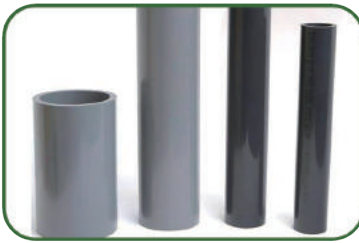




EXLON PIPE



PVC Pressure Pipe



Henan Exlon Environmental Protection Technology Co., Ltd
www.axpipe.com

COMPANY PROFILE

Henan Exlon Pipe Industry was established in 2005, located in Zhengzhou City, Henan Province. Henan Exlon's products and services cover plumbing products, fire-fighting equipment, environmental protection, home furnishing and building material one-stop services, etc. We dedicated to manufacturing and providing complete plumbing solutions for construction, mining, chemical, agriculture, farming and aqua-culturing industries.

Henan Exlon Pipe is mainly engaged in plastic pipe products and complete system application. The main products include: PE Water Supply Pipe, HDPE Drain Pipe, PP-R Cold and Hot Water Pipe, PVC-U Drain Pipe, PE-RT Surface Radiant Heating Pipe, PE-RT Oxygen Resistance Pipe, Butt Welding Aluminum-plastic Composite Pipe, Lap Welding Aluminum-plastic Composite pipe, PSP Steel-plastic Composite Pressure Pipe, Steel Wire Frame Reinforced PE Water Supply pipe, PE Gas Pipe, PE Double-wall Corrugated Pipe, PE Hollow Wall Winding Pipe, PVC Fire-retardant Insulated Electrical Bushing, PVC-M Water Supply Pipe, PB Ground Radiant Heating Pipe PB Oxygen Barrier, etc. They are widely used in the fields of building hot and cold water, building drainage, ground radiant heating, radiator heating, central air-conditioning, ground-source heat pump, municipal water supply, municipal drainage, gas pipe network and other pipeline systems. Among them, the production and sales volume of leading products of PE water supply pipes and HDPE drainage pipes rank among the highest in the industry.

Our certificates include but are not limited to the following:
CE, ISO4427, ISO9001, SGS, CNAS, ECM, etc.

Adhering to the core values of integrity and the corporate tenet of striving for realistic innovation and serving the society, Henan Exlon is committed to becoming a world-class material provider and targeting at the middle and high-end market to provide healthy green quality life for the majority of users.



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PVC-U

Water Supply Pipe

▲ PVC-U Water Supply Pipe Features

1. Environmental protection formula

PVC resin itself is non-toxic, adding toxic stabilizers or plasticizers will produce hidden dangers. We use environmental protection and lead-free formula, which will not pollute the water quality and affect the health.

2. Corrosion resistance

It is not affected by residual chlorine in water (chlorinated disinfection residue), while many polyolefin materials (such as PE, PPR) are vulnerable to residual chlorine damage, resulting in reduced life.

3. Aging resistance

The UPVC material has high chemical stability. Its material tests and engineering examples prove that its actual service life is more than 50 years.

4. Low cost

The price of raw materials is relatively low, the engineering cost is lower than other products, the weight is about 1 / 6 of galvanized steel pipe, the loading and unloading is convenient, and the transportation cost is low.

5. Impedance bacteria

It has biological impedance and is not easy to breed bacteria. The growth rate of bacteria in its pipes is far lower than that of PE, PPR and other plastic pipes.

6. Smooth pipe wall, not easy to scale

The surface roughness coefficient is only 0.009, which can reduce scale and fouling plug, reduce fluid resistance, and effectively reduce energy consumption cost in long-term use.

7. Low thermal conductivity

The conduction heat coefficient is 1 / 300 of that of galvanized steel pipe, which can save energy, reduce heat preservation cost and reduce condensation trouble.

8. Easy and fast installation

It only needs special glue or special rubber ring to connect, and it does not need to be electrified and melted or connected with wire thread instead.

▲ PVC-U Water Supply Pipe Applications

- Building water supply system
- Agricultural irrigation and sprinkler system
- Shaft Sinking Engineering
- Air conditioning cooling water and circulating water system
- Municipal water supply system
- Pool water circulation system
- Golf Course Engineering



▲ PVC-U Water Supply Pipe Dimension

Nominal Pressure Rating and Size

GB/T 1002.1-2006

EN ISO 1452:2009

Unit: MM

Nominal outer diameter (DN)	S16	S12.5	S10	S8	S6.3	S5	S4
	SDR33	SDR26	SDR21	SDR17	SDR13.6	SDR26	SDR9
	PN0.63	PN0.8	PN1.0	PN1.25	PN1.6	PN2.0	PN2.5
	Nominal wall thickness (EN)						
20						2.0	2.3
25					2.0	2.3	2.8
32				2.0	2.4	2.9	3.6
40			2.0	2.4	3.0	3.7	4.5
50		2.0	2.4	3.0	3.7	4.6	5.6
63	2.0	2.5	3.0	3.8	4.7	5.8	7.1
75	2.3	2.9	3.6	4.5	5.6	6.9	8.4
90	2.8	3.5	4.3	5.4	6.7	8.2	10.1
	S20	S16	S12.5	S10	S8	S6.3	S5
	SDR41	SDR33	SDR26	SDR21	SDR17	SDR13.6	SDR11
	PN0.63	PN0.8	PN1.0	PN1.25	PN1.6	PN2.0	PN2.5
110	2.7	3.4	4.2	5.3	6.6	8.1	10.0
125	3.1	3.9	4.8	6.0	7.4	9.2	11.4
140	3.5	4.3	5.4	6.7	8.3	10.3	12.7
160	4.0	4.9	6.2	7.7	9.5	11.8	14.6
180	4.4	5.5	6.9	8.6	10.7	13.3	16.4
200	4.9	6.2	7.7	9.6	11.9	14.7	18.2
225	5.5	6.9	8.6	10.8	13.4	16.6	
250	6.2	7.7	9.6	11.9	14.8	18.4	
280	6.9	8.6	10.7	13.4	16.6	20.6	
315	7.7	9.7	12.1	15.0	18.7	23.2	
355	8.7	10.9	13.6	16.9	21.1	26.1	
400	9.8	12.3	15.3	19.1	23.7	29.4	
450	11.0	13.8	17.2	21.5	26.7	33.1	
500	12.3	15.3	19.1	23.9	29.7	36.8	
560	13.7	17.2	21.4	26.7			
630	15.4	19.3	24.1	30.0			
710	17.4	21.8	27.2				
800	19.6	24.5	30.6				
900	22.0	27.6					
1000	24.5	30.6					

▲ PVC-U Water Supply Pipe Properties

Physical Properties

Project	Unit	Technical specification	Test methods
Density	kg/m ³	1350-1460	GB/T 1033-1986 Method A
Vicat softening temperature	°C	≥80	GB/T 8802-2001
Longitudinal reversion	%	≤5	GB/T 6671-2001
Dichloromethane impregnation test	15°C, 15min	Surface change is no more than 4N	GB/T 13526-1992
Vicat softening temperature	°C	≥74	GB/T 8802-2001
Oven test		No delamination, no cracking	GB/T 8803-2001

Mechanical Properties

Project	Nominal outer diameter(dn)	Test parameters			Test methods
		temperature (°C)	time (h)	Ring stress (Mpa)	
Hydrostatic test	dn<40	20	1	36	No break, no leakage
	dn≥40	20	1	38	
	All specifications	20	100	30	
	All specifications	60	1000	10	
Drop hammer impact test	0°C TIR				≤5%



PVC-U

Industrial Pipe

▲ PVC-U Industrial Pipe Features

1. Corrosion resistance

Corrosion resistance, PVC is resistant to many inorganic acids, alkalis and salts.

2. Long service life and safety

PVC is an insulator that is non-conductive, no leakage and electrolytic corrosion concerns, ensuring pipe long system life and safety.

3. Smooth wall and not easy to scale

The surface roughness coefficient is only 0.009, which can reduce scale and dirt, and has low fluid resistance, effectively reducing the wearout for long-term use.

4. Easy to install

It only needs special glue or special rubber ring to connect, no need to electrify hot melt or threaded connection.

5. Low heat conduction

The traditional heat coefficient is 1 / 300 of galvanized steel pipe, which can save energy, reducing heat preservation cost and condensation trouble.

6. Low price

The price of raw materials is relatively low, and the engineering cost is lower than other products.

7. Light material

The weight is about 1 / 6 of galvanized steel pipe, convenient for loading and unloading, and lower cost for transportation.

8. Aging resistance

The chemical stability of the material is high. The material test and engineering examples prove that the actual service life of UPVC is more than 50 years.

▲ PVC-U Industrial Pipe Applications

- Alkali resistant chemical delivery system
- Pure water transmission system
- Sea water transportation system
- Sewage transmission system
- General piping system of Environmental Engineering
- Air conditioning cooling water and circulating water system
- Golf Course Engineering



▲ PVC-U Industrial Pipe Dimension

Nominal pressure rating and size

GB/T 4219.1-2008

EN ISO 4422:1996

Unit: MM

Nominal outer diameter (DN)	S20	S16	S12.5	S10	S8	S6.3	S5
	SDR41	SDR33	SDR26	SDR21	SDR17	SDR13.6	SDR11
Nominal wall thickness (EN)							
16							2.0
20							2.0
25						2.0	2.3
32					2.0	2.4	2.9
40				2.0	2.4	3.0	3.7
50			2.0	2.4	3.0	3.7	4.6
63		2.0	2.5	3.0	3.8	4.7	5.8
75		2.3	2.9	3.6	4.5	5.6	6.8
90		2.8	3.5	4.3	5.4	6.7	8.2
110		3.4	4.2	5.3	6.6	8.1	10.0
125		3.9	4.8	6.0	7.4	9.2	11.4
140		4.3	5.4	6.7	8.3	10.3	12.7
160	4.0	4.9	6.2	7.7	9.5	11.8	14.6
180	4.4	5.5	6.9	8.6	10.7	13.3	16.4
200	4.9	6.2	7.7	9.6	11.9	14.7	18.2
225	5.5	6.9	8.6	10.8	13.4	16.6	
250	6.2	7.7	9.6	11.9	14.8	18.4	
280	6.9	8.6	10.7	13.4	16.6	20.6	
315	7.7	9.7	12.1	15.0	18.7	23.2	
355	8.7	10.9	13.6	16.9	21.1	26.1	
400	9.8	12.3	15.3	19.1	23.7	29.4	

▲ PVC-U Industrial Pipe Properties

Physical Properties

Project	Unit	Technical specification	Test methods
Density	kg/m ³	1320-1460	GB/T 1033-1986 Method A
Vicat softening temperature	°C	≥70	GB/T 8802-2001
	°C	≥80	GB/T 8802-2001
Longitudinal reversion	%	≤5	GB/T 6671-2001
Dichloromethane impregnation test	15°C, 30min	No damage on the surface	GB/T 13526-2007
Oven test		No delamination	GB/T 8803-2001

Mechanical Properties

Project	Test parameters			Test methods
	temperature (°C)	time (h)	Ring stress (Mpa)	
Hydrostatic test	20	1	40	No break, no leakage
	20	100	34	
	20	1000	30	
	60	1000	10	
Drop hammer impact test	0°C (-5°C) TIR			≤10%



PVC-M Water Pipe

High Strength And Toughness Of The Material

▲ PVC-M Water Pipe Features

1. Pipe flexibility

Compared with UPVC, the material greatly increases the flexibility and improves the material strength, thus enhancing the adaptability of pipe construction conditions.

2. Environmental protection formula

PVC resin itself is non-toxic, adding toxic stabilizers or plasticizers will produce hidden dangers. We use environmental protection and lead-free formula, which will not pollute the water quality and affect the health.

3. Impedance bacteria

It has biological impedance and is not easy to breed bacteria. The growth rate of bacteria in its pipes is far lower than that of PE, PPR and other plastic pipes.

4. Corrosion resistance

It is not affected by residual chlorine in water (chlorinated disinfection residue), while many polyolefin materials (such as PE, PPR) are vulnerable to residual chlorine damage, resulting in reduced life.

5. Easy and fast installation

It only needs special glue or special rubber ring to connect, and it does not need to be electrified and melted or connected with wire thread instead.

6. Smooth pipe wall, not easy to scale

The surface roughness coefficient is only 0.009, which can reduce scale and fouling plug, reduce fluid resistance, and effectively reduce energy consumption cost in long-term use.

7. Low Cost

The price of raw materials is relatively low, the engineering cost is lower than other products.

8. Light material

The weight is about 1 / 6 of galvanized steel pipe, the loading and unloading is convenient, and the transportation cost is low.

9. Low thermal conductivity

The conduction heat coefficient is 1 / 300 of that of galvanized steel pipe, which can save energy, reduce heat preservation cost and reduce condensation trouble.

10. Aging resistance

Material chemical stability is high, material test and engineering examples prove that the actual service life of UPVC is more than 50 years.

PVC-M Water Pipe Applications

- Building water supply system
- Pool water circulation system
- Agricultural irrigation and sprinkler system
- Municipal water supply system
- Golf Course Engineering



▲ PVC-M Water Pipe Dimension

Nominal Pressure Rating and Size

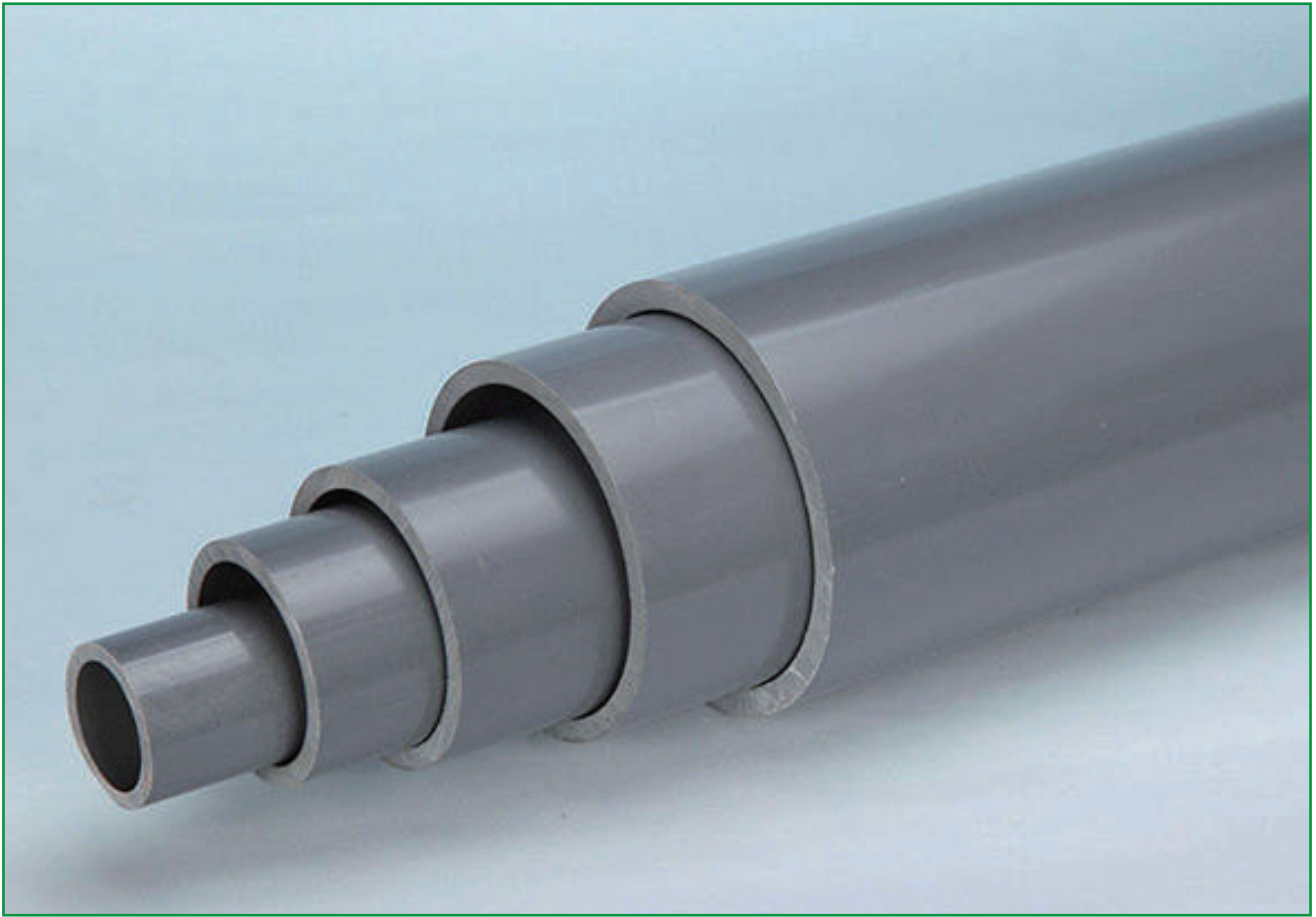
GB/T 32018.1-2015
Unit: MM

Nominal outer diameter (DN)	S25	S20	S16	S12.5	S10	S8
	SDR51	SDR41	SDR33	SDR26	SDR21	SDR17
	PN0.63	PN0.8	PN1.0	PN1.25	PN1.6	PN2.0
	Nominal wall thickness (EN)					
20					2.0	2.0
25					2.0	2.0
32					2.0	2.0
40					2.0	2.4
50				2.0	2.4	3.0
63			2.0	2.5	3.0	3.8
75		2.0	2.3	2.9	3.6	4.5
90	2.0	2.2	2.8	3.5	4.3	5.4
110	2.2	2.7	3.4	4.2	5.3	6.6
125	2.5	3.1	3.9	4.8	6.0	7.4
140	2.8	3.5	4.3	5.4	6.7	8.3
160	3.2	4.0	4.9	6.2	7.7	9.5
180	3.6	4.4	5.5	6.9	8.6	10.7
200	3.9	4.9	6.2	7.7	9.6	11.9
225	4.4	5.5	6.9	8.6	10.8	13.4
250	4.9	6.2	7.7	9.6	11.9	14.8
280	5.5	6.9	8.6	10.7	13.4	16.6
315	6.2	7.7	9.7	12.1	15.0	18.7
355	7.0	8.7	10.9	13.6	16.9	21.1
400	7.9	9.8	12.3	15.3	19.1	23.7
450	8.8	11.0	13.8	17.2	21.5	26.7
500	9.8	12.3	15.3	19.1	23.9	29.7
560	11.0	13.7	17.2	21.4	26.7	33.2
630	12.3	15.4	19.3	24.1	30.0	37.4
710	13.9	17.4	21.8	27.2	33.9	42.1
800	15.7	19.6	24.5	30.6	38.1	47.4

▲ PVC-M Water Pipe Properties

Physical and Mechanical Properties

Project	Unit	Technical specification	Test methods
Density	kg/m ³	1350-1460	GB/T 1033-1986 Method A
Vicat softening temperature	°C	≥80	GB/T 8802-2001
Longitudinal reversion	%	≤5	GB/T 6671-2001
Dichloromethane impregnation test	15°C, 30min	No change in surface	GB/T 13526
Drop hammer impact test (0°C)	TIR/ (%)	≤5	GB/T 14152
High speed impact test (22°C)		No brittle damage	CJ/T 272.7.1.10
Hydraulic test		No cracking, no leakage	GB/T 6111-2003
Cutting pipe hydraulic test		No cracking, no leakage	CJ/T 272.7.1.12
C-Ring Toughness test		Resilience damage	CJ/T 272.7.1.13



PVC-C Pipe

Future Trends In Plastic Industry

▲ PVC-C Pipe Features

1. Corrosion resistance

With excellent corrosion resistance, CPVC works better than PVC, and it is inert to most inorganic acids, alkalis, salts and aliphatic hydrocarbons.

2. Excellent mechanical strength

Compared with other engineering plastics including PVDF, PP, PVC, ABS, etc., CPVC can withstand greater work pressure and support spacing and provide excellent operating range and design space.

3. Flame retardancy

With good flame retardancy, CPVC oxygen index (LOI) is up to 60, not self-igniting and non-combustible. Also it has the characteristics of limiting smoke and avoiding toxic gases.

4. Aging resistance

CPVC has more than 45 years of practical experience, theoretically its aging resistance is better than PVC.

5. Impedance bacteria

CPVC has bio-resistance and is not easy to breed bacteria. The growth rate of bacteria in its pipeline is much lower than that of plastic pipes such as PE and PPR.

6. Low thermal conductivity

The conduction heat coefficient is 1 / 300 of that of galvanized steel pipe, which can save energy, reduce heat preservation cost and reduce condensation trouble.

7. Small coefficient

The coefficient of thermal expansion is small, and its coefficient is smaller than that of any thermoplastic plastic pipe, which reduces the thermal expansion and avoids distortion of the pipe system.

8. Easy to construct

CPVC pipes and UPVC pipes are connected in the same method.

PVC-C Pipe Applications

- Pure water and ultra-pure water conveying system
- Building fire piping system
- Food and Beverage Delivery System
- Acid treatment system for metal processing, electroplating, pharmaceutical and refining
- Dioxide water treatment system for semiconductor manufacturing
- Water treatment and chlorination piping system
- Chemical, metallurgy, paper, textile, power plant, mining plant and corrosive liquid transport processing system



▲ PVC-C Pipe Dimension

Nominal Pressure Rating and Size

GB/T 18998.2-2003

Unit: MM

Nominal outer diameter (DN)	Sn10	S6.3	S5	S4
	SDR21	SDR13.6	SDR11	SDR9
Nominal wall thickness (EN)				
20	2.0	2.0	2.0	2.3
25	2.0	2.0	2.3	2.8
32	2.0	2.4	2.9	3.6
40	2.0	3.0	3.7	4.5
50	2.4	3.7	4.6	5.6
63	3.0	4.7	5.8	7.1
75	3.6	5.6	6.8	8.4
90	4.3	6.7	8.2	10.1
110	5.3	8.1	10.0	12.3
125	6.0	9.2	11.4	14.0
140	6.7	10.3	12.7	15.7
160	7.7	11.8	14.6	17.9
180	8.6	13.3		
200	9.6	14.7		
225	10.8	16.6		

Physical Properties

Project	Unit	Technical specification	Test methods
Density	kg/m ³	1450-1650	GB/T 1033-1986 Method A
Vicat softening temperature	°C	≥110	GB/T 8802-2001
Longitudinal reversion	%	≤5	GB/T 6671-2001
Chlorine content (Mass percentage)	%	≥60	GB/T 7139

▲ PVC-C Pipe Properties

Mechanical Properties

Project	Test parameters			Test methods
	temperature (°C)	time (h)	Ring stress (Mpa)	
Hydrostatic test	20	≥1	43.0	No break, no leakage
	95	≥165	5.6	
	95	≥1000	4.6	
Thermal stability test under static hydraulic pressure	95	≥8760	3.6	
Drop hammer impact test	0°C TIR			≤10%



PVC-U WATER PIPE FITTINGS

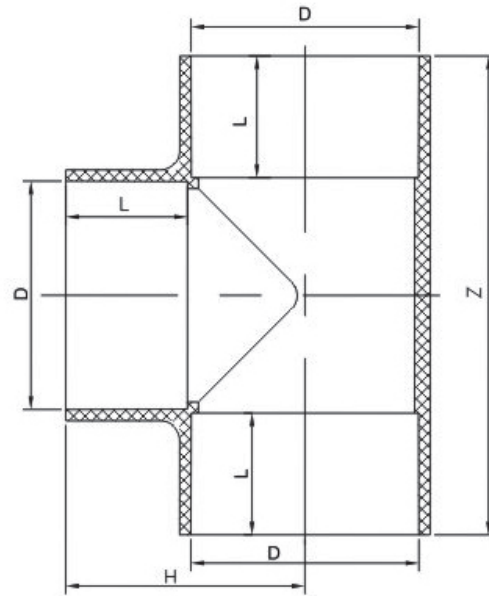
PVC-U water supply pipe system can be connected by rubber ring, glue, etc.



Mechanical Properties Pipe Fittings

Project	Nominal outer diameter(dn)	Test parameters			Test methods
		temperature (°C)	time (h)	Ring stress (Mpa)	
Hydrostatic test	dn≤90	20	1	4.2xPN	No break, no leakage
	1000		3.2xPN		
	dn > 90	20	1	3.36xPN	
			1000	2.56xPN	
Drop test	0°C				No break
Vicat softening temperature	≥ 74°C				
Oven test	GB/T 8803-2001				

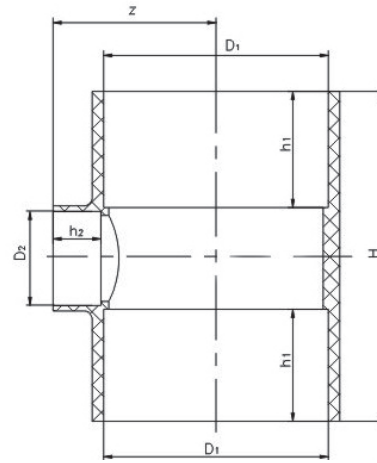
▲ Equal Tee



Unit: MM

Code	Spec D	Size		
		L	Z	H
3030010001	20	16	58	29
3030010002	25	19	66	33
3030010003	32	22	78	39
3030010004	40	26	98	49
3030010005	50	31	118	59
3030010006	63	38	145	72.5
3030010007	75	44	167	83.5
3030010008	90	51	198	99
3030010009	110	61	238	119
3030010010	125	70	269	134.5
3030010011	140	76	300	150
3030010012	160	86	337	168.5
3030010013	200	106	420	210
3030010014	225	119	468	234
3030010015	250	131	518	259
3030010016	280	147	592	296
3030010017	315	164	651	325.5
3030010018	355	184	739	369.5
3030010019	400	186	792	396

▲ Reducing Tee

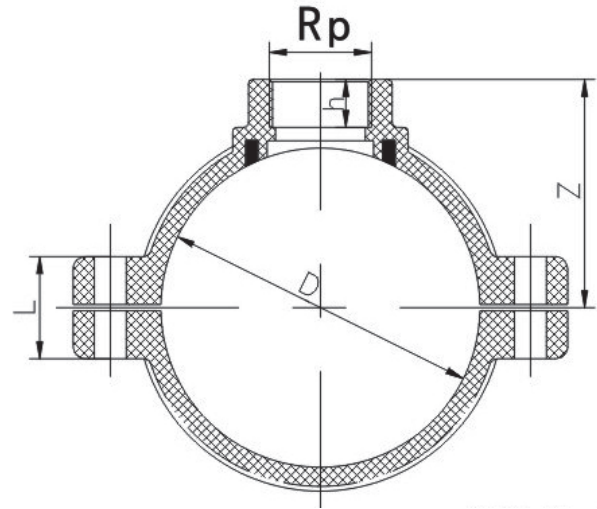


Unit: MM

Code	Spec D1xD2	Size			
		H	h1	h2	Z
3030020001	25X20	60	19	16	30.5
3030020002	32X20	69	22	16	35
3030020003	32X25	74.5	22	19	36
3030020004	40X20	79	26	16	39
3030020005	40X25	83.7	26	19	42
3030020006	40X32	91	26	24	45
3030020007	50X20	87.5	31	16	44.5
3030020008	50X25	92.5	31	19	45
3030020009	50X32	95.5	31	22	50.5
3030020010	50X40	108	31	26	54
3030020011	63X20	102	38	16	50
3030020012	63X25	106.5	38	19	53
3030020013	63X32	112.5	38	22	56.5
3030020014	63X40	121	38	26	60.5
3030020015	63X50	132.5	38	31	66.5
3030020016	75X32	126	44	22	63.5
3030020017	75X40	134.5	44	26	68.5
3030020018	75X50	143.8	44	31	73
3030020019	75X63	156.5	44	38	78.5
3030020020	90X50	159.5	51	31	79.5
3030020021	90X63	173.5	51	38	86.5
3030020022	90X75	185	52	44	92.5
3030020023	110X50	179	61	31	90
3030020024	110X63	192	61	38	96
3030020025	110X75	205	61	44	100.5
3030020026	110X90	220	61	51	109.5
3030020027	125X75	237	70	44	107.5
3030020028	125X90	237	70	51	118
3030020029	125X110	256	70	61	128.5
3030020030	140X90	248	70	51	123.5

Code	Spec D1xD2	Size			
		H	h1	h2	Z
3030020031	140X110	268.5	76	61	144.5
3030020032	160X75	251	86	44	125
3030020033	160X90	267.5	86	51	135
3030020034	160X110	286.5	86	61	144.5
3030020035	160X125	303	86	70	151.5
3030020036	160X140	318.5	86	76	159
3030020037	200X75	291	106	44	145
3030020038	200X90	331	106	51	152
3030020039	200X110	331	106	61	165
3030020040	200X160	380.5	106	86	190
3030020041	225X110	359.5	119	61	191
3030020042	225X160	406.5	119	86	213
3030020043	250X110	378	131	61	189
3030020044	250X160	428.5	131	86	223.5
3030020045	250X200	468.5	131	106	233.5
3030020046	280X200	512	147	106	255
3030020047	315X110	447.5	164	61	223
3030020048	315X160	497.5	164	86	248
3030020049	315X200	537	164	106	268
3030020050	315X225	537	164	119	281
3030020051	315X250	587	164	131	293
3030020052	355X110	558	184	61	234.5
3030020053	355X160	558	184	86	256.5
3030020054	355X200	692	184	107	277.5
3030020055	355X225	692	184	118	289.5
3030020056	355X250	692	184	131	346
3030020057	400X200	644	206	106	316
3030020058	400X225	644	206	119	310
3030020059	400X250	751	206	131	341
3030020060	400X315	751	206	164	374

▲ Saddle Clamp

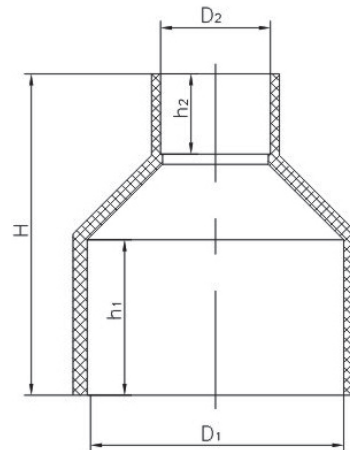


Unit: MM

Code	Spec DxRp	Size		
		H	z	L
3030030001	50x25	26	59	23
3030030002	63x25	26	65	28
3030030003	63x1"	21	60	28
3030030004	75x1 1/2"	24	68	31
3030030005	90x25	26	80	36
3030030006	90x1"	24	79.5	36
3030030007	90x1 1/2"	24	75	36
3030030008	110x1/2"	24	88.5	38
3030030009	110x1"	24	88.5	38
3030030010	110x1 1/2"	35	97	38
3030030011	110x2"	35	97	38
3030030012	110x2 1/2"	35	97	38
3030030013	125x1 1/2"	37	105	37
3030030014	125x2"	37	105	37
3030030015	125x2 1/2"	37	105	37
3030030016	160x1/2"	36	125	55
3030030017	160x3/4"	36	125	55
3030030018	160x1"	24	114.5	55
3030030019	160x1 1/2"	36	125	55

Code	Spec DxRp	Size		
		H	z	L
3030030020	160x2"	36	125	55
3030030021	160x2 1/2"	36	125	55
3030030022	200x1 1/2"	35	142	74
3030030023	200x2"	37	142	74
3030030024	200x2 1/2"	37	142	74
3030030025	225x1 1/2"	37	153.5	76
3030030026	225x2"	37	153.5	76
3030030027	225x2 1/2"	37	153.5	76
3030030028	250x2" (Copper)	28	170	76
3030030029	250x2 1/2"	38	170	76
3030030030	250x3"	34	170	76
3030030031	250x110	61.5	195	76
3030030032	315x2" (Copper)	27	170	70
3030030033	315x110	63	231.5	70
3030030034	315x160	86	250	70
3030030035	400x110	61	285	87
3030030036	400x200	106	330	87
3030030037	400x250	162	385	87

▲ Reducing Coupling

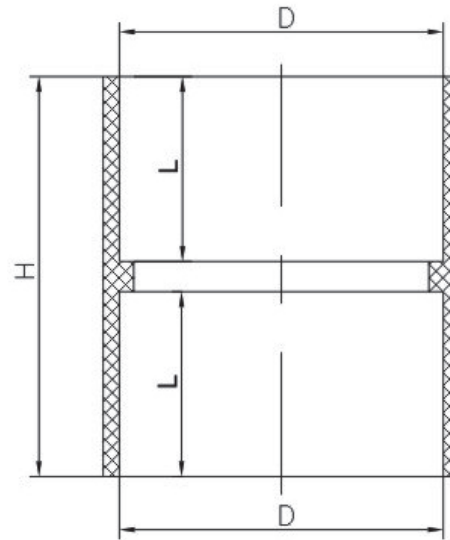


Unit: MM

Code	Spec D1xD2	Size		
		H	h1	h2
3030040001	25X20	43	19	16
3030040002	32X20	49	22	16
3030040003	32X25	49	22	19
3030040004	40X20	57	26	16
3030040005	40X25	60	26	19
3030040006	40X32	60	26	22
3030040007	50X20	66	31	16
3030040008	50X25	67	31	19
3030040009	50X32	68	31	22
3030040010	50X40	69	31	26
3030040011	63X20	80	38	16
3030040012	63X25	80	38	19
3030040013	63X32	81	38	22
3030040014	63X40	82	38	26
3030040015	63X50	81	38	31
3030040016	75X32	95	44	22
3030040017	75X40	94	44	26
3030040018	75X50	93	44	31
3030040019	75X63	94	44	38
3030040020	90X50	99	51	31
3030040021	90X63	99	51	38
3030040022	90X75	109	51	44
3030040023	110X50	124	61	31
3030040024	110X63	126	61	38
3030040025	110X75	128	61	44
3030040026	110X90	128	61	51
3030040027	125X63	145	70	38
3030040028	125X75	144	70	44
3030040029	125X90	145	70	51

Code	Spec D1xD2	Size		
		H	h1	h2
3030040030	125X110	148	70	61
3030040031	140X90	159	76	51
3030040032	140X110	162	76	61
3030040033	160X90	179	86	51
3030040034	160X110	271	86	61
3030040035	160X125	180	86	70
3030040036	160X140	182	86	76
3030040037	200X110	220	106	61
3030040038	200X160	221	106	86
3030040039	225X110	221	120	61
3030040040	225X160	234	120	81
3030040041	225X200	243	119	106
3030040042	250X110	271	131	61
3030040043	250X160	271	131	86
3030040044	250X200	271	131	106
3030040045	250X225	270	131	119
3030040046	280X250	301	147	132
3030040047	315X110	336	164.5	61
3030040048	315X160	336	164.5	86
3030040049	315X200	336	164.5	106
3030040050	315X250	336	164.5	131
3030040051	315X280	338	164.5	147
3030040052	355X200	379	184	106
3030040053	355X315	380	184	164
3030040054	400X200	422	206	106
3030040055	400X250	422	206	131
3030040056	400X315	422	206	164
3030040057	400X355	420	206	184

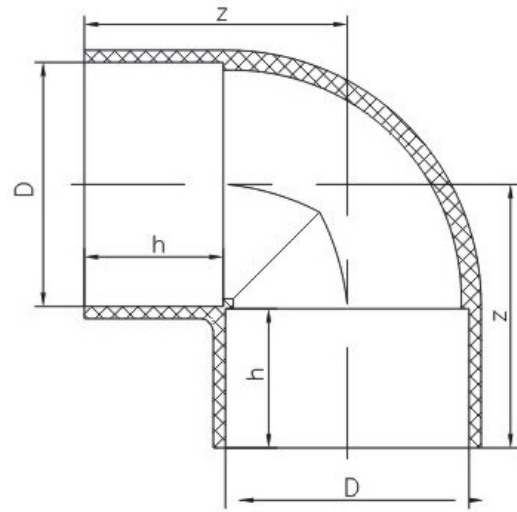
▲ Equal Coupling



Unit: MM

Code	Spec D	Size	
		L	H
3030050001	20	16	38
3030050002	25	19	42
3030050003	32	22	47
3030050004	40	26	57
3030050005	50	31	67
3030050006	63	38	82.5
3030050007	75	44	93.5
3030050008	90	51	110
3030050009	110	61	127.5
3030050010	125	70	144
3030050011	140	76	162
3030050012	160	86	182
3030050013	200	106	226
3030050014	225	119	252
3030050015	250	131	269
3030050016	280	147	304
3030050017	315	164	344
3030050018	355	184	378
3030050019	400	206	419

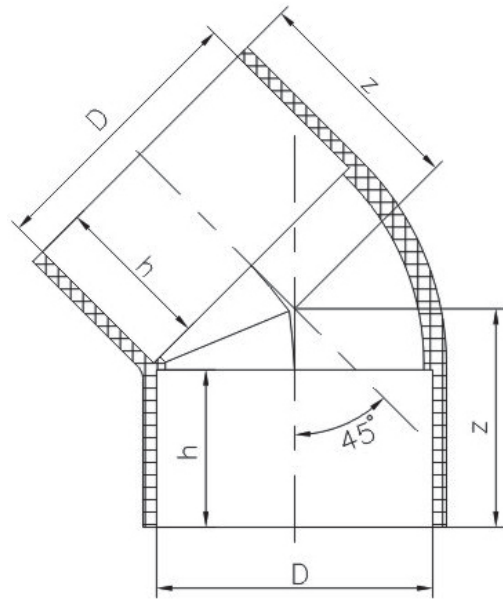
▲ 90 ° Elbow



Unit: MM

Code	Spec D	Size	
		h	z
3030060001	20	16	26.5
3030060002	25	19	32
3030060003	32	22	39
3030060004	40	26	49
3030060005	50	31	59
3030060006	63	38	71.5
3030060007	75	44	83
3030060008	90	51	98.5
3030060009	110	61	118.5
3030060010	125	70	135.5
3030060011	140	76	150
3030060012	160	86	169
3030060013	200	106	210
3030060014	225	119	243
3030060015	250	131	259
3030060016	280	147	296
3030060017	315	164	325.5
3030060018	355	184	369.5
3030060019	400	206	416

▲ 45° Elbow



Unit: MM

Code	Spec D	Size	
		h	z
3030070001	20	16	23.5
3030070002	25	19	26.5
3030070003	32	22	32
3030070004	40	26	38
3030070005	50	31	45.5
3030070006	63	38	54
3030070007	75	44	62.5
3030070008	90	51	75
3030070009	110	61	89
3030070010	125	70	99.5
3030070011	140	76	110.5
3030070012	160	86	121.5
3030070013	200	106	150
3030070014	225	119	169
3030070015	250	131	186.5
3030070016	280	147	213
3030070017	315	164	234
3030070018	355	184	268
3030070019	400	206	305

▲ 11.25° Elbow

Unit: MM

Code	Spec D	Size	
		h	z
3030080001	63	38	44
3030080002	90	52	59
3030080003	110	62	70

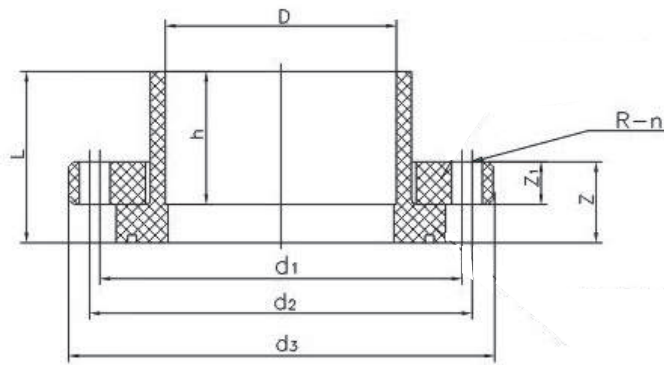
▲ 22.5° Elbow



Unit: MM

Code	Spec D	Size	
		h	z
3030090001	63	38	47
3030090002	90	52	63.5
3030090003	110	62	75.5

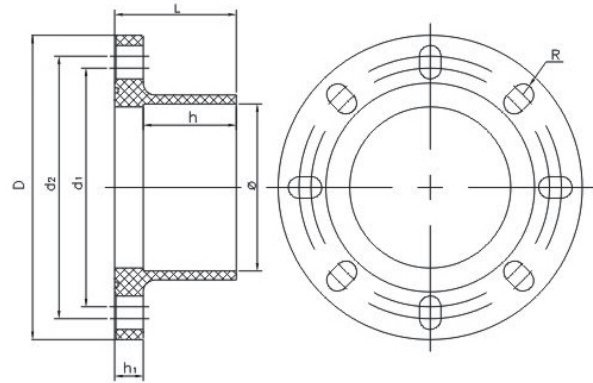
▲ Stub Flange



Unit: MM

Code	Spec D	Size							
		L	h	Z	d1	d2	d3	R-n	Z1
3030100001	50	36.5	31.5	25	110	\	135	7x4	15
3030100002	63	43	38.5	24	110	125	165	9x4	14.3
3030100003	75	48	45	27	130	145	185	9x4	15
3030100004	90	66.5	52	34	150	160	195	9x4	19.5
3030100005	110	74.5	62.5	35	170	180	225	9x8	22
3030100006	125	76	71	35	190	200	255	9x8	22
3030100007	140	85.6	78	36.5	200	220	260	9x8	23
3030100008	160	105	87.5	45	230	240	285	1 1x8	27.5
3030100009	200	132.5	108	64	295	\	338	1 1x8	39
3030100010	225	125.6	120	63.5	295	\	340	11x8	39.5
3030100011	250	156.5	132	63	350	\	395	11x12	38
3030100012	280	165	147	44	350	355	400	11x12	35
3030100013	315	188.8	163.8	66.7	400	\	455	11x12	41.5
3030100014	355	204	184	60	445	460	505	11x16	45
3030100015	400	231	206	61	495	515	565	13x16	45

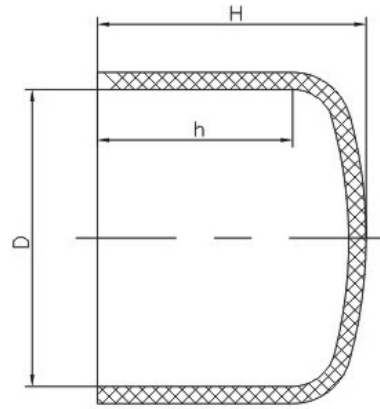
▲ Ts Flange



Unit: MM

Code	Spec D	Size							
		D	d1	d2	L	h	h1	R	n(number of holes)
3030110001	20	95	65	/	25	21.5	15	7	4
3030110002	25	105	75	/	25	22	15	7	4
3030110003	32	115	85	/	25	22	15	7	4
3030110004	40	135	100	/	36	30	16	8.5	4
3030110005	50	135	110	/	48	32.5	16	7	4
3030110006	63	165	110	125	55.5	40.5	16	7	4
3030110007	75	185	130	145	58	51	18.5	7	8
3030110008	90	195	150	160	63.5	57.5	22	8.5	8
3030110009	110	225	180	/	85	64	21	8.5	8
3030110010	140	255	200	220	102	78	24	8.5	8
3030110011	160	285	240	/	111.5	88	25	11	8
3030110012	200	338	295	/	141.5	108	32	11	8
3030110013	250	395	350	/	151	131	33	11	12

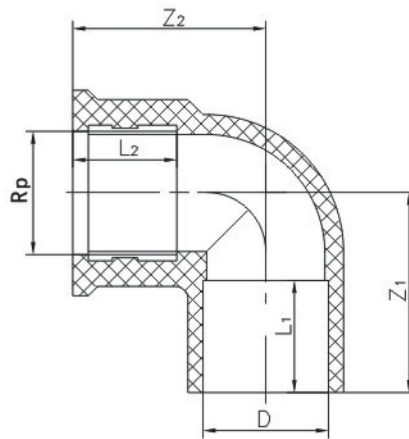
▲ Cap



Unit: MM

Code	Spec D	Size	
		h	H
3030120001	20	16	24
3030120002	25	19	27.5
3030120003	32	22	32
3030120004	40	26	36
3030120005	50	31	45
3030120006	63	38	54
3030120007	75	44	66.5
3030120008	90	51	80
3030120009	110	61	97
3030120010	125	70	93.5
3030120011	140	\	\
3030120012	160	86	126
3030120013	200	106	147
3030120014	225	119	162.5
3030120015	250	131	183
3030120016	315	164	228
3030120017	355	184	268
3030120018	400	206	297

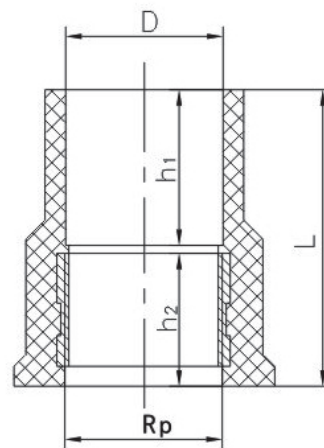
▲ Copper Thread 90° Elbow



Unit: MM

Code	Spec DxRp	Size			
		L1	L2	Z1	Z2
3030140001	20x1/2"	16	17	33	31
3030140002	25x1/2"	19	17	40	31
3030140003	25x3/4"	19	17	39	34
3030140004	32x1/2"	22	17	47	31
3030140005	32x3/4"	22	17	46	34
3030140006	32x1"	22	19	46	46

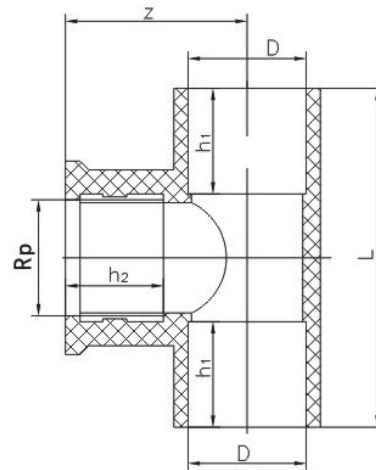
▲ Copper Thread Coupling



Unit: MM

Code	Spec DxRp	Size		
		h1	h2	L
3030150001	20x1/2"	16	17	38
3030150002	25x1/2"	19	17	41
3030150003	25x3/4"	19	17	43
3030150004	32x1/2"	22	17	48
3030150005	32x3/4"	22	17	46
3030150006	32x1"	22	19	49

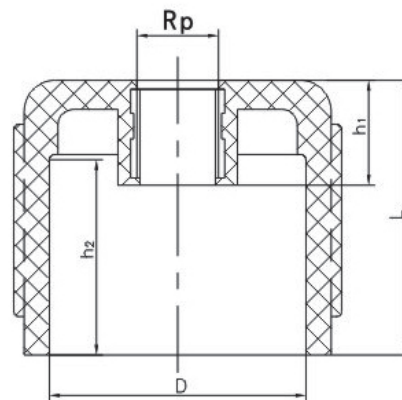
▲ Copper Thread Tee



Unit: MM

Code	Spec DxRp	Size			
		L	h1	h2	Z
3030160001	20x1/2"	58	16	17	31
3030160002	25x1/2"	62	19	17	34
3030160003	25x3/4"	68	19	17	34
3030160004	32x1/2"	69	22	17	37
3030160005	32x3/4"	75	22	17	37
3030160006	32x1"	80.5	22	19	40.5
3030160007	40x1/2"	77	26	18	40 (whole plastic)
3030160008	50x1/2"	89	32	17	46
3030160009	50x3/4"	95	32	17	47
3030160010	50x1"	100	32	19	50
3030160011	63x1/2"	100	38	17	55
3030160012	63x3/4"	101	38	17	56
3030160013	63x1"	107	38	19	59

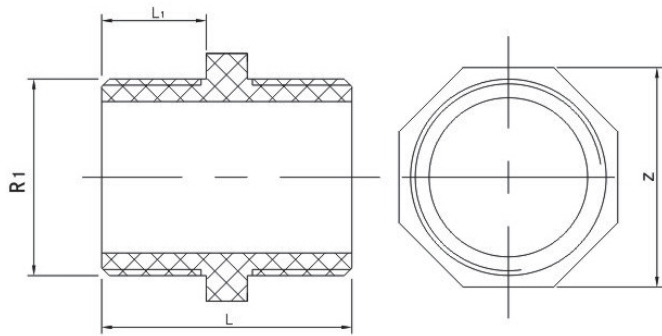
▲ Copper Thread Cap



Unit: MM

Code	Spec DxRp	Size		
		h1	h2	L
3030170001	63x3/4"	24	40	60
3030170002	63x1"	24	40	60

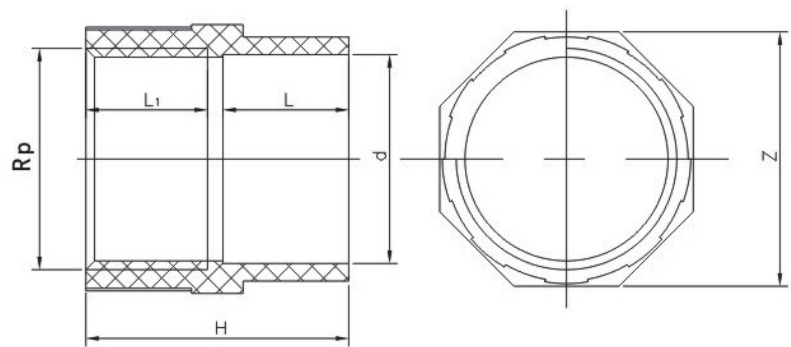
▲ Female Screw Joint



Unit: MM

Code	Spec DxRp	Size			
		H	L	L1	Z
3030180001	40x1 1/4"	54	26	22	50.5
3030180002	40x1 1/2"	54	26	24	59.5
3030180003	50x1 1/2"	60	31	24	29.5
3030180004	63x2"	72	38	30	74
3030180005	75x2 1/2"	84	44	35	87
3030180006	90x3"	92.5	51	35	100.5
3030180007	110x4"	110	62	40	127

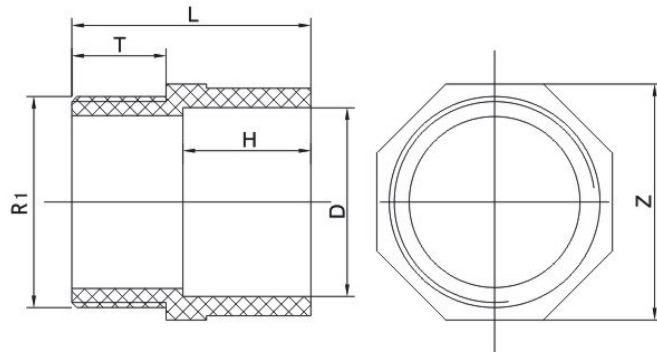
▲ Thread Nipple



Unit: MM

Code	Spec DxRp	Size		
		L	L1	Z
3030190001	1/2"	41	17	26
3030190002	3/4"	44	19	31
3030190003	1"	50	20	38.5
3030190004	1 1/4"	55	20	48
3030190005	1 1/2"	52	22	54
3030190006	2"	68	29	73.5

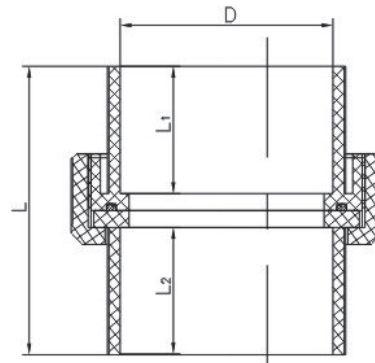
▲ Male Coupler



Unit: MM

Code	Spec DxR1	Size			
		L	H	T	Z
3030200001	20x1/2"	40	16	17	27
3030200002	25x 3/4"	45	19	20	32
3030200003	32x1"	50	22	21	41
3030200004	40x1 1/4"	54	26	22	49
3030200005	50x1 1/2"	64	31	25	60
3030200006	63x2"	76	38	29	73
3030200007	75x2 1/2"	85.5	44	32	87.5
3030200008	90x3"	98	51	34	104
3030200009	110x4"	114	61	40	116

▲ Union



Unit: MM

Code	Spec D	Size		
		L	L1	L2
3030210001	20	47	16	16
3030210002	25	53	19	19
3030210003	32	62	22	22
3030210004	40	71	26	26
3030210005	50	83	31	31
3030210006	63	94	38	38
3030210007	75	98	44	44
3030210008	90	115	51	51

▲ Ball Valve



Unit: MM

Code	Spec
3030220001	20
3030220002	25
3030220003	32
3030220004	40
3030220005	50
3030220006	63
3030220007	75
3030220008	90
3030220009	110

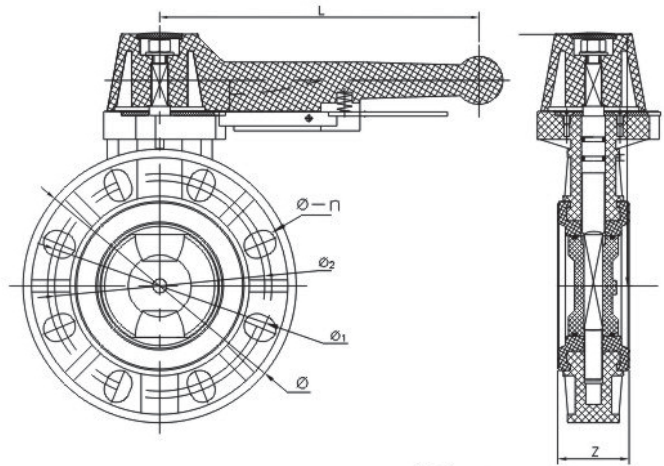
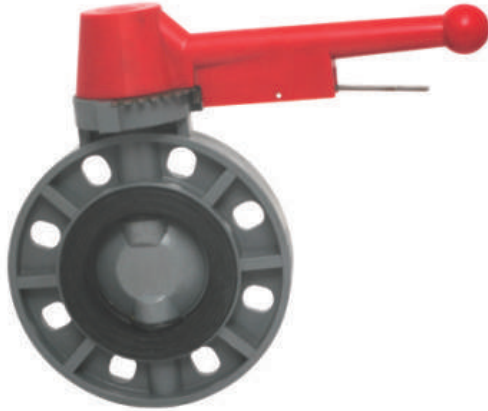
▲ Screw Ball Valve



Unit: MM

Code	Spec
3030230001	1/2" 20
3030230002	3/4" 25
3030230003	1" 32
3030230004	1 1/4" 40
3030230005	1 1/2" 50
3030230006	2" 63
3030230007	2 1/2" 75

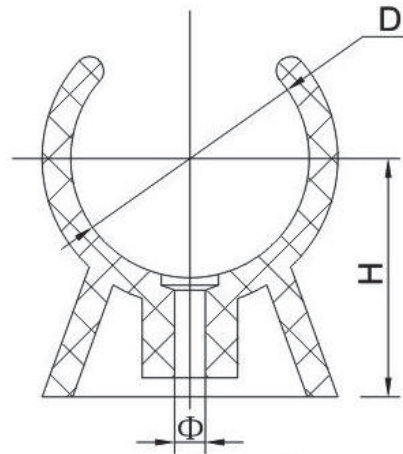
▲ Butterfly Valve (Handle Lever Type)



Unit: MM

Code	Spec D	Size						
		L	z	H	Φ	Φ1	Φ2	Φ-n
3030240001	90 (3")	245	51	180	195	160	150	18x8
3030240002	110 (4")	240	56	205	225	\	180	19.5x8
3030240003	160 (6")	305	70	252	285	\	240	23x8
3030240004	200 (8")	305	93	300	345	\	295	23x8

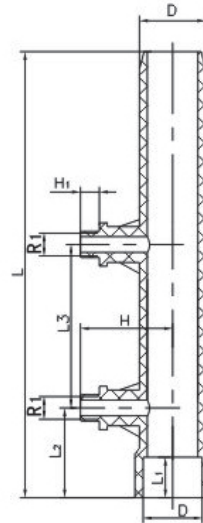
▲ Bracket



Unit: MM

Code	Spec D	Size	
		H	Φ
3030250001	20	20	4
3030250002	25	22.5	4
3030250003	32	26	4
3030250004	40	33	4
3030250005	50	39	4
3030250006	63	46.5	4

▲ Mainfold



Unit: MM

Code	Spec DxR1	Size					
		L	L1	L2	L3	H	H1
3030260001	63x3/4"	430	50	84	190	69	19

▲ Flange Gasket

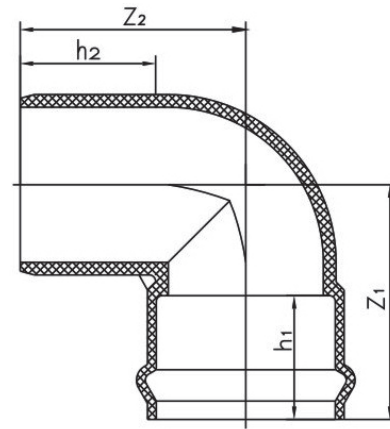


Unit: MM

Code	Spec	Code	Spec
3030270001	20	3030270010	125
3030270002	25	3030270011	140
3030270003	32	3030270012	160
3030270004	40	3030270013	200
3030270005	50	3030270014	225
3030270006	63	3030270015	250
3030270007	75	3030270016	315
3030270008	90	3030270017	355
3030270009	110	3030270018	400

Gasketed-Type Fittings

▲ Faucet X Flat 90° Elbow



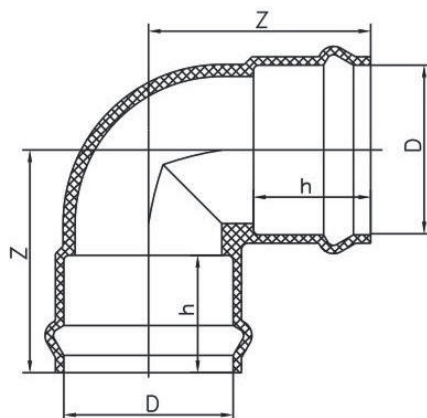
Unit: MM

Code	Spec D	Size			
		Z1	Z2	h1	h2
3031001001	225	312	296	166	170
3031001002	250	337.5	340	182	178
3031001003	315	393	378	198	222

▲ Double Faucet 90° Elbow

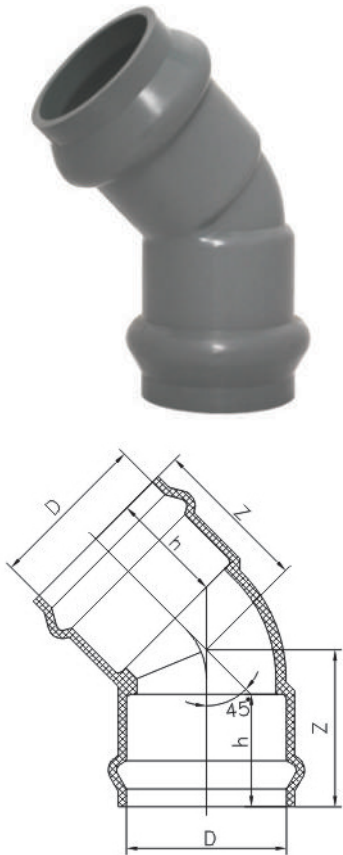


Unit: MM



Code	Spec D	Size	
		Z	h
3031002001	63	112	76
3031002002	75	123	81.5
3031002003	90	165	114
3031002004	110	190	122
3031002005	160	229	142
3031002006	200	266	153
3031002007	225	312	163
3031002008	250	338	177
3031002009	315	393	198
3031002010	355	393	206

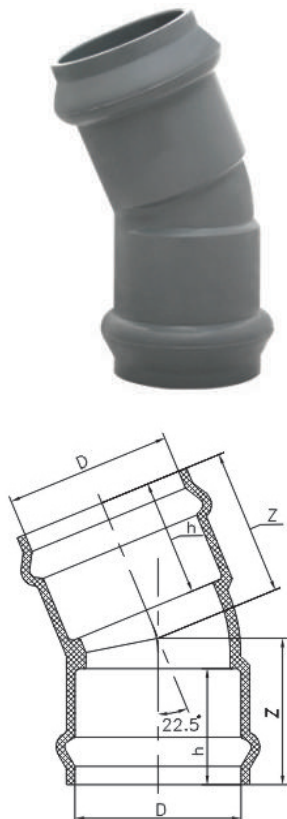
▲ Double Faucet 45° Elbow



Unit: MM

Code	Spec D	Size	
		Z	h
3031003001	63	92	76
3031003002	75	103.5	81.5
3031003003	90	136	114
3031003004	110	162.5	122
3031003005	160	183	141.5
3031003006	200	210	155
3031003007	225	222	166
3031003008	250	248	180
3031003009	315	298	195
3031003010	355	292	205

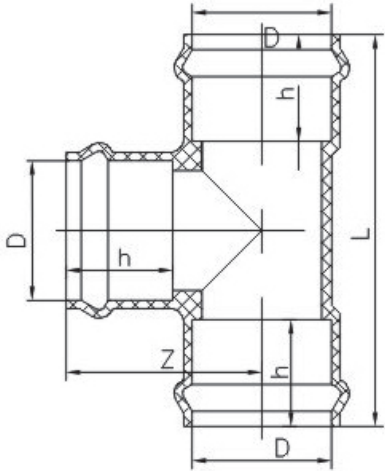
▲ Double Faucet 22.5° Elbow



Unit: MM

Code	Spec D	Size	
		Z	h
3031004001	110	152	122
3031004002	160	166	140.5
3031004003	200	190	155
3031004004	225	191	166
3031004005	250	224	180
3031004006	315	268	198

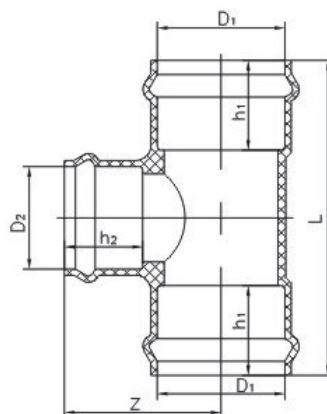
▲ **Faucet Equal Tee**



Unit: MM

Code	Spec D	Size		
		L	h	z
3031005001	63	224	76	112
3031005002	75	245	81.5	122.5
3031005003	90	330	115	165
3031005004	110	410	122	206
3031005005	160	473	141.5	238
3031005006	200	560	152	280
3031005007	225	615	166	308
3031005008	250	666	176	333
3031005009	315	780	198	390
3031005010	355	786	206	393

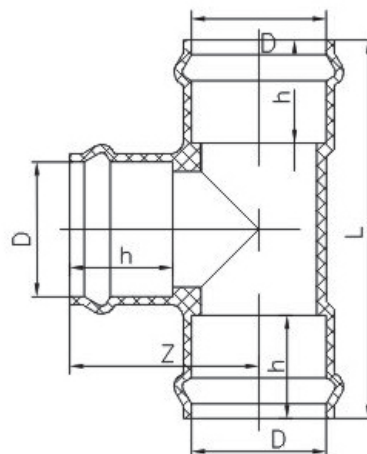
▲ Faucet Reducing Tee



Unit: MM

Code	Spec D1xD2	Size			
		L	h1	h2	Z
3031006001	75x63	234	81.5	76	117.5
3031006002	90x63	304	115	76	128
3031006003	90x75	304	115	81.5	153
3031006004	110x63	340	122	76	141
3031006005	110x75	340	122	81.5	138
3031006006	110x90	340	122	115	197
3031006007	160x63	384	141	76	169
3031006008	160x75	384	141	81.5	175
3031006009	160x90	384	141	115	225
3031006010	160x110	430	142	122	220
3031006011	200x63	416	152	76	195
3031006012	200x75	416	152	81.5	200
3031006013	200x90	416	152	115	250
3031006014	200x110	477	155	122	235
3031006015	200x160	535	155	142	255
3031006016	225x110	492	166	122	250
3031006017	225x160	545	166	142	270
3031006018	250x110	516	180	122	265
3031006019	250x160	576	180	142	285
3031006020	250x200	618	180	155	315
3031006021	315x110	570	198	122	312
3031006022	315x160	618	198	142	317
3031006023	315x200	658	198	155	344
3031006024	355x160	616	206	105	343
3031006025	355x200	616	206	155	387
3031006026	355x225	664	206	166	370
3031006027	355x250	664	206	177	413

▲ Faucet X Faucet X Flat Equal Tee



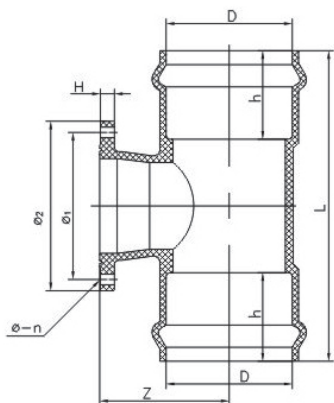
Unit: MM

Code	Spec D	Size			
		L	h1	h2	Z
3031007001	110	410	122	130	206
3031007002	160	480	141.5	144	238
3031007003	200	560	155	155	280
3031007004	225	615	166	167	308
3031007005	250	670	180	182	333
3031007006	315	780	198	198	390

▲ Faucet X Flat X Faucet Reducing Tee

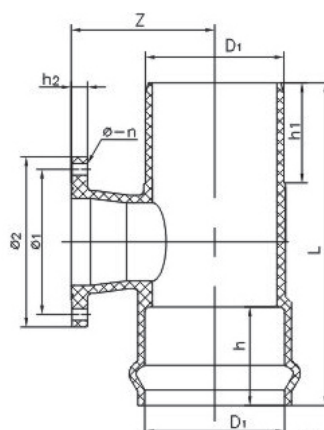


Unit: MM



Code	Spec D1xD2	Size				
		L	h1	h2	h3	Z
3031008001	160x110	440	141.5	122	144	220
3031008002	200x110	477	155	122	155	235
3031008003	200x160	530	155	141.5	155	255
3031008004	225x110	495	166	122	167	250
3031008005	225x160	550	166	141.5	167	270
3031008006	250x110	515	180	122	182	265
3031008007	250x160	570	180	141.5	182	285
3031008008	250x200	616	180	155	182	315
3031008009	315x110	575	198	122	197	312
3031008010	315x160	618	198	141.5	197	318
3031008011	315x200	663	198	155	197	344

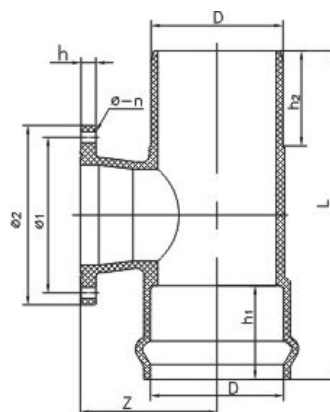
▲ Faucet X Flanged X Flat Equal Tee



Unit: MM

Code	Spec D	Size							
		L	h1	h2	h	Φ1	Φ2	Z	Φ-n
3031009001	110	410	122	127	21	180	225	158	17.5x8
3031009002	160	480	141.5	144	24	240	285	191	22x8
3031009003	200	560	155	155	28	295	340	217.5	22x8
3031009004	225	615	166	167	30	295	340	260	22x8

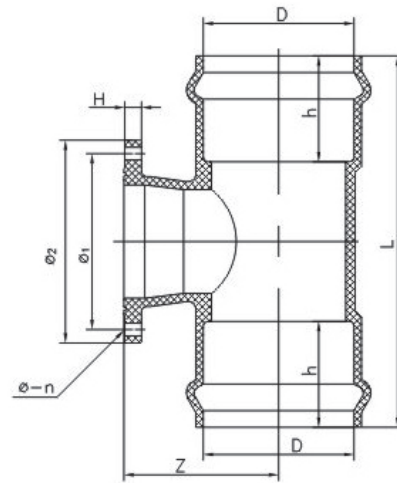
▲ Faucet X Flanged X Flat Reducing Tee



Unit: MM

Code	Spec	Size							
		L	h	h1	h2	Φ1	Φ2	Z	Φ-n
3031010001	160x110	440	141.5	144	21	180	225	191	17.5x8
3031010002	200x110	477	155	155	21	180	225	210	17.5x8
3031010003	200x160	530	155	155	24	240	285	216.5	22x8
3031010004	225x110	495	166	167	21	180	225	225	17.5x8
3031010005	225x160	550	166	167	24	240	285	230	22x8
3031010006	250x110	515	180	182	21	180	225	238	17.5x8
3031010007	250x160	570	180	182	24	240	285	240	22x8
3031010008	250x200	616	180	180	28	295	240	260	22x8
3031010009	315x110	575	198	197	21	180	225	279	17.5x8
3031010010	315x160	618	198	197	24	240	285	277	22x8
3031010011	315x200	663	198	197	28	295	340	292	22x8

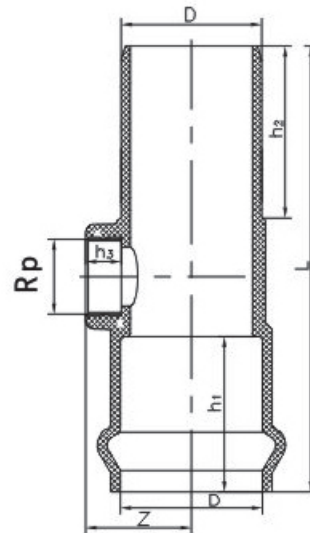
▲ Double Faucet X Flanged Equal Tee



Unit: MM

Code	Spec D	Size						
		L	h	Z	Φ1	Φ2	H	Φ-N
3031011001	110	413	122	158	180	225	21	17.5-8
3031011002	160	475	141.5	191	240	285	24	22-8
3031011003	200	560	155	217.5	295	340	28	22-8
3031011004	225	611	166	260	295	340	30	22-8

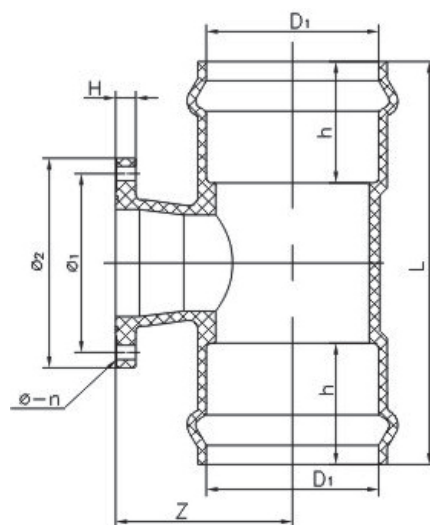
▲ Faucet X Copper F/T Reducing Tee



Unit: MM

Code	Spec DxRp	Size				
		L	h1	h2	h3	Z
3031012001	110x2"	340	122	130	28	81
3031012002	160x2"	380	141.5	144	28	103
3031012003	200x2"	410	155	155	28	122.5

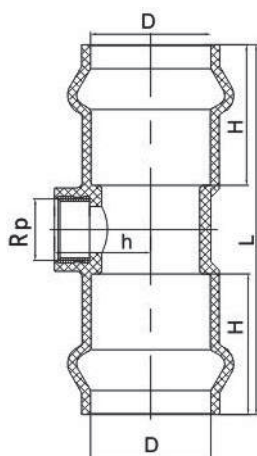
▲ Double Faucet X Flanged Reducing Tee



Unit: MM

Code	Spec D1xD2	Size						
		L	h	Z	Φ1	Φ2	H	Φ-n
3031013001	160x110	428	141.5	191	180	225	21	17.5-8
3031013002	200x110	475	155	210	180	225	21	17.5-8
3031013003	200x160	535	155	216.5	240	285	24	22-8
3031013004	225x110	490	166	225	180	225	21	17.5-8
3031013005	225x160	540	166	230	240	285	24	22-8
3031013006	250x110	520	180	238	180	225	21	17.5-8
3031013007	250x160	573	180	240	240	285	24	22-8
3031013008	250x200	623	180	260	295	340	28	22-8
3031013009	315x110	580.5	198	279	180	225	21	17.5-8
3031013010	315x160	618	198	277	240	285	24	22-8
3031013011	315x200	663	198	292	295	340	28	22-8

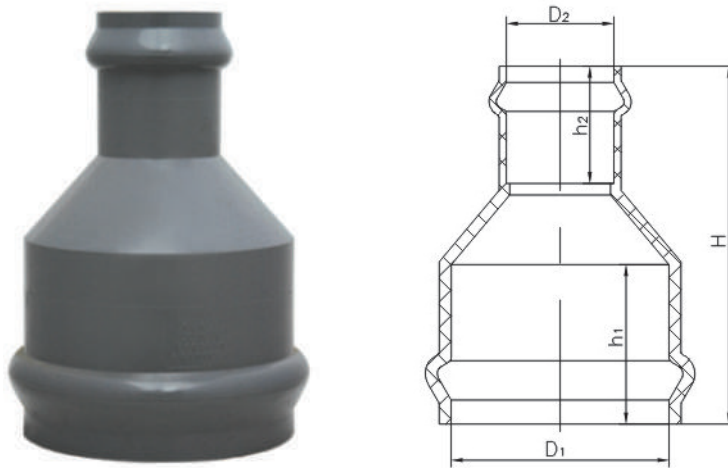
▲ Double Faucet X Copper F/T Reducing Tee



Unit: MM

Code	Spec DxRp	Size		
		H	h	L
3031013001	63x3/4"	76	52	200
3031013002	63x1"	76	52	200

▲ Double Faucet Reducer

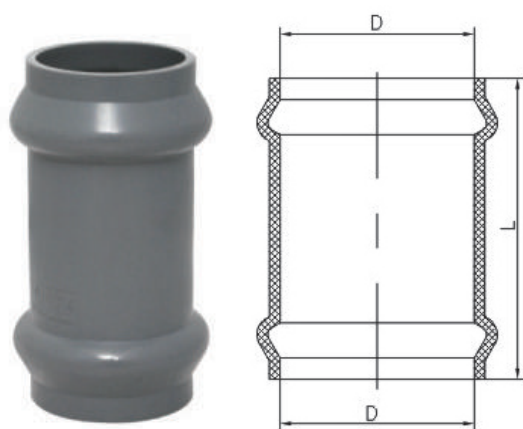


Unit: MM

Code	Spec D1xD2	Size		
		H	h1	h2
3031014001	90x63	210	115	76
3031014002	90x75	212	115	81.5
3031014003	110x63	230	122	76
3031014004	110x90	255	123	116
3031014005	160x110	305	140	122
3031014006	200x110	324	156	122
3031014007	200x160	325	155	140
3031014008	225x110	362	160	122
3031014009	225x160	355	160	140
3031014010	225x200	355	160	155
3031014011	250x110	388	175	122
3031014012	250x160	375	175	140
3031014013	250x200	372	175	155
3031014014	250x225	375	175	165
3031014015	315x160	431	195	140
3031014016	315x200	430	195	155
3031014017	315x250	435	195	182
3031014018	355x200	455	205	155
3031014019	355x315	438	205	198

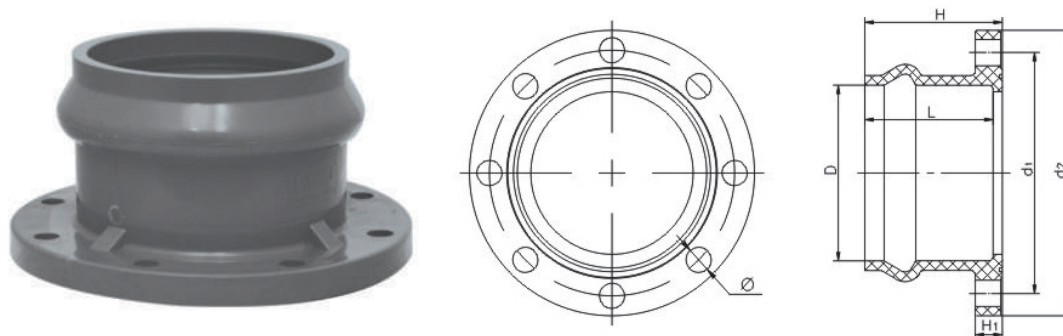
▲ Double Faucet Coupling

Unit: MM



Code	Spec D	Size
		L
3031015001	Φ63	156
3031015002	Φ75	170
3031015003	Φ90	235
3031015004	Φ110	266
3031015005	Φ160	310
3031015006	Φ200	338
3031015007	Φ225	360
3031015008	Φ250	385
3031015009	Φ315	460
3031015010	Φ355	460

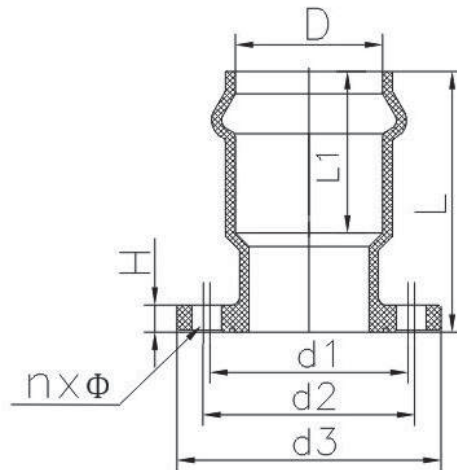
▲ Faucet Flange



Unit: MM

Code	Spec D	Size						
		d1	d2	H	H1	L	Φ1	n (number of holes)
3031017001	63	125	165	88	16	76	17.5	4
3031017002	75	145	185	92	16	81.5	17.5	4
3031017003	90	160	200	122	20.5	113.5	17.5	8
3031017004	110	180	225	148.5	21	124	17.5	8
3031017005	160	240	285	154	24.5	142	22	8
3031017006	200	295	336	167.5	27	153	22	8
3031017007	225	295	340	173.5	31	163	22	8
3031017008	250	350	395	188	33	177	22	12
3031017009	315	400	445	215	36.5	199	22	12
3031017010	355	445-460	505	225	38	209	22	16
3031017011	400	495-515	565	247.5	41.5	227.5	26	16

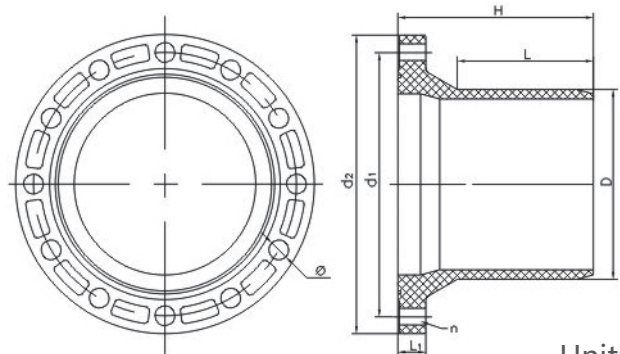
▲ Reducing Faucet Flange



Unit: MM

Code	Spec D	Size					
		D	d1	d2	L	H	n×Φ
3031018001	110x90	110	150	160	197	20.5	8x17.5

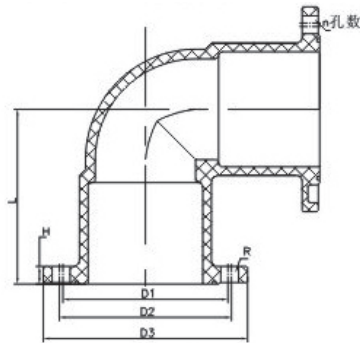
▲ Insert Flange



Unit: MM

Code	Spec D	Size						
		d1	d2	H	L	L1	Φ	n (number of holes)
3031019001	63	125	165	110	80	16	17.5	4
3031019002	75	145	185	113	85	16	17.5	4
3031019003	90	160	200	153	115	20	17.5	8
3031019004	110	180	225	167	125	21	17.5	8
3031019005	160	240	285	196	146	25	22	8
3031019006	200	295	338	215	166	32	22	8
3031019007	225	295	340	226.5	170	31	22	8
3031019008	250	350	395	257.5	180	33	22	12
3031019009	315	400	445	297.5	200	36.5	22	12
3031019010	400	495-515	565	303	235	41.5	26	16

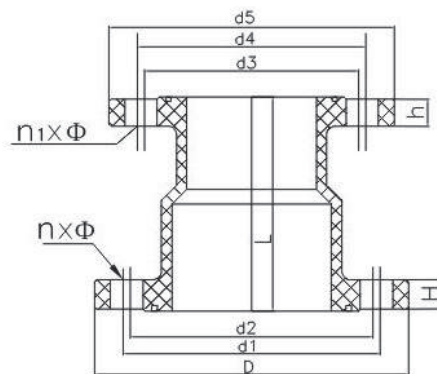
▲ Flanged 90° Elbow



Unit: MM

Code	Spec D	Size						
		D1	D2	D3	L	H	R	n (number of holes)
3031020001	110	170	180	225	195	22	9	8
3031020002	160	230	240	285	243	24.5	9	8

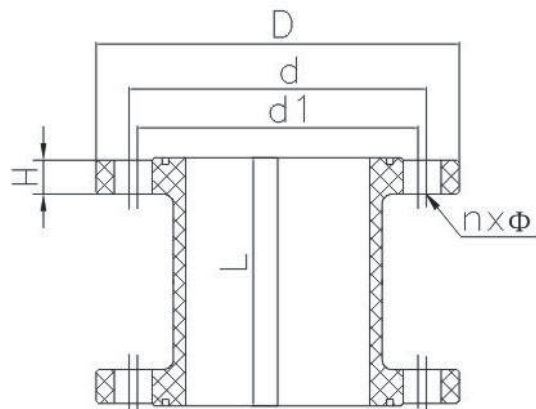
▲ Flanged Reducing Joint



Unit: MM

Code	Spec	Size										
		D	d1	d2	d3	d4	d5	L	H	h	nxΦ	n1xΦ
3031021001	110x90	225	180	170	150	160	200	150	20.5	20.5	8x17.5	8x17.5

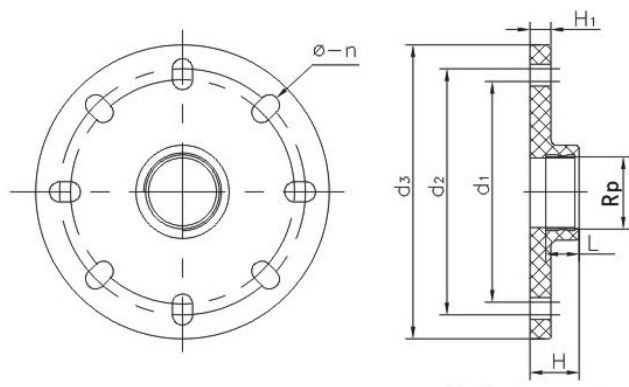
▲ Flanged Coupling



Unit: MM

Code	Spec D	Size					
		D	d1	d2	L	H	nxΦ
3031022001	110	225	180	170	150	20.5	8x17.5

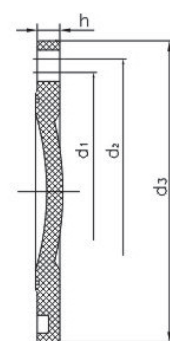
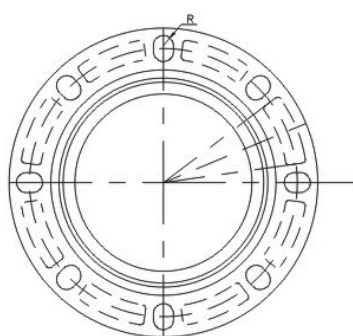
▲ Blind Flange with Copper Female Threaded



Unit: MM

Code	Spec	Size						
		d1	d2	d3	H	H1	L	Φ-n
3031023001	110X2"	170	180	225	38	20	28	5X8
3031023002	160X2"	230	240	285	41.5	25	28	5X8
3031023003	200X2"	295	/	340	43	28	28	

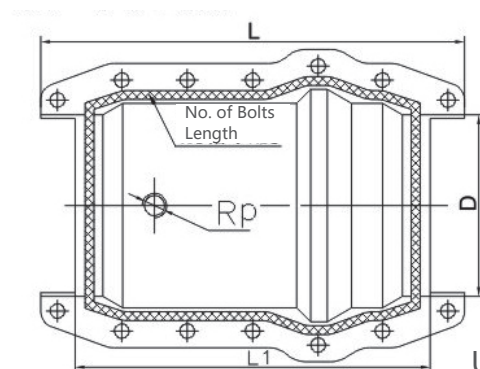
▲ Blind Flange



Unit: MM

Code	Spec	Size					
		d1	d2	d3	h	n (number of holes)	R
3031024001	110	170	180	225	20	8	11
3031024002	160	230	240	285	25	8	9
3031024003	200	295	/	340	28	8	1 1

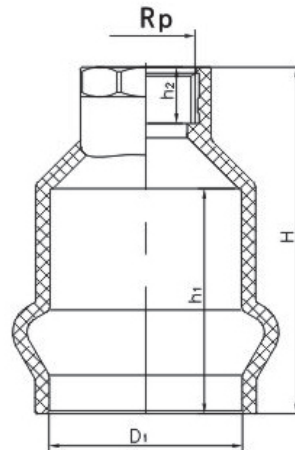
▲ Repairing Coupling



Unit: MM

Code	Spec D	Size			
		L	L1	Rp	Number of bolts (Specification length)
3031026001	90	313	260	1/2"	12-M10X70
3031026002	110	340	280	1/2"	12-M12X70
3031026003	125	345	284	1/2"	12-M12X70
3031026004	140	347	286	1/2"	12-M12X70
3031026005	160	382	320	1/2"	14-M12X80
3031026006	200	462	400	1/2"	16-M12X80
3031026007	225	462	400	1/2"	16-M12X80
3031026008	250	494	430	1/2"	18-M12X90
3031026009	315	525	450	1/2"	18-M12X90
3031026010	355	545	470	1/2"	18-M16X100
3031026011	400	575	500	1/2"	20-M16X100

▲ Faucet X Copper Threaded Coupler



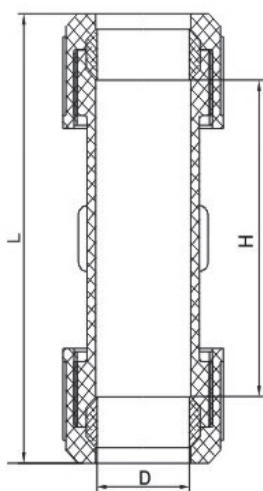
Unit: MM

Code	Spec D1xRp	Size		
		H	h1	h2
3031028001	63x3/4"	117	76	17
3031028002	63x1"	117	76	17

▲ Expansion Coupling

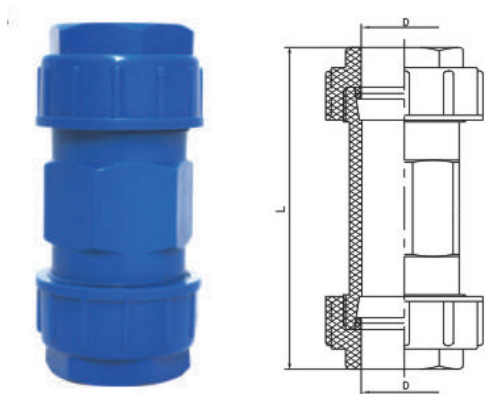


Unit: MM



Code	Spec D	Size	
		L	H
3031027001	20	132	82
3031027002	25	142	92
3031027003	32	151	97
3031027004	40	160	101
3031027005	50	168.5	112
3031027006	63	182.5	121
3031027007	75	193	127
3031027008	90	215	143
3031027009	110	230	151
3031027010	125	240	180
3031027011	160	288	220

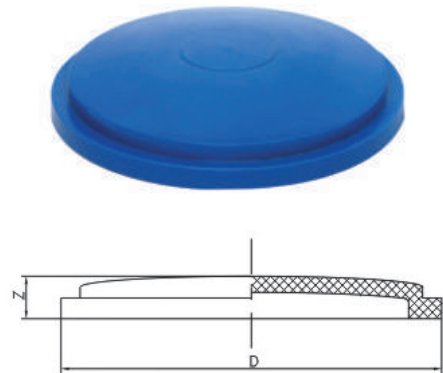
▲ Adapter Joint



Unit: MM

Code	Spec D	Size (L)
3031036001	32	153
3031036002	63	202

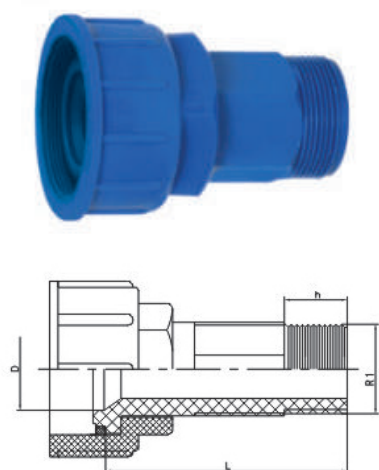
▲ Blank Cap



Unit: MM

Code	Spec D	Size (Z)
3031037001	32	11.5
3031037002	63	4

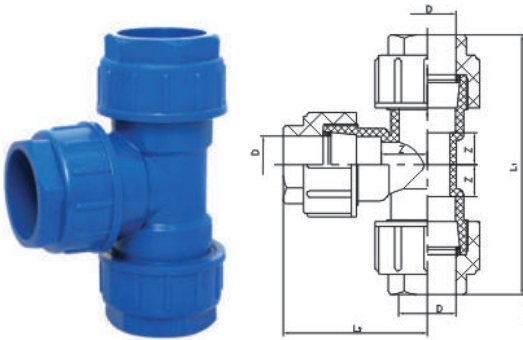
▲ Adapter Union



Unit: MM

Code	Spec R1	Size		
		D	L	h
3031029001	1/2"	32	87	22
3031029002	3/4"	32	87	22
3031029003	1"	32	87	22
3031029004	1 1/4"	63	94	21
3031029005	1 1/2"	63	94	21
3031029006	2"	63	94	21

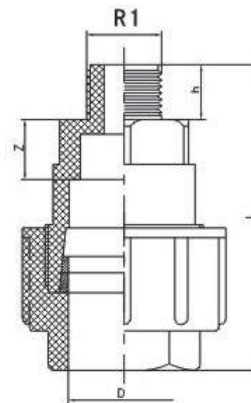
▲ Adapter Union



Unit: MM

Code	Spec D	Size		
		L1	L2	Z
3031030001	32	157	78	38.5
3031030002	63	221	111	65

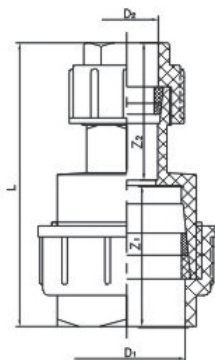
▲ Adapter Union



Unit: MM

Code	Spec DxR1	Size		
		L	z	h
3031031001	32x3/4"	95	14	17
3031031002	32x1/2"	95	14	17
3031031003	32x1"	95	14	17
3031031004	63x1 1/4"	124	20	26
3031031005	63x1 1/2"	124	20	26
3031031006	63x2"	124	20	26

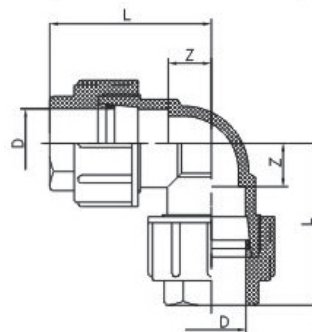
▲ Adapter Reducer



Unit: MM

Code	Spec D1xD2	Size		
		L1	Z1	Z2
3031032001	63X32	157	76	76

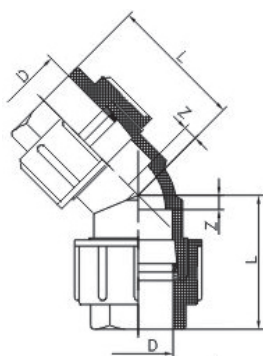
▲ Adapter 90° Elbow



Unit: MM

Code	Spec D	Size	
		L	Z
3031033001	32	80.5	20.5
3031033002	63	111	33

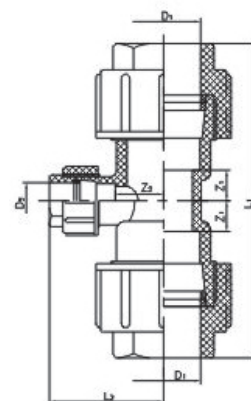
▲ Adapter 45° Elbow



Unit: MM

Code	Spec D	Size	
		L	Z
3031034001	63	96	15

▲ Adapter Reducing Tee



Unit: MM

Code	Spec D1xD2	Size			
		L1	L2	Z1	Z2
3031035001	63X32	229	90.5	36.5	51

 Rubber Gasket



Unit: MM

Coding		Spec		Coding		Spec	
3031040001		63		3031040009		200	
3031040002		75		3031040010		225	
3031040003		90		3031040011		250	
3031040004		110		3031040012		315	
3031040005		125		3031040013		355	
3031040006		140		3031040014		400	
3031040007		160		3031040015		450	
3031040008		180		3031040016		500	



HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

Add.: National University Science Park. West 3rd Ring Road,
Zhengzhou, China. 450000

Tel: +86-157 3887 1220

Web: <https://www.axpipe.com/>

E-mail: ax@axpipe.com