Pipes | Ball Valves | Butt Fusion Fittings | Industrial Products

Chamunda
PLASTIC Pvt. Ltd.

We would like to introduce ourselves as one of the Quality Oriented Manufacturers yet at effective prices for the complete range of Piping Solution. We offer a complete range of HDPE/PP/PPR/PPH/PVDF Pipe Fittings and Ball Valves.

Our range includes:

- *Pipes of HDPE/PP/PPR/PVDF ranging from 20mm to 315mm and Grade PE-63, PE-80 & PE-100 with a pressure ranging from 2.5 kg/cm² to 12.5 kg/cm²*
- *Fittings of PP/HDPE/PPR/PPH/PVDF ranging from 20mm to 630mm*
- *Ball Valves ranging from 0.5" to 12"*

Chamunda Plastic Pvt. Ltd., established in 1999 and has been consistently growing with our motto of high Quality Oriented Manufacturing with cost effective solution to our customers. Started in 1999 with a small scale unit of HDPE/PP pipe fittings, we went on to manufacturing all type fittings and Valves as per ISO 9001:2008 by 2007. Later in 2010, we started the HDPE/PPR/PP/PPH/PVDF Pipe unit as per Indian Standards IS 4985:1995. Chamunda Plastic is now the largest manufacturer of "CPI" brand pipes, fittings and valves of all types. Our products are well accepted and appreciated in the Chemical Industries, Pharmaceuticals Industries, Irrigation, Agriculture and Project Consultancy across India and Abroad.

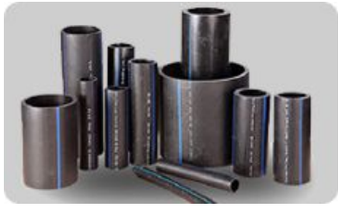
Chamunda Plastic Pvt. Ltd. ever since 1999 upholding its motto of Pioneering Innovation, High Quality Products along with High Efficiency Services and will continue to put its efforts in bringing the higher quality products to its customers.

We strongly believe in :

- *Reliable Quality and cost effectiveness is a roadway for us to be competitive.*
- *Focusing on Customer Success will create a Loyal customer base to grow our business.*
- *Continuous R&D for Innovative products coupled with high Efficiency is our strength for future.*

We Specialize in Manufacturing & Marketing the following Products:

Pipes



- HDPE Pipe
- PP Pipe
- PPR Pipe
- PVDF Pipe

Ball Valves

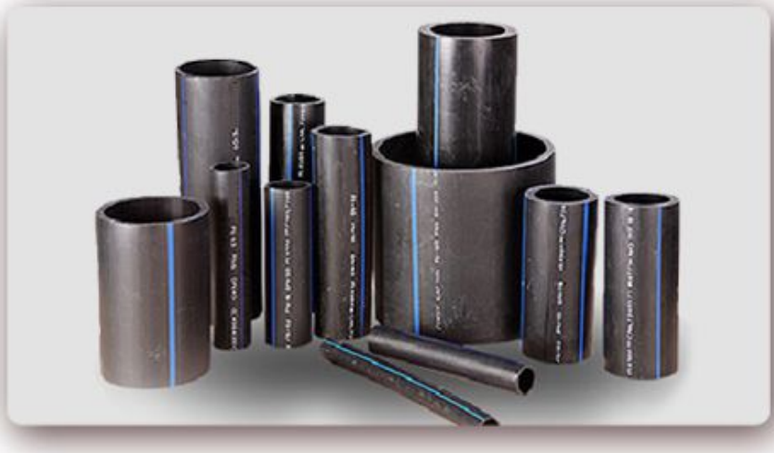
- Screw Ended Valve
- Ball Valve Flanged
- Foot Valve Flanged and Screwed
- Non Return Valve Flanged & Screwed
- Butterfly Valve
- Flow Indicator Valve
- PP Strainery Type Flanged

Butt Fusion Fittings

- Elbow/Tee/Tail Piece
- Longnech /Shortneck/End Cap
- Slipon Flange /Blind Flange
- Puddle Flange/Reduser
- Tee Socket Weld & Tee Threaded
- Weldneck Flange/Hose Nipple Flanged
- Threaded Flange and Pibebore Flange
- Elbow Socket Weld & Elbow Threaded
- Coupler Socket

Industrial Products

- Drain Trap/Spray Nozzle
- Tank Connector
- Hose Nipple Threaded
- Hex Nipple/Pole Rings
- Scoop/PP tray/Scrapper



Pipes

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- Drain Trap/Spray Nozzle
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Installation Method

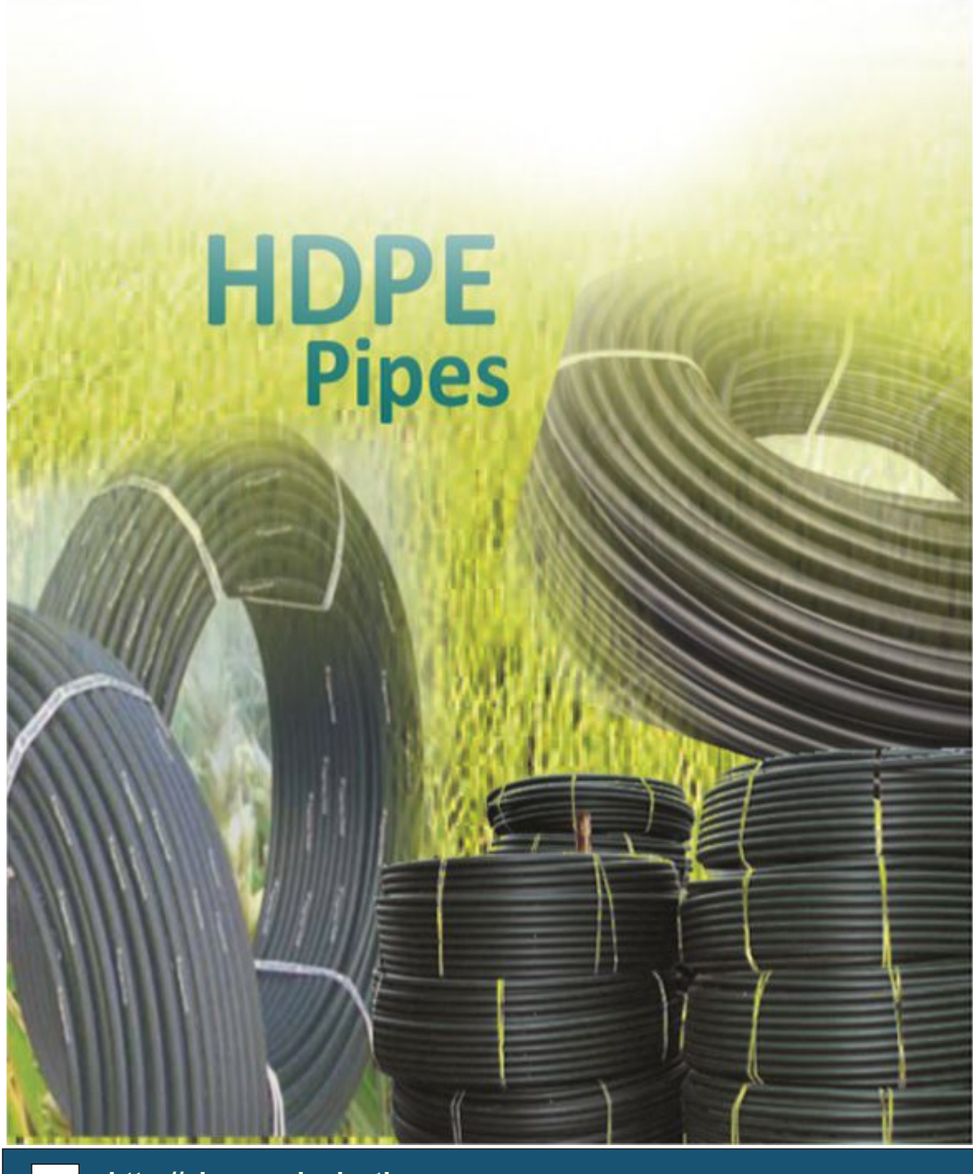
Polyethylene & polypropylene pipe or fittings are joined to each other by heat fusion or with the mechanical fittings. Plastics ay be joined to other materials by means of compression fittings, flanges or other qualified types of manufactured transition fittings. There are many types and styles of fittings available from which the user may chooose. Each offers it's particular advantages and limitations for each joining situation the user may encounter. contact with the various manufacturers is advisable for guidance in proper applications and styles available for joinin as describ in this document. There will be joining methods discussed in this document covering both large and small diameter pipe.

Application

- Water Treatment
- Food & Beverage
- Water and Gas Utilities
- Shipbuilding

Advantages

- Outstanding Flexibility
- High Impact Resistance even at very Low Temperatures
- Safe and Easy joining by welding
- Excellent cost-Performance ration



HDPE Material use and Characteristic

When compared to other plastics, PE shows excellent diffusion resistance, and because of this property, polyethylene has been successfully used for the safe conveyance of gases for many years. Polyethylene has good resistance to acids and caustic substances. Resistant to organic and inorganic solvents at a wide range of temperatures. It is not resistant to strong oxidizing acids.

- **Resistance to acids, caustic substances,organic and inorganic solvents**
- **Good material strength and fatigue resistance**
- **Operating temperature range -40 to 65 °C (-40 to 149 °F)**
- **Mechanical compression joint up to 125 mm (4.921 in) or Fusion Welded**

Butt Fusion

The principle of heat fusion is to heat two surfaces to a designated temperature, then fuse them together by application of a sufficient force. this force causes the melted materials to flow and mix, thereby resulting in fusion. When fused according to the pipe and/or fitting manufacturer's procedures, the joint area becomes as strong as or stronger than the pipe itself in both tensil and pressure properties. As soon as the joint cools to near ambient temperature, it is ready for handling.

The 6 steps involved in making a butt fusion joint are:

- **Securely fasten the componets to be joined**
- **Face the pipe ends**
- **Align the pipe profile**
- **Melt the pipe interfaces**
- **Join the two profiles together**
- **Hold under pressure**

Specification

Product Name	**CPI Brand HDPE Pipes**
Range	We offer a wide range HDPE Pipes as per the table below
Standards	As per Indian Standards IS 4984
Grade	Pe63, PE80 & Pe100
Color	Black with Blue Stripes
Where can be used	In a chemical, Pharmaceuticals, Fertilizer, Food & Dairy plant etc
Advantages	Outstanding flexibility, High impact resistance, Safe & easy joining by welding, excellent cost-Performance ratio

HIGH DENSITY POLYTHYLENE (HDPE)

The most widespread use of polythyne in pipeline construcion is for ground-layed gas and water pipes. But its benefits are also utilized in hoisehold technology and in industrial pipeline construction.

"CPI" Brand HDPE PIPES as per IS 4985:1995 Material Grade : PE-63 Note: All Dimension are in mm (± 2 mm)

SIZE	PN-2.5		PN-4		PN-6		PN-8		PN-10		PN-12.5	
	Min	Max	Min	Max	Min.	Max	Min.	Max	Min	Max	Min.	Max
20 mm									2.3	2.8	2.8	3.3
25 mm							2.3	2.8	2.8	3.3	3.4	4
32 mm					2.3	2.8	3	3.5	3.6	4.2	4.4	5.1
40 mm			2	2.4	2.8	3.3	3.7	4.3	4.5	5.2	5.5	6.3
50 mm			2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4	6.8	7.7
63 mm	2	2.4	3	3.5	4.4	5.1	5.8	6.6	7	7.9	8.6	9.7
75 mm	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5	10.2	11.5
90 mm	2.8	3.3	4.3	5	6.3	7.2	8.2	9.3	10	11.2	12.2	13.7
110 mm	3.4	4	5.3	6.1	7.7	8.7	10	11.2	12.3	13.8	14.9	16.6
125 mm	3.8	4.4	6	6.8	8.8	9.9	11.4	12.8	13.9	15.5	16.9	18.8
140 mm	4.3	5	6.7	7.6	9.8	11	12.8	14.3	15.6	17.4	19	21.1
160 mm	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8	21.7	24.1
180 mm	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20	22.2	24.4	27.1
200 mm	6.1	7	9.6	10.8	14	15.6	18.2	20.3	22.3	24.8	27.1	30.1
225 mm	6.9	7.8	10.8	12.1	15.7	17.5	20.5	22.8	25	27.7	30.5	33.8
250 mm	7.6	8.6	12	13.4	17.5	19.5	22.8	25.3	27.8	30.8	33.8	37.4
280 mm	8.5	9.6	13.4	15	19.6	21.8	25.5	28.3	31.2	34.6	37.9	41.9
315 mm	9.6	10.8	15	16.7	22	24.4	28.7	31.8	35	38.7	42.6	47.1
355 mm	10.8	12.1	17	18.9	24.8	27.5	32.3	35.8	39.5	43.7	48	53
400 mm	12.2	14.3	19.1	22.2	28	32.4	36.4	42.1	44.5	51.4	54.1	62.5
450 mm	13.7	16	21.5	25	31.4	36.4	41	47.4	50	57.7		
500 mm	15.2	17.7	23.9	27.7	34.9	40.4	45.5	52.6	55.6	64.2		
560 mm	17	19.8	26.7	31	39.1	45.2	51	58.9				
630 mm	19.1	22.2	30	34.7	44	50.8	57.3	66.1				
710 mm	21.6	25.1	33.9	39.2	49.6	57.3						
800 mm	24.3	28.2	38.1	44.1	55.9	64.5						
900 mm	27.3	31.6	42.9	49.6								
1000 mm	30.4	35.2	47.7	55.1								

"CPI" Brand HDPE PIPES as per IS 4985:1995 Material Grade : PE-80 Note: All Dimension are in mm (± 2 mm)

SIZE	PN-2.5		PN-4		PN-6		PN-8		PN-10		PN-12.5	
	Min	Max	Min	Max	Min.	Max	Min.	Max.	Min	Max	Min	Max
20 mm											2.3	2.8
25 mm									2.3	2.8	2.8	3.3
32 mm							2.4	2.9	3	3.5	3.6	4.2
40 mm					2.3	2.8	3	3.5	3.7	4.3	4.5	5.2
50 mm			2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3	5.6	6.4
63 mm			2.5	3	3.6	4.2	4.7	5.4	5.8	6.6	7	7.9
75 mm			2.9	3.4	4.3	5	5.6	6.4	6.9	7.8	8.4	9.5
90 mm	2.3	2.8	3.5	4.1	5.1	6.9	6.7	7.6	8.2	9.3	10	11.2
110 mm	2.7	3.2	4.3	5	6.3	7.2	8.2	9.3	10	11.2	12.3	13.8
125 mm	3.1	3.7	4.9	5.6	7.1	8.1	9.3	10.5	11.4	12.8	13.9	15.5
140 mm	3.5	4.1	5.4	6.2	8	9	10.4	11.7	12.8	14.3	15.6	17.4
160 mm	4	4.6	6.2	7.1	9.1	10.3	11.9	13.3	14.6	16.3	17.8	19.8
180 mm	4.4	5.1	7	7.8	10.2	11.5	13.4	15	16.4	18.3	20	22.2
200 mm	4.9	5.6	7.7	8.7	11.4	12.8	14.9	16.6	18.2	20.3	22.3	24.8
225 mm	5.5	6.3	8.7	9.8	12.8	14.3	16.7	18.6	20.5	22.8	25	27.7
250 mm	6.1	7	9.7	10.9	14.2	15.9	18.6	20.7	22.8	25.3	27.8	30.8
280 mm	6.9	7.8	10.8	12.1	15.9	17.7	20.8	23.1	25.5	28.3	31.2	34.6
315 mm	7.7	8.7	12.2	13.7	17.9	19.9	23.4	26	28.7	31.8	35	38.7
355 mm	8.7	9.8	13.7	15.3	20.1	22.4	26.3	29.2	32.3	35.8	39.5	43.7
400 mm	9.8	11.5	15.4	18	22.7	26.4	29.7	34.4	36.4	42.1	44.5	51.4
450 mm	11	12.9	17.4	20.3	25.5	29.6	33.4	38.7	41	47.4	50	57.7
500 mm	12.2	14.3	19.3	22.4	28.4	32.9	37.1	42.9	45.5	52.6	55.6	64.2
560 mm	13.7	16	21.6	25.1	31.7	36.7	41.5	48	51	58.9		
630 mm	15.4	18	24.3	28.2	35.7	41.3	46.7	54	57.3	66.1		
710 mm	17.4	20.3	27.4	31.8	40.2	46.5	52.6	60.7				
800 mm	19.6	22.8	30.8	35.7	45.3	52.3						
900 mm	22	25.5	34.7	40.2	51	58.9						
1000 mm	24.4	28.8	38.5	44.5	56.7	65.5						

"CPI" Brand HDPE PIPES as per IS 4985:1995 Material Grade : PE-100

SZE	PN-6		PN-8		PN-10		PN-12.5	
	Min.	Max.	Min.	Max.	Min	Max	Min.	Max
20 mm								
25 mm							2.3	2.8
32 mm					2.4	2.9	2.9	3.4
40 mm			2.4	2.9	3	3.5	3.7	4.3
50 mm	2.3	2.8	3	3.5	3.7	4.3	4.6	5.3
63 mm	2.9	3.4	3.8	4.4	4.7	5.4	5.7	6.5
75 mm	3.5	4.1	4.5	5.2	5.6	6.4	6.8	7.7
90 mm	4.1	4.8	5.4	6.2	6.7	7.6	8.2	9.3
110 mm	5	5.7	6.6	7.5	8.1	9.2	10	11.2
125 mm	5.7	6.5	7.5	8.5	9.2	10.4	11.3	12.7
140 mm	6.4	7.3	8.4	9.5	10.3	11.6	12.7	14.2
160 mm	7.3	8.3	9.6	10.8	11.8	13.2	14.5	16.2
180 mm	8.2	9.3	10.8	12.1	13.3	14.9	16.3	18.2
200 mm	9.1	10.3	12	13.4	14.8	16.5	18.1	20.2
225 mm	10.3	11.6	13.5	15.1	16.6	18.5	20.4	22.7
250 mm	11.4	12.8	15	16.7	18.4	20.5	22.6	25.1
280 mm	12.8	14.3	16.8	18.7	20.6	22.9	25.3	28.1
315 mm	14.4	16.1	18.9	21	23.2	25.8	28.5	31.6
355 mm	16.2	18.1	21.2	23.6	26.2	29.1	32.1	25.6
400 mm	18.2	21.2	23.9	27.7	29.5	34.2	36.2	41.9
450 mm	20.5	23.8	26.9	31.2	33.1	38.3	40.7	47.1
500 mm	22.8	26.5	29.9	34.6	36.8	42.6	45.2	52.2
560 mm	25.5	29.6	33.5	38.8	41.2	47.6	50.6	58.4
630 mm	28.7	33.3	37.7	43.6	46.4	53.6	56.9	65.7
710 mm	32.3	37.4	42.4	49	52.3	60.4		
800 mm	36.4	42.1	47.8	55.2	58.9	68		
900 mm	41	47.4	53.8	62.1				
1000 mm	45.5	52.6						

Installation Method

Polypropylene pipe or fittings are joined to each other by heat fusion or with mechanical fittings. Plastics may be joined to other materials by means of compression fittings, flanges, or other qualified types of manufactured transition fittings. There are many types and styles of fittings available from which the user may choose. Each offers it's particular advantages and limitations for each joining situation the user may encounter. Contact with the various manufacturers is advisable for guidance in proper applications and styles available for joining as described in this document. There will be joining methods discussed in this document covering both large and small diameter pipe.

Application

- Water Treatment
- Waste Treatment
- Di and Specified Water Applications
- Chemical process Industry

Advantages

- Good Corrosion-Resistance
- High Impact Strength
- Safe and Easy joining by welding
- Outstanding Weldability

PP Material use and Characteristic

Polypropylene is suitable for use with foodstuffs, portable and ultra pure waters, as well as within the pharmaceutical and chemical industries. Polypropylene is adversely affected by UV radiation and requires insulation or a protective coating if installed outside.

- **Environmental resistance to most organic and inorganic chemicals.**
- **Good material strength and fatigue resistance**
- **Operating temperature range -10 to 110°C (14 to 230°F)**
- **Fusion Welding**

POLY PROPYLENE (PP)

Polyethylene has become a key material for pipeline construction thanks to its mechanical properties,its chemical resistance and especially its resistance to theral distortion.

There are two types of heat fusion joints currently used in the industry.

Butt Fusion

The principle of heat fusion is to heat two surfaces to a designated temperature, then fuse them together by application of a sufficient force. this force causes the melted materials to flow and mix, thereby resulting in fusion. When fused accordingg to the pipe and/or fitting manufacturers' procedures, the joint area becomes as strong as or stronger than the pipe itself in both tensil and pressure properties. As soon as the joint cools to near ambient temperature, it is ready for handling.

The 6 steps involved in making a butt fusion joint are:

- Securely fasten the componets to be joined
- Face the pipe ends
- Align the pipe profile
- Melt the pipe interfaces
- Join the two profiles together
- Hold under pressure

Socket Fusion

This technique consists of simultaneously heating both the external surface of the pipe and the internal surface of the socket fitting until the material reaches fusion temperature; inspecting the melt pattern; inserting the pipe end into the socket; and holding it in place until the joint cools . Figure 6.4 illustrates a typical socket fusion joint. Mechanical equipment is available and should be used for sizes larger than 2-inch diameter to attain the increased force required and to assist in alignment.

Follow These general steps when performing socket fusion:

- Select the equipment
- square and prepare the pipe ends.
- Align the pipe profile
- Heat the parts
- Join the parts
- Allow to cool

Specification

Product Name: CPI brand PP Pipes

Range: We offer a wide range of pipes as per the table below

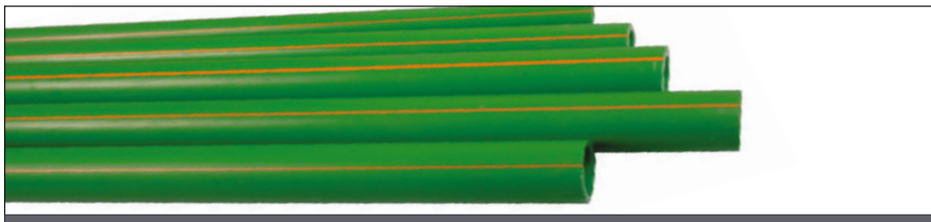
Color: Grey

Where can be used: In Water treatment, Waste treatment, Delonized Water, chemical Process Industry

Advantages: Good Corrosion resistance, High impact resistance, High thermal Ageing and Thermal forming resistance, excellent weldability

"CPI" Brand PP PIPES as per DIN : 8077

OD	2.5 Kg / cm2	4 kg / cm2	6 kg / cm2	10 kg / cm2
mm	Thickness	Thickness	Thickness	Thickness
20mm	-	-	-	1.9
25mm	-	-	-	2.5
32mm	-	-	1.8	3
40mm	-	-	2.3	3.7
50mm	-	2	2.9	4.6
63mm	-	2.5	3.6	5.8
75mm	-	3	4.3	6.9
90mm	2.3	3.6	5.1	8.2
110mm	2.7	4.3	6.3	10
125mm	3.1	4.8	7.1	11.4
140mm	3.5	5.4	8	12.7
160mm	4	6.2	9.1	14.6
180mm	4.4	7	10.2	16.4
200mm	4.9	7.7	11.4	18.2
225mm	5.5	8.6	12.8	20.5
250mm	6.2	9.6	14.2	22.7
280mm	6.9	10.7	15.9	25.4
315mm	7.7	12.1	17.9	28.6



Pipe

Coupler

Elbow 90°

Tee

Reducer

Core Flange-
Longneck Coller

Step Flange

Long Neck
With Flange

Application

- PPR water pipe network for Hot and Cold water installations for all type of buildings i.e residential buildings,hospitals,hotels,schools,ships etc
- Chilled water network in the Air conditioning systems, as its is an effective light weight and corrosion free substitute
- Pipe network for rainwater utilization systems
- Pipe network for compressed -air plants & solar plants
- Pipe network for swimming pools facilities.
- Pipe network in agricultur and hoticulture sectors and in irrigation systems
- Pipe network in factories,ie for transpot of aggressive fluids and liquid foods.
- Metric series sizes 20mm to 200mm suitable to use at temperatures up to and including 95°C.
- Pressure rating PN-10 to PN-20.
- Generally resistant to most acids, bases, salts, aliphatic solutions, oxidants, and halogens.

Dimension

"CPI" Brand PPR PIPES as per DIN : 8077

Nominal Diameter	SDR 11 PN 10		SDR 7.4 PN 16		SDR 6 PN 20	
DN	MIN	MAX	MIN	MAX	MIN	MAX
20 MM	1.9	2.3	2.8	3.3	3.4	4
25 MM	2.3	2.8	3.5	4.1	4.2	4.9
32 MM	2.9	3.4	4.4	5.1	5.4	6.2
40 MM	3.7	4.3	5.5	6.3	6.7	7.6
50 MM	4.6	5.3	6.9	7.8	8.3	9.4
63 MM	5.8	6.6	8.6	9.7	10.5	11.8
75 MM	6.8	7.7	10	11.6	12.5	14
90 MM	8.2	9.3	12.3	13.8	15	16.7
110 MM	10	11.2	15.1	16.9	18.3	20.4
125 MM	11.4	12.8	17.1	19.1	20.8	23.1
140 MM	12.7	14.2	19.2	21.4	23.3	25.9
160 MM	14.6	16.3	21.9	24.3	26.6	29.5

PP-R Introduction

PPR - a versatile and comprehensive system for water ans other fluid delivery, is used in applications of pressurized warm or cold water and industrial applications.

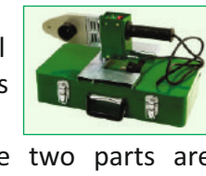
PP-R An Ideal Solution

PPR pipes and fittings are designed to withstand constant temperatures up to 70°C. The services life expectancy depends on the installed system pressure and pressure changes. Even though the service life expectancy of the pipes is more than 50 years, a permanent temperature rise from 70°C to 90°C will accordingly reduce the operational life of the pipe. However, a temperature rise up to 100°C in short time frames is usually unproblematic.

Installation Technical Precautions

• When tempreture drops under 0°C in winter, precaution must taken tom prevent possible cracking of pipes if th epipes are hit by externalforce.
• The pipe shall be away from heat when stored for long time, direct sunshine shall be avoided during product transportation or storage.
• PP-R Pipe has big expansion co-efficient, technical measures must be taken to prevent the thermal deformation of the pipes during the exposed or covered pipe layout.
• One support or hanger (pipe buckle seat) must be installed every 400mm in exposed layout or non-linear covered layout.
• During installation, relevant design & installation codes must be followed, the construction workers must be trained and carry their certification badges at work.

Fusing Tool



The pipes and fittings in type three PP-RC piping systems are connected through thermal fuse plugging. The thermal fusing tools are applied to melt the inner and outer surfaces of the fittings and pipes simultaneously and plug connect them under specified temperature and conditions. the two parts are integrated uniformly and firmly when cooled. the connection provides good sealing, high reliability and avoids any leakage. see the table for fusing connection technical requirements.

Size		Flange			BS 10 table 'd'			BS 10 table 'F'			Ansi b 16-5 asa150			din pn-10		
INCH	MM	OD	ID	THIKN	PCD	DIA OF HOLE	NO OF HOLE	PCD	DIA OF HOLE	NO OF HOLE	PCD	DIA OF HOLE	NO OF HOLE	PCD	DIA OF HOLE	NO OF HOLE
1/2"	20MM	95	25	15	67	14	4	67	14	4	60	14	4	65	14	4
3/4"	25MM	102	31	16	73	14	4	73	14	4	70	14	4	75	14	4
1"	32MM	120	38	19	83	14	4	87	14	4	79	14	4	85	14	4
1 1/4"	40MM	130	48	19	87	14	4	98	14	4	89	14	4	100	14	4
1 1/2"	50MM	140	58	20	98	15	4	105	15	4	98	15	4	110	15	4
2"	63MM	163	71	20	114	17	4	127	17	4	120	17	4	125	17	4
2 1/2"	75MM	181	84	22	127	17	4	145	17	4	140	17	4	145	17	4
3"	90MM	200	98	22.5	146	17	4	165	17	8	152	17	4	160	17	4
4"	110MM	225	118	23	178	17	4	191	17	8	191	17	8	180	17	4
4 1/2"	125MM	255	136	26	210	18	8	210	18	8	216	17	8	210	18	8
5"	140MM	255	149	26	210	18	8	235	18	8	216	17	8	210	18	8
6"	160MM	300	169	26	235	18	8	260	18	12	241	18	8	240	18	8
7"	180MM	336	190	26	260	18	8	292	18	12	298	18	8	-	-	-
8"	200MM	356	210	27.5	292	18	8	324	18	12	298	18	8	295	18	8
9"	225MM	356	235	27.5	292	18	8	324	18	12	298	18	8	295	18	8
10"	250MM	414	260	31	356	20	12	381	20	12	362	20	12	350	20	12
11"	280MM	415	295	31	356	22	12	381	22	12	431	22	12	-	-	-
12"	315MM	485	330	31	406	22	12	438	22	12	432	22	12	400	22	12
14"	355MM	552	370	32	470	22	12	495	25	16	476	25	12	460	25	16
16"	400MM	610	415	35	521	24	12	552	25	20	540	25	12	515	25	16
18"	450MM	660	465	35	584	24	12	610	25	20	578	28	16	565	25	16
20"	500MM	725	515	35	641	24	16	673	25	20	635	30	16	620	25	16
22"	560MM	775	575	35	755	28	16	724	28	24	692	32	20	-	-	-
24"	630MM	850	545	35	756	28	16	781	28	24	749	32	20	725	28	16

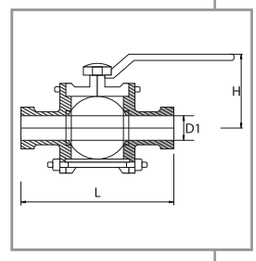
PP/ HDPE / PVDF / PPH / PPR

- Fittings available on request
- All pipe fittings as per is 8008-76
- Maximum working pressure 10kg/cm square
- Also available PN 12 & 12.5 & PN 16 pipe fittings on request & confiramation
- Final technical & dimension detail confirm as & when required

SCREW ENDED VALVE

AVAILABLE M.O.C. :

PP *(POLYPROPYLENE)*
PPH / PVDF



- All Dimension are in ± 2 mm
- Maximum Working Pressure 10kg
- Hydraulic Test Pressure
- Body - 150 PSI, Seat - 100 PSI
- Working Temp. up to 95°c

DIMENSION TABLE

SIZE IN.	SIZE MM	D1	L	H
½"	15	47	136	78
¾"	20	37	124	77
1"	25	47	135	120
1 ½"	40	69	176	119
2"	50	83	204	168
2 ½"	65	95	234	170
3"	80	111	255	176
4"	100	139	272	206

BILL OF MATERIAL

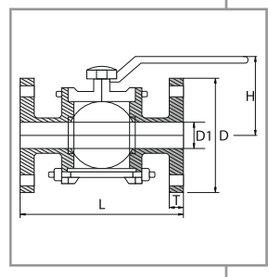
No.	Discription	Materail	Qty.
1	Body	P.P. / H.D.P.E.	01
2	Side Piece / connector	P.P. / H.D.P.E.	02
3	Ball	P.P. / H.D.P.E.	01
4	Stem / Spindle	M.S. PP Coated	01
5	Seat Ring	PTFE	02
6	Connector Seal	Neo Prime PTFE	02
7	Steam Seal Ring	Neo Prime PTFE	01
8	Stem O-ring	Neo Prime	01
9	Stud., Nut & Washer	MS (EN 8)	Req.
10	Nut Cap	P.P. / H.D.P.E.	Req.
11	Handle	M.S.PP Coated	01
12	Handle Hex. Pin	MS (EN 8)	01
13	Handle Cap	P.P. / H.D.P.E.	01

All Dimension are in (± 2 mm)

BALL VALVE FLANGED

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF



- All Dimension are in ± 2 mm
- Maximum Working Pressure 10kg/cm²
- Hydraulic Test Pressure
- Body - 200 PSI, Deat - 150 PSI
- Working Temp. up to 95°c
- Table D/E/F/ASA 150 # DIN etc.

DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	L	T	H
½"	15	100	15	133	17	71
¾"	20	101	20	144	17	80
1"	25	121	25	162	21	84
1¼"	32	129	32	181	21	100
1 ½"	40	140	40	183	16	106
2"	50	164	50	209	18	115
2 ½"	65	178	65	226	19	140
3"	80	199	80	256	25	150
4"	100	224	100	298	23	180
6"	150	300	150	430	32	242
8"	200	360	200	550	31	280
10"	250	425	250	570	36	325
12"	315	487	300	590	23	309

All Dimension are in (± 2 mm)

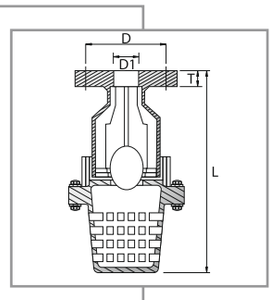
BILL OF MATERIAL

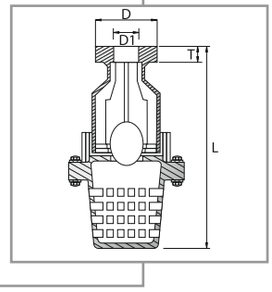
No.	Discription	Materail	Qty.
1	Body	P.P. / H.D.P.E.	01
2	Side Piece / connector	P.P. / H.D.P.E.	02
3	Ball	P.P. / H.D.P.E.	01
4	Stem / Spindle	M.S. PP Coated	01
5	Seat Ring	PTFE	02
6	Connector Seal	Neo Prime PTFE	02
7	Steam Seal Ring	Neo Prime PTFE	01
8	Stem O-ring	Neo Prime	01
9	Stud., Nut & Washer	MS (EN 8)	Req.
10	Nut Cap	P.P. / H.D.P.E.	Req.
11	Handle	M.S.PP Coated	01
12	Handle Hex. Pin	MS (EN 8)	01
13	Handle Cap	P.P. / H.D.P.E.	01

FOOT VALVE FLANGED & SCREWED

AVAILABLE M.O.C. :

PP *(POLYPROPYLENE)*
PPH / PVDF





DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	L	T
1"	25	121	25	196	21
1 ½"	40	140	40	218	22
2"	50	166	50	218	24
2 ½"	65	183	65	311	28
3"	80	200	80	311	29
4"	100	228	100	377	31
6"	150	301	150	445	32
8"	200	364	200	550	33
10"	250	420	200	550	33
12"	315	485	200	550	33

All Dimension are in (± 2 mm)

BILL OF MATERIAL

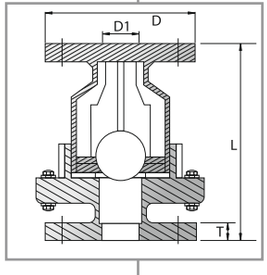
No.	Discription	Materail	Qty.
1	Top Body	P.P. / ISO PP	01
2	Bottom Body	P.P. / ISO PP	01
3	Ball	P.P. / ISO PP	01
4	Ball Ring	P.P. / ISO PP	01
5	Seat Ring	Neo Prene Rubber	01
6	Stud., Nut & Washer	S.S. 316	-

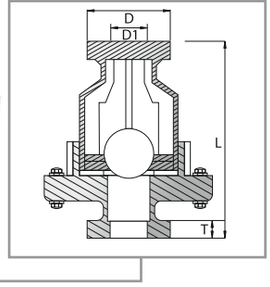
- All Dimension are in ± 2 mm
- Maximum Working Pressure 10kg/cm^2
- Hydraulic Test Pressure
- Body 15 kg / cm^2

NON RETURN VALVE FLANGED & SCREWED

AVAILABLE M.O.C. :

PP *(POLYPROPYLENE)*
PPH / PVDF





DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	L	T
1"	25	121	25	155	21
1 ½"	40	139	40	165	21
2"	50	164	50	177	22
2 ½"	65	183	65	260	25
3"	80	199	80	265	28
4"	100	228	100	335	29
6"	150	301	150	379	34
8"	200	371	200	484	33
10"	250	420	200	484	33
12"	312	485	200	484	33

All Dimension are in (± 2 mm)

BILL OF MATERIAL

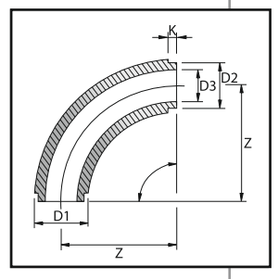
No.	Discription	Materail	Qty.
1	Top Body	P.P. / ISO PP	01
2	Bottom Body	P.P. / ISO PP	01
3	Ball	P.P. / ISO PP	01
4	Ball Ring	P.P. / ISO PP	01
5	Seat Ring	Neo Prene Rubber	01
6	Stud., Nut & Washer	S.S. 316	

- All Dimension are in ± 2 mm
- Maximum Working Pressure 10kg/cm^2
- Hydraulic Test Pressure
- Body 15 kg / cm^2

ELBOW (BEND)

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF



DIMENSION TABLE

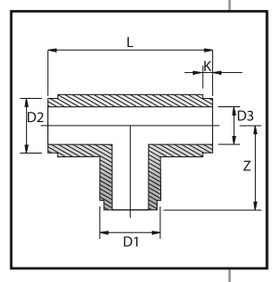
SIZE IN.	SIZE MM	D1	D2	D3	Z	K
½ "	20	24	20	15	35	4
¾ "	25	28	25	19	39	5
1"	32	35	32	24	48	7
1¼"	40	44	40	29	64	7
1½"	50	53	50	37	69	9
2"	63	66	63	48	70	11
2½"	75	79	75	59	85	13
3"	90	93	90	72	110	12
4"	110	113	110	84	127	13
5"	125	128	125	100	152	16
5 ¼"	140	142	140	110	164	16
6"	160	163	160	132	225	17
7"	180	186	180	181	223	18
8"	200	207	202	170	284	18
9"	225	235	225	195	304	20
10"	250	254	250	205	392	21
11"	280	293	280	249	397	21
12"	315	320	315	266	368	22

All Dimension are in (± 2 mm)

TEE

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF



DIMENSION TABLE

SIZE IN.	SIZE MM	D1	D2	D3	L	K	Z
½"	20	25	20	15	50	5	24
¾"	25	28	25	20	55	6	29
1"	32	35	32	25	74	5	38
1 ¼"	40	49	40	32	88	7	41
1 ½"	50	52	50	35	95	9	49
2"	63	66	63	48	109	9	54
2 ½"	75	79	75	59	162	11	85
3"	90	94	90	70	180	14	90
4"	110	114	110	87	222	16	109
5"	125	126	125	98	225	16	114
5 ¼"	140	143	140	110	251	13	126
6"	160	163	160	128	343	19	175
7"	180	183	180	150	385	18	189
8"	200	205	200	168	425	20	202
9"	225	227	225	188	468	18	231
10"	250	253	250	208	535	22	267
11"	280	293	280	254	590	20	299
12"	315	324	315	267	658	20	320

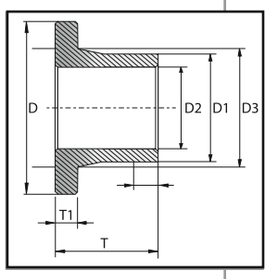
All Dimension are in (± 2 mm)

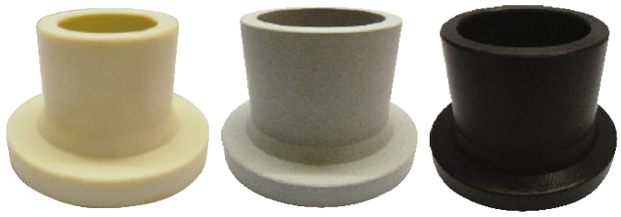
LONGNECK

STUBEND LONGNECK / PIPE END COLLER

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF





DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	D2	D3	T	T1
½"	20	50	20	14	25	34	10
¾"	25	56	25	18	29	36	10
1"	32	64	32	23	37	46	13
1 ¼"	40	71	40	30	45	47	11
1 ½"	50	80	50	37	57	47	13
2"	63	94	63	45	68	48	14
2 ½"	75	106	75	52	82	50	12
3"	90	126	90	71	97	83	16
4"	110	154	110	85	117	79	18
5"	125	180	125	94	133	76	18
5 ¼"	140	183	140	104	147	75	17
6"	160	211	160	128	168	80	25
7"	180	234	180	144	187	77	24
8"	200	243	200	164	208	83	31
9"	225	265	225	181	232	81	27
10"	250	300	250	206	258	79	28
11"	280	311	280	227	288	79	26
12"	315	367	315	266	329	95	27
14"	355	416	355	294	368	104	35
16"	400	468	400	324	407	107	31
18"	450	523	450	379	461	105	39
20"	500	585	500	428	511	107	41
22"	560	653	560	495	573	118	45
24"	630	706	630	545	642	118	42

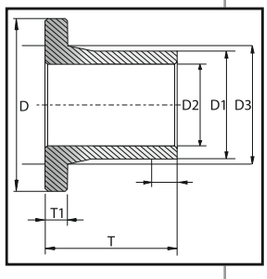
All Dimension are in (± 2 mm)

TAIL PIECE

NOZZLE

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF



DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	D2	D3	T1	T
1"	32	66	32	22	37	14	180
1 ¼"	40	73	40	30	47	15	184
1 ½"	50	78	50	38	57	18	176
2"	63	75	63	46	69	17	181
2 ½"	75	103	75	54	82	19	175
3"	90	126	90	67	95	17	169
4"	110	154	110	81	117	20	169
5"	125	212	160	127	163	24	174

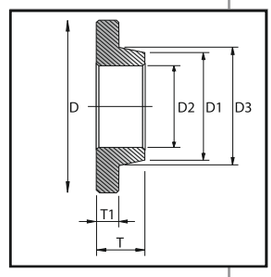
All Dimension are in (± 2 mm)

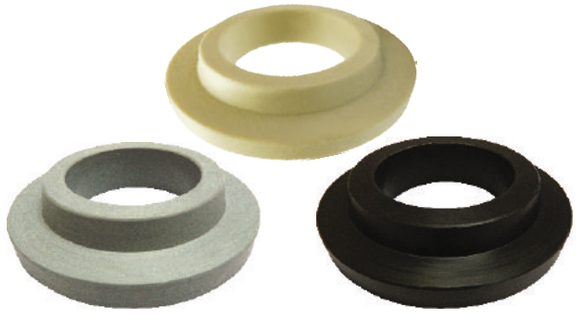
SHORTNACK

STUBEND SHORTNECK / PIPE END COLLER

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF





DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	D2	D3	T1	T
½"	20	48	20	22	24	10	16
¾"	25	55	25	17	29	10	16
1"	32	63	32	21	36	13	23
1 ¼"	40	70	40	30	45	11	21
1 ½"	50	80	50	37	56	13	24
2"	63	94	63	45	69	13	24
2 ½"	75	106	75	53	81	13	25
3"	90	126	90	53	96	13	25
4"	110	155	110	86	116	18	33
5"	125	179	125	92	131	18	36
5 ¼"	140	185	140	104	145	17	32
6"	160	210	160	120	168	20	38
7"	180	235	180	142	188	25	47
8"	200	240	200	159	206	26	51
9"	225	266	225	180	232	26	51
10"	250	301	250	204	257	24	46
11"	280	312	280	216	288	24	49
12"	315	363	315	266	329	27	51
14"	355	416	355	290	363	34	62
16"	400	468	400	337	411	36	75
18"	450	522	450	379	461	39	65
20"	500	585	500	428	511	40	65
22"	560	653	560	495	573	45	80
24"	630	706	630	545	642	42	80

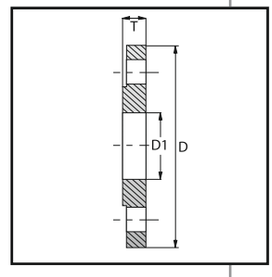
All Dimension are in (± 2 mm)

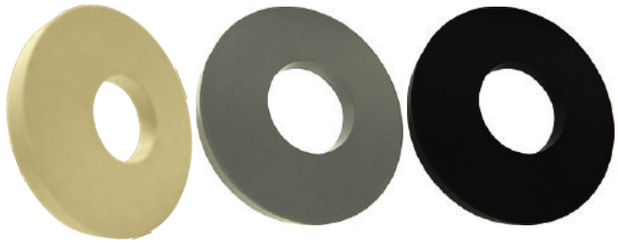
SLIPON FLANGE

LOOSE FLANGE

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF





DIMENSION TABLE

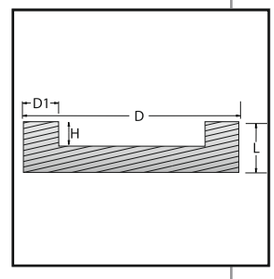
SIZE IN.	SIZE MM	D	D1	T
½"	20	92	27	14
¾"	25	105	32	16
1"	32	122	38	18
1 ¼"	40	129	48	18
1 ½"	50	141	58	20
2"	63	167	71	20
2 ½"	75	184	83	20
3"	90	201	98	22
4"	110	226	118	22
5"	125	257	136	23
5 ¼"	140	258	149	23
6"	160	306	171	25
7"	180	306	187	25
8"	200	356	209	25
9"	225	355	233	27
10"	250	415	260	29
11"	280	415	290	29
12"	315	480	330	30
14"	355	546	375	35
16"	400	595	415	35
18"	450	667	465	35
20"	500	725	518	35
22"	560	770	573	35
24"	630	850	650	35

All Dimension are in (± 2 mm)

END CAP

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF



DIMENSION TABLE

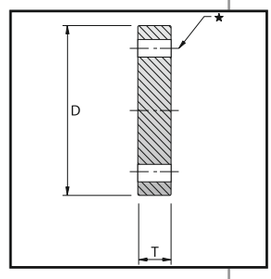
SIZE IN.	SIZE MM	D	D1	H	L
½"	20	20	15	15	20
¾"	25	25	20	15	20
1"	32	32	25	17	22
1 ¼"	40	40	32	13	20
1 ½"	50	50	39	18	25
2"	63	63	49	16	26
2 ½"	75	75	61	21	27
3"	90	90	70	18	28
4"	110	110	85	23	30
5"	125	125	101	18	30
5 ¼"	140	140	112	18	26
6"	160	160	128	12	22
7"	180	180	128	12	22
8"	200	200	157	14	29
9"	225	225	170	15	30
10"	250	250	201	30	45
11"	280	280	227	35	55
12"	315	315	258	44	62
14"	355	355	298	41	69
16"	400	400	334	47	68

All Dimension are in (± 2 mm)

BLIND FLANGE

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF



DIMENSION TABLE

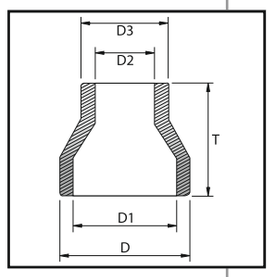
SIZE IN.	SIZE MM	D	T
½"	20	93	14
¾"	25	105	16
1"	32	121	18
1 ¼"	40	131	18
1 ½"	50	141	20
2"	63	164	20
2 ½"	75	183	20
3"	90	199	22
4"	110	227	22
5"	125	261	23
5 ¼"	140	261	23
6"	160	303	25
7"	180	303	25
8"	200	355	25
9"	225	355	27
10"	250	425	29
11"	280	425	29
12"	315	480	28
14"	355	545	32
16"	400	595	35
18"	450	660	35
20"	500	725	35
22"	560	775	33
24"	630	850	35

All Dimension are in (± 2 mm)

REDUSER

AVAILABLE M.O.C. :

HDPE *(HIGH DENSITY POLYETHYLENE)*
PP *(POLYPROPYLENE)*
PPH / PVDF



DIMENSION TABLE

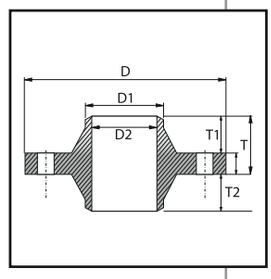
SIZE IN.	SIZE MM	D	D1	D2	D3	T
¾" X ½"	25 X 20	25	20	13	20	53
1" X ½"	32 X 20	32	25	13	20	54
1" X ¾"	32 X 25	32	24	17	25	54
1 ¼" X ½"	40 X 20	40	31	13	20	53
1 ¼" X ¾"	40 X 25	40	31	17	25	53
1 ¼" X 1"	40 X 32	40	32	25	32	55
1 ½" X ½"	50 X 20	50	39	13	20	55
1 ½" X ¾"	50 X 25	50	38	18	25	54
1 ½" X 1"	50 X 32	50	39	25	32	53
1 ½" X 1 ¼"	50 X 40	50	39	30	40	53
2" X ½"	63 X 20	63	45	13	20	78
2" X ¾"	63 X 25	63	44	17	25	76
2" X 1"	63 X 32	63	45	24	32	76
2" X 1 ¼"	63 X 40	63	45	28	40	75
2" X 1 ½"	63 X 50	63	45	41	50	73
2 ½" X 1"	75 X 32	75	56	22	32	75
2 ½" X 1 ¼"	75 X 40	75	57	30	40	77
2 ½" X 1 ½"	75 X 50	75	57	35	50	77
2 ½" X 2"	75 X 63	75	57	45	63	76
3" X 1"	90 X 32	90	67	24	32	79
3" X 1 ¼"	90 X 40	90	66	30	40	79
3" X 1 ½"	90 X 50	90	66	37	50	77
3" X 2"	90 X 63	90	67	45	63	77
3" X 2 ½"	90 X 75	90	67	54	75	75
4" X 1"	110 X 32	110	85	23	32	100
4" X 1 ¼"	110 X 40	110	85	31	40	102
4" X 1 ½"	110 X 50	110	85	38	50	102
4" X 2"	110 X 63	110	86	44	63	100
4" X 2 ½"	110 X 75	110	86	55	75	99
4" X 3"	110 X 90	110	86	66	90	100
5" X 1 ½"	125 X 50	125	100	37	50	127
5" X 2"	125 X 63	125	99	43	63	124
5" X 2 ½"	125 X 75	125	102	57	75	128
5" X 3"	125 X 90	125	100	66	90	124
5" X 4"	125 X 110	125	102	85	110	129
5 ½" X 1 ½"	140 X 50	140	100	36	50	129
5 ½" X 2"	140 X 63	140	100	43	63	129
5 ½" X 2 ½"	140 X 75	140	100	58	75	128
5 ½" X 3"	140 X 90	140	100	66	90	126
5 ½" X 4"	140 X 110	140	100	84	110	125
6" X 1"	160 X 32	160	127	22	32	146
6" X 1 ½"	160 X 40	160	127	28	40	145
6" X 1 ½"	160 X 50	160	128	36	50	145
6" X 2"	160 X 63	160	164	44	63	144
6" X 2 ½"	160 X 75	160	128	55	75	145
6" X 3"	160 X 90	160	129	66	90	142
6" X 4"	160 X 110	160	128	82	110	144
6" X 5"	160 X 125	160	131	92	125	145
6" X 5 ¼"	160 X 140	160	130	100	140	145
7" X 3"	180 X 90	180	140	68	90	145
7" X 4"	180 X 110	180	141	88	110	143
7" X 6"	180 X 160	180	141	128	160	142
8" X 2"	200 X 63	200	164	44	63	146
8" X 3"	200 X 90	200	161	663	90	146
8" X 4"	200 X 110	200	161	81	110	147
8" X 5"	200 X 125	200	163	93	125	147
8" X 5 ¼"	200 X 140	200	164	103	140	147
8" X 6"	200 X 160	200	163	123	160	149
9" X 3"	225 X 90	225	181	62	90	190
9" X 4"	225 X 110	225	180	84	110	195
9" X 5"	225 X 125	225	183	93	125	195
9" X 5 ¼"	225 X 140	225	182	102	140	195
9" X 6"	225 X 160	225	184	125	160	195
9" X 8"	225 X 200	225	185	160	200	194
10" X 3"	250 X 90	250	200	625	90	195
10" X 4"	250 X 110	250	200	81	110	197
10" X 5"	250 X 125	250	202	95	125	192
10" X 5 ¼"	250 X 140	250	199	103	140	192
10" X 6"	250 X 160	250	197	125	160	192
10" X 8"	250 X 200	250	201	162	200	190
11" X 6"	280 X 160	280	240	126	160	155
11" X 8"	280 X 200	280	241	158	200	155
11" X 9"	280 X 225	280	241	176	225	154
11" X 10"	280 X 250	280	241	202	250	152
12" X 4"	315 X 110	315	263	82	110	197
12" X 6"	315 X 160	315	261	126	160	196
12" X 8"	315 X 200	315	262	166	200	196
12" X 9"	315 X 225	315	263	183	225	196
12" X 10"	315 X 250	315	264	202	250	195
12" X 11"	315 X 280	315	264	212	280	196
14" X 6"	355 X 160	355	304	137	160	203
14" X 8"	355 X 200	355	298	159	200	200
14" X 9"	355 X 225	355	302	181	225	201
14" X 10"	355 X 250	355	330	200	250	203
16" X 6"	400 X 160	400	325	125	160	200
16" X 8"	400 X 200	400	330	159	200	202
16" X 9"	400 X 225	400	330	180	225	205
16" X 10"	400 X 250	400	330	198	250	205

All Dimension are in (± 2 mm)

PUDDLE FLANGE

AVAILABLE M.O.C. :

PP *(POLYPROPYLENE)*



DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	D2	T	T1	T2
2 ½"	75	177	75	61	48	15	15
3"	90	185	90	72	44	14	14
4"	110	216	110	90	53	16	16.5
5"	125	255	125	103	42	11	11
5 ¼"	140	255	140	116	42	11	11
6"	160	280	160	131	48	15	15
7"	180	280	180	150	48	15	15
8"	200	330	200	162	52	15	15
9"	225	330	225	179	52	15	15
10"	250	405	250	214	54	15	15
12"	315	475	315	266	48	15	15

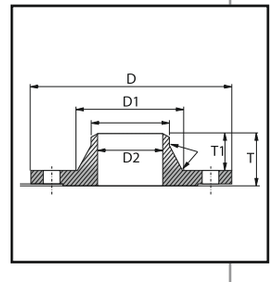
All Dimension are in (± 2 mm)

WELDNECK FLANGE

AVAILABLE M.O.C. :

PP *(POLYPROPYLENE)*

HDPE *(HIGH DENSITY POLYETHYLENE)*



DIMENSION TABLE

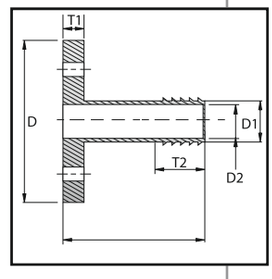
SIZE IN.	SIZE MM	D	D1	D2	T	T1
2½"	75	177	75	61	33	15
3"	90	185	90	72	30	14
4"	110	216	110	90	36.5	16
5"	125	255	125	103	31	11
5¼"	140	255	140	116	31	11
6"	160	280	160	131	33	15
7"	180	280	180	150	33	15
8"	200	330	200	162	37	15
9"	225	330	225	179	37	15
10"	250	405	250	214	39	15
12"	315	475	315	266	33	115

All Dimension are in (± 2 mm)

HOSE NIPPLE FLANGED

AVAILABLE M.O.C. :

PP *(POLYPROPYLENE)*



DIMENSION TABLE

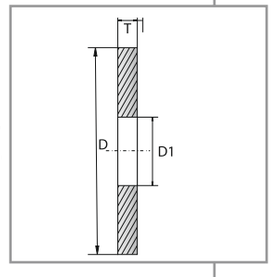
SIZE IN.	D	D1	D2	T	T1	T2
1" X ¾"	130	20	14	123	21	47
1" X 1"	130	25	21	124	20	42
1 ½" X 1"	139	25	19	121	20	49
1 ½" X 1 ¼"	163	32	25	122	21	47
1 ½" X 1½"	140	40	32	119	20	48
2" X 1"	165	25	19	123	22	46
2" X 1 ¼"	165	32	24	123	21	48
2" X 1 ½"	164	40	30	124	20	47
2" X 2"	165	50	40	122	22	46
3" X 1"	201	25	17	146	24	59
3" X 1 ¼"	202	32	23	145	24	58
3" X 1 ½"	201	40	29	148	26	57
3" X 2"	202	50	41	146	24	60
3" X 2 ½"	202	65	50	144	24	57
3" X 3"	201	80	56	139	19	54
4" X 1"	224	25	17	149	23	63
4" X 1 ¼"	216	32	23	142	17	56
4" X 1 ½"	222	40	28	147	22	62
4" X 2"	222	50	40	149	24	63
4" X 2 ½"	222	65	50	148	22	62
4" X 3"	224	80	61	149	24	65
4" X 4"	223	100	85	147	22	63

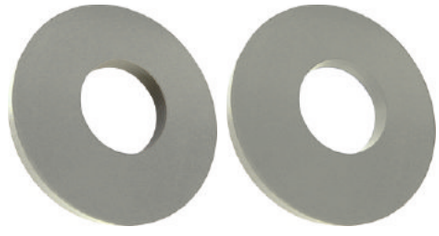
All Dimension are in (± 2 mm)

THREADED FLANGE & PIPEBORE FLANGE OR NB FLANGE

AVAILABLE M.O.C. :

PP / PPH / HDPE / PVDF





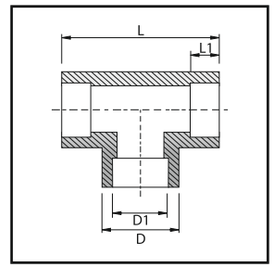
DIMENSION TABLE

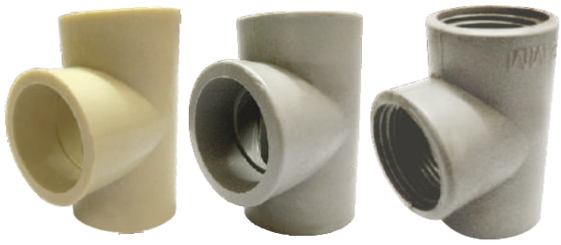
SIZE IN.	SIZE MM	D	D1	T
½"	20	95	20	14
¾"	25	105	25	16
1"	32	120	32	16
1¼"	40	130	40	16
1½"	50	140	50	20
2"	63	164	63	20
2½"	75	183	75	20
3"	90	200	90	22
4"	110	225	110	22
5"	125	261	160	23
5¼"	140	261	140	23
6"	160	303	160	25
7"	180	303	180	25
8"	200	355	200	25
9"	225	355	255	27
10"	250	425	250	29
11"	280	425	280	29
12"	315	480	315	30
14"	355	545	355	35
16"	400	595	400	35
18"	450	660	450	35
20"	500	725	500	35
22"	560	775	560	33
24"	630	850	630	35

All Dimension are in (± 2 mm)

TEE SOCKET WELD & TEE THREADED

AVAILABLE M.O.C. :
PP / PPH / HDPE / PVDF





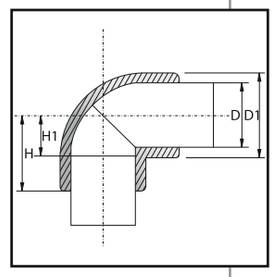
DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	L	L1
½"	20	27	20	55	16
¾"	25	33	25	62	17
1"	32	42	32	74	20
1 ¼"	40	50	40	88	21
1 ½"	50	65	51	105	24
2"	63	75	63	120	28
2 ½"	75	88	76	156	40
3"	90	103	91	190	45
4"	110	126	111	211	46
6"	160	187	162	318	63

All Dimension are in (± 2 mm)

ELBOW SOCKET WELD & ELBOW THREADED

AVAILABLE M.O.C. :
PP / PPH / HDPE / PVDF

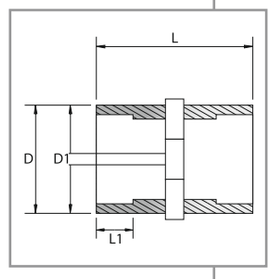


DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	H	H1
½"	20	20	26	27	15
¾"	25	25	33	31	17
1"	32	32	43	37	18
1 ¼"	40	40	51	41	20
1 ½"	50	50	64	64	23
2"	63	63	76	77	26
2 ½"	75	75	92	93	38
3"	90	90	107	108	32
4"	110	110	130	130	44
6"	160	160	186	186	63

All Dimension are in (± 2 mm)

COUPLER SOCKET & THREADED



AVAILABLE M.O.C. :

PP *(POLYPROPYLENE)*
PPH *(POLYPROPYLENE)*

DIMENSION TABLE

SIZE IN.	SIZE MM	D	D1	L	L1
½"	20	26	20	46	20
¾"	25	33	25	49	21
1"	32	40	32	66	24
1 ¼"	40	49	40	70	29
1 ½"	50	59	50	73	25
2"	63	74	63	74	26
2 ½"	75	87	75	79	30
3"	90	109	90	87	33
4"	110	129	110	95	36
6"	160	189	160	149	63

All Dimension are in (± 2 mm)

IMPELLER

AVAILABLE M.O.C. :

PP *(POLYPROPYLENE)*
Size 12" and 18"
Suitable for threaded joint

DRAIN TRAP

AVAILABLE M.O.C. :

HDPE (HIGH DENSITY POLYETHYLENE)
Use in pharmaceutical

SPRAY NOZZLE

AVAILABLE M.O.C. :
PP *(POLYPROPYLENE)*
Size 3″ X 5″
5″ x 6″

POLE RINGS (Tower packing)

AVAILABLE M.O.C. :
PPH / PVDF
Size 1″, 1½″, 2″,3″

TANK CONNECTOR

AVAILABLE M.O.C. :
PP *(POLYPROPYLENE)*
Size ½″ to 2″
Suitable for threaded joint

SCOOP

AVAILABLE M.O.C. :
PP *(POLYPROPYLENE)*

HOSE NIPPLE THREADED

AVAILABLE M.O.C. :
PP *(POLYPROPYLENE)*
Size ½″ to 2″
Suitable for threaded joint

PP TRAY

AVAILABLE M.O.C. :
PPCP Natural
Size: 32" x 16" x 1¼"

HEX NIPPLE

AVAILABLE M.O.C. :
PP *(POLYPROPYLENE)*
Size ½″ to 3″

SCRAPER

AVAILABLE M.O.C. :
PP *(POLYPROPYLENE)*
Size 3″ X 5″ &
5″ X 6″

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