm	12mm	0.65	0.75
	25-40mm	9mm	9mm	0.65	0.75		50-70mm	12mm	12mm	0.65	0.75
	32-50mm	9mm	9mm	0.65	0.75		60-80mm	12mm	12mm	0.65	0.75
	40-60mm	9mm	9mm	0.65	0.75		70-90mm	12mm	12mm	0.65	0.75
	50-70mm	9mm	9mm	0.65	0.75		80-100mm	12mm	12mm	0.65	0.75
	60-80mm	9mm	9mm	0.65	0.75		90-110mm	12mm	12mm	0.65	0.75
	70-90mm	9mm	9mm	0.65	0.75		100-120mm	12mm	12mm	0.65	0.75
	80-100mm	9mm	9mm	0.65	0.75		110-130mm	12mm	12mm	0.65	0.75
	90-110mm	9mm	9mm	0.65	0.75		120-140mm	12mm	12mm	0.65	0.75
	100-120mm	9mm	9mm	0.65	0.75		130-150mm	12mm	12mm	0.65	0.75
	110-130mm	9mm	9mm	0.65	0.75		140-160mm	12mm	12mm	0.65	0.75
	120-140mm	9mm	9mm	0.65	0.75		150-170mm	12mm	12mm	0.65	0.75
	130-150mm	9mm	9mm	0.65	0.75		160-180mm	12mm	12mm	0.65	0.75
	140-160mm	9mm	9mm	0.65	0.75		170-190mm	12mm	12mm	0.65	0.75
	10-16mm	12mm	12mm	0.65	0.75		180-200mm	12mm	12mm	0.65	0.75
	12-20mm	12mm	12mm	0.65	0.75						