QUALITY | RELIABILITY | PERFECTION

THE COMPLETE PIPING SOLUTION

PIPES | VALVES | FITTINGS | ACCESSORIES

PRODUCT CATALOGUE

An ISO 9001:2008 Company
Aerochem Piping Pvt. Ltd.

An ISO 9001:2008 Company
PARTH POLY VALVES PVT. LTD.

QUALITY POLICY

We, at General quality policy AERO & PARTH, commit ourselves to provide our customers with products and services that leads to Total Customer Satisfaction in terms of quality, cost, delivery and after sales services. To achieve this, the company shall ensure,

- Effective deployment of Man, Money, Machine, Method, Material (5M).
- Being right at the first time, every time.
- Continuous Improvement of the skill sets of the employees so that they make a positive contribution to the organizational goals.
- Creation of a sense of partnership with suppliers and other business associates so that they add positively and continually to the process of quality improvement.
- Improvement of processes in different aspects of the organizational functioning, thereby giving the customers quality products at lower cost.
- Deployment of environmental friendly procedures, thereby maintaining the ecological balance.

Ketan Parsaniya
Managing Director

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ABOUT US

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PARTH POLY VALVES PVT. LTD.

PARTH POLY VALVES PVT. LTD. an ISO 9001: 2008 company, has been in operation since 1991 manufacturing products like Polypropylene, High Density Polyethylene and Polyvinalidene Fluoride Valves, Flow Indicators, Y-Type Strainers, Pipe Fittings and a host of other accessories.

The company is also involved in manufacturing of specially engineered products like Trays used in Dryers, Scrappers, Shovels, Spades, Scoops that could be employed by the chemical process industry to handle corrosive material.

INFRASTRUCTURE :

The company has a manufacturing plant at Ahmedabad located in the western industrial zone in India. the company has a capacity to produce 2,00,000 valves and 9 million fittings per annum of different types. The manufacturing area is spread over an area of more than 10000 sq. feet with the most modern machineries like Extruders, Injection Moulding Machines, Drilling Machines, Lathes, CNC Machines etc.

QUALITY CONTROL AND CERTIFICATION :

The Company has dedicated testing facilities for its products right from raw material stage to the finally finished products. The raw material (Plastic Granules) is tested for Melt Flow Index, Carbon Black Content, Hardness, etc. before being processed. The finished products (Valves and Fittings) are Hydro-statically tested and subject to Hot Water Bath before being paced for final dispatches.

An ISO 9001:2008 Company

Aerochem Piping Pvt. Ltd.

AEROCHEM PIPING PVT. LTD. as a part of Parth's aim to provide total piping solution. A separate manufacturing division named M/s Aerochem Piping Pvt. Limited has been established to manufacture "Aero " brand Polypropylene (PP) / High-density polyethylene (HDPE) and Medium density polyethylene (MDPE) pipes at Khathwada GIDC , Ahmedabad.

INFRASTRUCTURE :

Aerochem Piping Pvt. Ltd. Produces various types of thermoplastic Pipes from 20 mm to 315 mm Dia. in 45,000 sq. feet area. Aerochem Pipes Pvt. Ltd. always believe in better quality products compared to other manufacturers, and so the company has decided to purchase Sate Of Art production facility (extrusion machine) from M/s. Kabra Extrusions, leader in extrusion technique who has technology tie up with M/s. Batten field Extrusion technik, Germany.

QUALITY CONTROL AND CERTIFICATION :

The company has in house testing and quality control department where every batch of pipes are checked for carbon balance control, density, reversion, migration, tensile, carbon dispersion with latest laboratory equipments. A well qualified team of quality control department takes care of each product before they are dispatched to the clients.

HDPE pipes will confirm to IS 4984:1995 in PE 63, PE 80, PE 100. PP pipes in DIN 8077 and MDPE pipes in ISO 4437, IS : 14885-2001, IS : 14333-1996 and IS : 14151-1994 with different pressure classes Part 1 & Part 2.

HUMAN RESOURCE :

Parth Poly Valves Pvt. Ltd. and Aerochem Piping Pvt. Ltd. have been a strong believer of the fact that Human Resources from the core wealth of the organization. Our production personal keep regular interaction with organizations like CIPET, CIBRI, IPMA for latest and updated knowledge and trend in plastic processing, same way many students from various engineering students visit our plants to share and enhance their knowledge. It has been the constant endeavor of the company to bring in the best possible talent and provide an atmosphere conducive to continuous improvement and growth of the individual, in synergy with the organizational goals. The company has a 50-member strong force working in various disciplines like Design, Production, Administration and Supply-Chain Management. The company believes in motivating it's employees to bring out the very best from every individual by providing the right means and hence has been able to achieve high standards of excellence in various areas.

FUTURE VISION :

Manufacturing of all anti corrosive, long lasting products like valves, fittings, pipes and other accessories, Parth and Aerochem will be the complete anti corrosive piping system company. The company also plan to share his experience to undertake turnkey projects from material supply to erection of complete projects.

LIST OF MAJOR CUSTOMERS

CHEMICALS & FERTILIZERS

- TATA CHEMICALS LTD.
- HINDUSTAN LEVER LTD.
- MEGHMANI ORGANICS LTD.
- CHEMPLAST SANMAR LTD.
- METROCHEM INDUSTRIES LTD.
- SOLARIS CHEMTECH LTD.
- CHAMBAL FERTILIZERS LTD.
- UNITED PHOSPHRUS LTD.
- AGROCEL INDUSTRIES LTD.
- HPL
- MERCHEM LTD.
- FRIENDS & FRIENDS GROUP OF COMPANIES LTD.
- GUJARAT HEAVY CHEMICALS LTD.
- CHEMFAB ALKALIES LTD.
- HINDUSTAN FLURO CARBON LTD.
- SAJJAN INDIA PVT. LTD.
- BODAL CHEMICAL
- HINDUSTAN M.I. SWACO LTD
- ADITYA BIRLA
- SAM FINE O CHEM LTD.

OIL MANUFACTURING PLANTS

- ADANI WILMAR LTD.
- ESSAR OIL LTD.
- J.M.D. OILS PVT. LTD.
- N. K. INDUSTRIES LTD.
- INDIAN OIL CORPN. LTD.
- PARAM INDUSTRIES LTD.
- GOKUL REFOILS & SOLVENT LTD.

PHARMACEUTICALS

- TORRENT PHARMACEUTICALS LTD.
- DIVI'S LABORATORIES LTD.
- CALYX PHARMACEUTICALS & CHEMICALS LTD.
- CADILA PHARMACEUTICALS LTD.
- ZYDUS CADILA LTD.
- SUN PHARMACEUTICALS LTD.

LIST OF MAJOR CUSTOMERS

STARCH, SUGARS & FOOD

- RIDDHI SIDDHI GLUCO BOILS LTD.
- SANTOSH STARCH LTD.
- ANIL STARCH
- GNFC
- JAIN SHWETAMBAR TERAPANTH
- SUKHJIT STARCH & CHEMICALS LTD.
- INDIA GLYCOLS LIMITED
- EXCEL CROP CARE LIMITED
- WABAG

WATER TREATMENT PLANT MANUFACTURER

- ION EXCHANGE (I) LTD.
- DOSHION LTD.
- ADVANCE ENVIRO PVT. LTD.
- THERMAX LTD.
- PERMIONICS MEMBRANES
- ADANI PORT & SPECIAL ECONOMIC ZONE

STEEL & CEMENT PLANTS

- TATA STEEL LTD.
- HINDUSTAN ZINC LTD.
- RATNAMANI METALS & TUBES LTD
- BHUSHAN STEELS & STRIPS LTD.
- ESSAR STEEL
- WONDER CEMENT
- RAJILA (LNT)
- HINDALCO INDUSTRIES LTD.
- BINANI ZINC LTD.
- JINDAL LTD.
- STEELCO GUJARAT LIMITED
- AMBUJA CEMENT
- SANGHI CEMENT
- PUNCHMAHAL STEEL LIMITED

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LIST OF MAJOR CUSTOMERS

NUCLEAR & POWER PLANTS

- GUJARAT ELECTRICITY LTD.
- ENERGREEN POWER PLANT LTD.
- BHEL
- NTPC
- GSJ ENVO LTD.
- BGR ENERGY
- ENERCON INDIA LTD
- RCF LTD.
- WORLD WIND ENERGY ASSOCIATION

TEXTILE PLANTS

- NANDAN EXIM LIMITED
- ARVIND MILL
- NOVA (CHIRIPAL GROUP)

WORKING WITH ENGINEERING CONSULTANTS

- L & T LTD.
- SGS LTD.
- TATA PROJECTS LTD.
- ENGINEERS INDIA LTD.
- JACOBS LTD.
- BAX COUNSEL INSPECTION PVT. LTD.
- DOOR OLIVER LTD.
- CHEMPRO INSPECTION PVT. LTD.
- PDIL
- SHROFF & ASSOCIATES

EXPORTS


UNITED ARAB EMIRATES


SAUDI ARABIA


KUWAIT


BANGLADESH


EGYPT


REAL CONGO


SPAIN


JAPAN


QATAR


SRI LANKA

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'AERO' PIPES

CHARACTERISTICS :

- Corrosion Resistant • Flexible • Tough
- Chemically Inert • Abrasion Resistant • Smooth Surface
- Easy & Quick Installation

APPLICATIONS :

- Slurry Transportation • Potable Water Supply
- Industrial Effluents • Irrigation / Agriculture
- Sewerage & Drainage • Sprinkler System
- Gas Transmission

'AERO' HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT

MATERIAL GRADE PE 80 & MATERIAL GRADE PE 100 :

AVAILABLE SIZE : 20 MM to 315 MM

'AERO' HDPE PIPES

Aerochem Piping Pvt. Ltd. It's a name that signifies quality with accuracy in the area of Polyproplene and High Density Polyethylene (HDPE) pipes, manufacturing them under the brand **"Aero"** Pipe. The expansion is a mark of hard work and persistence of the company. Aerochem Piping Pvt.Ltd.is a dynamic name symbolizing quality and accuracy.

"Aero" HDPE Pipes are manufactured as per IS 4984 :1995, ISO 4427, DIN 8074, up to 315 mm in all pressure class manufacturing from material grade PE 63, PE 80, PE 100. Also, planning to get another standards like IS 14333 :1996,IS 14151 :1994 within very short period.

ISI:4984

CM/L:7887513

HDPE, PP Pipes

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'AERO' HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT (MATERIAL GRADE PE 80)

NOMINAL	PN 2.5		PN 4		PN 6		PN 8		PN 10	
DIA.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20										
25									2.3	2.8
32							2.4	2.9	3.0	3.5
40					2.3	2.8	3.0	3.5	3.7	4.3
50			2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3
63			2.5	3.0	3.6	4.2	4.7	5.4	5.8	6.6
75			2.9	3.4	4.3	5.0	5.6	6.4	6.9	7.8
90	2.3	2.8	3.5	4.1	5.1	5.9	6.7	7.6	8.2	9.3
110	2.7	3.2	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2
125	3.1	3.7	4.9	5.6	7.1	8.1	9.3	10.5	11.4	12.8
140	3.5	4.1	5.4	6.2	8.0	9.0	10.4	11.7	12.8	14.3
160	4.0	4.6	6.2	7.1	9.1	10.3	11.9	13.3	14.6	16.3
180	4.4	5.1	7.0	7.9	10.2	11.5	13.4	15.0	16.4	18.3
200	4.9	5.6	7.7	8.7	11.4	12.8	14.9	16.6	18.2	20.3
225	5.5	6.3	8.7	9.8	12.8	14.3	16.7	18.6	20.5	22.8
250	6.1	7.0	9.7	10.9	14.2	15.9	18.6	20.7	22.8	25.3
280	6.9	7.8	10.8	12.1	15.9	17.7	20.8	23.1	25.5	28.3
315	7.7	8.7	12.2	13.7	17.9	19.9	23.4	26.0	28.7	31.8

(ALL DIMENSION IN MM.)

'AERO' HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT (MATERIAL GRADE PE 100)

NOMINAL	PN 6		PN 8		PN 10	
DIA.	Min.	Max.	Min.	Max.	Min.	Max.
20						
25						
32					2.4	2.9
40			2.4	2.9	3.0	3.5
50	2.3	2.8	3.0	3.5	3.7	4.3
63	2.9	3.4	3.8	4.4	4.7	5.4
75	3.5	4.1	4.5	5.2	5.6	6.4
90	4.1	4.8	5.4	6.2	6.7	7.6
110	5.0	5.7	6.6	7.5	8.1	9.2
125	5.7	6.5	7.5	8.5	9.2	10.4
140	6.4	7.3	8.4	9.5	10.3	11.6
160	7.3	8.3	9.6	10.8	11.8	13.2
180	8.2	9.3	10.8	12.1	13.3	14.9
200	9.1	10.3	12.0	13.4	14.8	16.5
225	10.3	11.6	13.5	15.1	16.6	18.5
250	11.4	12.8	15.0	16.7	18.4	20.5
280	12.8	14.3	16.8	18.7	20.6	22.9
315	14.4	16.1	18.9	21.0	23.2	25.8

(ALL DIMENSION IN MM.)

'AERO' HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT
MATERIAL GRADE PE 63 :
AVAILABLE SIZE :
20MM to 315MM
'AERO' PP/PPH PIPES AS PER DIN : 8077
AVAILABLE SIZE :
20 MM to 315 MM

'AERO' HDPE PIPES

'AERO' HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT (MATERIAL GRADE PE 63)

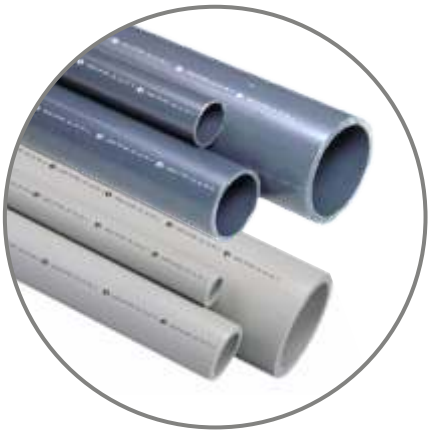
NOMINAL	PN 2.5		PN 4		PN 6		PN 8		PN 10	
DIA.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20									2.3	2.8
25							2.3	2.8	2.8	3.3
32					2.3	2.8	3.0	3.5	3.6	4.2
40			2.0	2.4	2.8	3.3	3.7	4.3	4.5	5.2
50			2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4
63	2.0	2.4	3.0	3.5	4.4	5.1	5.8	6.6	7.0	7.9
75	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5
90	2.8	3.3	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2
110	3.4	4.0	5.3	6.1	7.7	8.7	10.0	11.2	12.3	13.8
125	3.8	4.4	6.0	6.8	8.8	9.9	11.4	12.8	13.9	15.5
140	4.3	5.0	6.7	7.6	9.8	11.0	12.8	14.3	15.6	17.4
160	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8
180	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20.0	22.2
200	6.1	7.0	9.6	10.8	14.0	15.6	18.2	20.3	22.3	24.8
225	6.9	7.8	10.8	12.1	15.7	17.5	20.5	22.8	25.0	27.7
250	7.6	8.6	12.0	13.4	17.5	19.5	22.8	25.3	27.8	30.8
280	8.5	9.6	13.4	15.0	19.6	21.8	25.5	28.3	31.2	34.6
315	9.6	10.8	15.0	16.7	22.0	24.4	28.7	31.8	35.0	38.7

(ALL DIMENSION IN MM.)

'AERO' PP / PPH PIPES AS PER DIN : 8077

NOMINAL	2.5 Kg/cm²	4 Kg/cm²	6 Kg/cm²	10 Kg/cm²	16 Kg/cm²
DIA.	Thickness	Thickness	Thickness	Thickness	Thickness
20				1.9	2.8
25				2.3	3.5
32				2.9	4.4
40		1.8	2.3	3.7	5.5
50		2.0	2.9	4.6	6.9
63		2.5	3.6	5.8	8.6
75		2.9	4.3	6.8	10.3
90		3.5	5.1	8.2	12.3
110		4.2	6.3	10.0	15.1
125	3.1	4.8	7.1	11.4	17.1
140	3.5	5.4	8.0	12.7	19.2
160	4.0	6.2	9.1	14.6	21.9
180	4.4	6.9	10.2	16.4	24.6
200	4.9	7.7	11.4	18.2	27.4
225	5.5	8.6	12.8	20.5	30.8
250	6.2	9.6	14.2	22.7	34.2
280	6.9	10.7	15.9	25.4	38.3
315	7.7	12.1	17.9	28.6	

(ALL DIMENSION IN MM.)



Parth™
An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :
3 piece design, Single piece stem (Spindle) Reinforced Ball, Teflon seated, full bore.

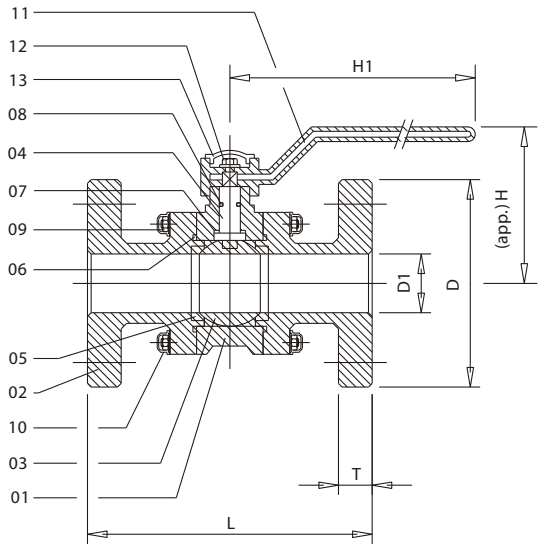
DESIGN AND MANUFACTURING STD. :
As per Manufacturer's Standard

END CONNECTIONS :
Flanged as per ANSI B 16.5 (150 #) &
as per BS 10 (Table D/E/F) & DIN STD.

AVAILABLE M.O.C. :
PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE) ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :
½" (15 NB) to 12" (300 NB)

PP / HDPE BALL VALVE - Flange End



NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	BODY	PP / HDPE / ISOPP / PVDF	1
02	SIDE PIECE/CONNECTOR	PP / HDPE / ISOPP / PVDF	2
03	BALL	PP / HDPE / ISOPP / PVDF	1
04	STEM/SPINDLE	M.S./S.S. PP/ISOPP/PVDF COATED	1
05	SEAT RING	PTFE	2
06	CONNECTOR SEAL	NEOPRENE RUBBER / PTFE	2
07	STEM SEAL RING	PTFE	1
08	STEM O-RING	NEOPRENE	1
09	STUD, NUT & WASHER	M.S. (EN8) / S.S. 316	REQ.
10	NUT CAP	PP	REQ.
11	HANDLE	M.S. PP COATED	1
12	HANDLE HEX. PIN	M.S. (En8) / S.S. 316	1
13	HANDLE CAP	PP	1

SIZE		CODE	ØD	ØD1	L	T	H	H1
IN.	NB							
½ "	15	P1BF01	100.0	13.5	129.0	13.0	69.0	131.0
¾ "	20	P1BF02	101.0	19.0	142.0	14.0	75.0	131.0
1 "	25	P1BF03	121.0	25.0	158.0	21.0	92.0	161.0
1 ½ "	40	P1BF04	138.0	38.0	182.0	22.0	111.0	205.0
2 "	50	P1BF05	165.0	50.0	210.0	23.0	122.0	205.0
2 ½ "	65	P1BF06	182.0	63.5	234.0	25.0	140.0	262.0
3 "	80	P1BF07	200.0	75.0	252.0	25.0	148.0	262.0
4 "	100	P1BF08	226.0	100.0	297.0	28.0	170.0	335.0
6 "	150	P1BF09	303.0	150.0	425.0	32.0	236.0	498.0
8 "	200	P1BF10	360.0	200.0	497.0	32.0	283.0	498.0
10 "	250	P1BF11	Available On Request					
12 "	300	P1BF12	Available On Request					

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :
- SS 316 Parts (Stem, Fasteners)
- Glass Filled Ball, PVDF Ball,
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :
3 piece design, Single piece stem (Spindle) Reinforced Ball, Teflon seated, full bore.

DESIGN AND MANUFACTURING STD. :
As per Manufacturer's Standard

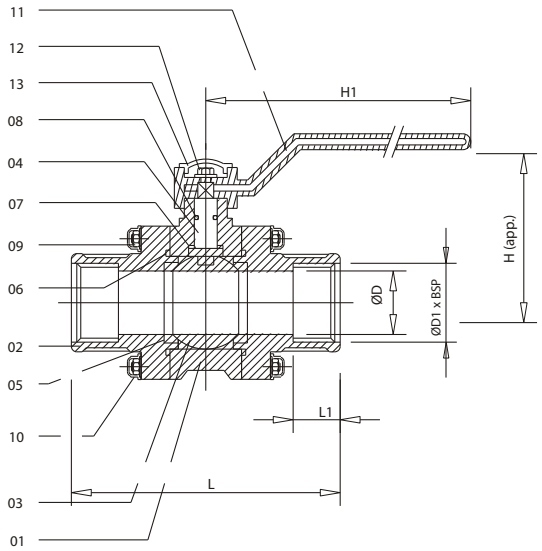
END CONNECTIONS :
Screw end (BSP thread)

AVAILABLE M.O.C. :
PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :
½" (15 NB) to 4" (100 NB)

PP BALL VALVE - Screw End

NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	BODY	PP / ISOPP / PVDF	1
02	SIDE PIECE/CONNECTOR	PP / ISOPP / PVDF	2
03	BALL	PP / ISOPP / PVDF	1
04	STEM/SPINDLE	M.S./S.S. PP/ISOPP/PVDF COATED	1
05	SEAT RING	PTFE	2
06	CONNECTOR SEAL	NEOPRENE RUBBER / PTFE	2
07	STEM SEAL RING	PTFE	1
08	STEM O-RING	NEOPRENE	1
09	STUD, NUT & WASHER	M.S. (EN8) / S.S. 316	REQ.
10	NUT CAP	PP	REQ.
11	HANDLE	M.S. PP COATED	1
12	HANDLE HEX. PIN	M.S. (En8) / S.S. 316	1
13	HANDLE CAP	PP	1



SIZE		CODE	ØD	ØD1	L	L1	H	H1
IN.	NB							
½ "	15	P1BS01	15.0	½ "	116.0	22.0	69.0	131.0
¾ "	20	P1BS02	19.0	¾ "	127.0	23.0	75.0	131.0
1 "	25	P1BS03	24.0	1 "	131.0	25.0	92.0	161.0
1 ½ "	40	P1BS04	38.0	1 ½ "	171.0	36.0	111.0	205.0
2 "	50	P1BS05	50.0	2 "	204.0	45.0	122.0	205.0
2 ½ "	65	P1BS06	63.0	2 ½ "	224.0	52.0	140.0	262.0
3 "	80	P1BS07	75.0	3 "	252.0	53.0	148.0	262.0
4 "	100	P1BS08	100.0	4 "	287.0	63.0	170.0	335.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :
- SS 316 Parts (Stem, Fasteners)
- Glass Filled Ball, PVDF Ball,
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

Parth™
An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :

Weir type design, Soft seated, Raising stem

DESIGN AND MANUFACTURING STD. :

As per Manufacturer's Standard

END CONNECTIONS : Flanged as per ANSI B 16.5 (150 #) as per BS 10 (Table D/E/F) & DIN STD.

AVAILABLE M.O.C. :

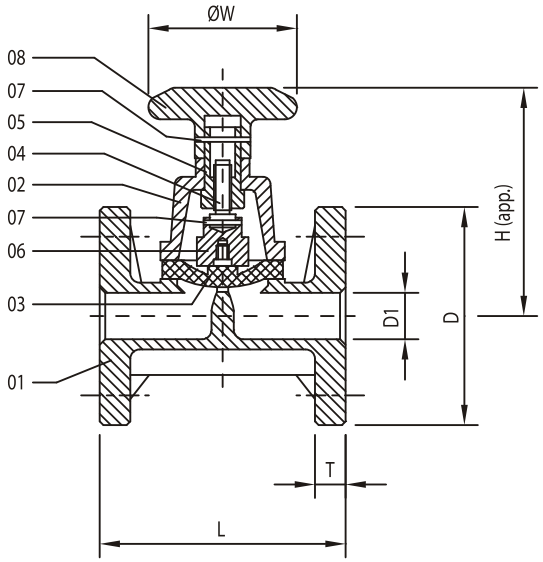
PP (POLYPROPYLENE) | ISOTACTIC PP

PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

1/2" (15 NB) to 4" (100 NB)

PP DIAPHRAGM VALVE - Flange End



NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	BODY	PP / ISOPP / PVDF	1
02	BONNET	PP / ISOPP / PVDF	1
03	DIAPHRAGM	NEOPRENE / TEFLON COATED	1
04	STEM/SPINDLE	M.S. / S.S. 316	1
05	STEM/SPINDLE NUT	M.S. / S.S. 316	1
06	COMPRESSOR	GLASS FILLED PP	1
07	PIN	M.S. / S.S. 316	1
08	HAND WHEEL	PP / ISOPP	1
09	STUD, NUT & WASHER	M.S. ZINK COATED / S.S. 316	REQ

SIZE		CODE	ØD	ØD1	L	T	H	ØW
IN.	NB							
½ "	15	P1DF01	95.0	15.0	116.0	15.0	85.0	76.0
¾ "	20	P1DF02	101.0	20.0	120.0	16.5	96.5	76.0
1 "	25	P1DF03	121.0	25.0	133.0	16.5	113.5	76.0
1 ½ "	40	P1DF04	141.0	38.0	167.0	19.5	175.0	96.0
2 "	50	P1DF05	166.0	50.0	200.0	21.0	195.0	105.0
2 ½ "	65	P1DF06	183.0	63.0	244.0	24.0	208.0	198.0
3 "	80	P1DF07	204.0	77.0	248.0	25.0	211.0	198.0
4 "	100	P1DF08	227.0	102.0	335.0	25.0	280.0	229.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :

- SS 316 Parts (Stem, Fasteners)
- EPDM / Viton Rubber and PTFE coated Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :

Weir type design, Soft seated, Raising stem

DESIGN AND MANUFACTURING STD. :

As per Manufacturer's Standard

END CONNECTIONS :

Screw end (BSP thread)

AVAILABLE M.O.C. :

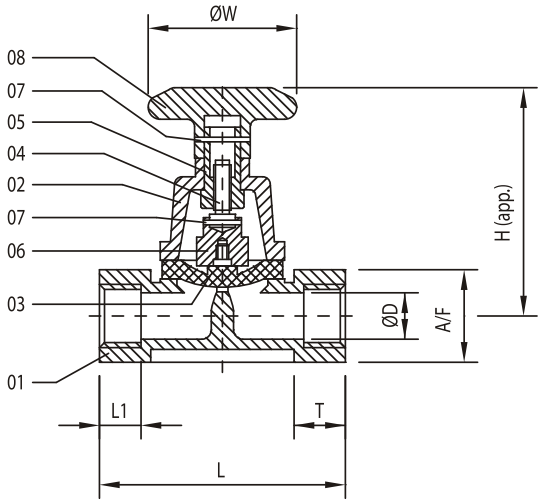
PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

½" (15 NB) to 1" (25 NB)

PP DIAPHRAGM VALVE - Screw End

NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	BODY	PP / ISOPP / PVDF	1
02	BONNET	PP / ISOPP / PVDF	1
03	DIAPHRAGM	NEOPRENE / TEFLON COATED	1
04	STEM/SPINDLE	M.S. / S.S. 316	1
05	STEM/SPINDLE NUT	M.S. / S.S. 316	1
06	COMPRESSOR	GLASS FILLED PP	1
07	PIN	M.S. / S.S. 316	1
08	HAND WHEEL	PP / ISOPP	1
09	STUD, NUT, WASHER	M.S. ZINC COATED / S.S. 316	REQ.



SIZE		CODE	ØD	L	L1	A/F	T	H	ØW
IN.	NB								
½ "	15	P1DS01	15.0	89.0	16.5	31.0	17.5	84.5	76.0
¾ "	20	P1DS02	20.0	107.0	18.0	38.0	20.0	95.0	76.0
1 "	25	P1DS03	25.0	123.0	21.0	45.0	23.0	114.5	76.0

ALL DIMENSIONS ARE IN MM (±2 MM)

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :

- SS 316 Parts (Stem, Fasteners)
- EPDM / Viton Rubber and PTFE coated Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

Parth™
An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :

Ball type, Soft seated

DESIGN AND MANUFACTURING STD. :

As per Manufacturer's Standard

END CONNECTIONS :

Flanged as per ANSI B 16.5 (150 #)
as per BS 10 (Table D/E/F) & DIN STD.

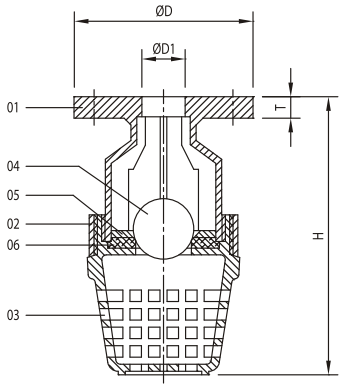
AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

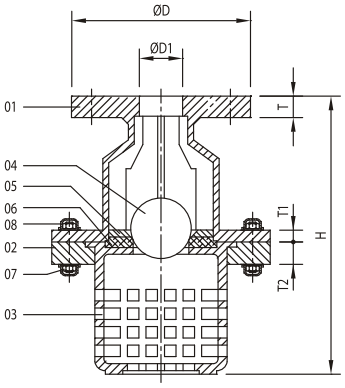
AVAILABLE SIZE :

1" (25 NB) to 8" (200 NB)

PP FOOT VALVE - Flange End



AVAILABLE SIZE : 1" Only



AVAILABLE SIZE : 1 ½" to 8" Only

NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	TOP BODY	PP / ISOPP / PVDF	1
02	BOTTOM BODY	PP / ISOPP / PVDF	1
03	SCREEN	PP / ISOPP	1
04	BALL	M.S. PP / ISOPP / PVDF COATED	1
05	BALL RING	PP / ISOPP / PVDF	1
06	SEAT RING	NEOPRENE RUBBER	1
07	STUD NUT WASHER	M.S. (En 8) / S.S.316	Req.
08	NUT CAP	PP	1

SIZE		CODE	ØD	ØD1	H	T	T1	T2
IN.	NB							
1 "	25	P1FF01	122.0	26.0	189.0	18.0	-	-
1 ½ "	40	P1FF02	140.0	38.0	220.0	23.0	14.0	35.0
2 "	50	P1FF03	166.0	51.0	220.0	23.0	14.0	35.0
2 ½ "	65	P1FF04	182.0	64.0	312.0	25.0	18.0	40.0
3 "	80	P1FF05	199.0	77.5	313.0	25.0	18.0	40.0
4 "	100	P1FF06	229.0	102.0	376.0	26.0	18.0	45.0
6 "	150	P1FF07	303.0	150.0	480.0	30.0	20.0	45.0
8 "	200	P1FF08	Available On Request					

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :

- SS 316 Parts
- EPDM / Viton Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :
Ball type, Soft seated

DESIGN AND MANUFACTURING STD. :
As per Manufacturer's Standard

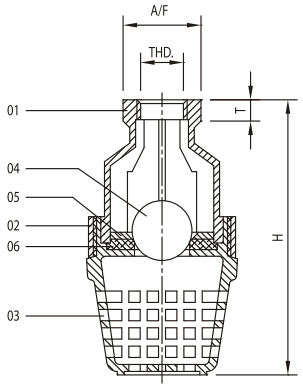
END CONNECTIONS :
Screw end (BSP thread)

AVAILABLE M.O.C. :
PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :
1" (25 NB) to 4" (100 NB)

PP FOOT VALVE - Screw End

NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	TOP BODY	PP / ISOPP / PVDF	1
02	BOTTOM BODY	PP / ISOPP / PVDF	1
03	SCREEN	PP / ISOPP	1
04	BALL	M.S. PP / ISOPP / PVDF COATED	1
05	BALL RING	PP / ISOPP / PVDF	1
06	SEAT RING	NEOPRENE RUBBER	1



AVAILABLE SIZE : 1" Only

AVAILABLE SIZE : 1 ½" to 4" Only

SIZE		CODE	A/F	THDS.	H	T
IN.	NB					
1 "	25	P1FS01	54.0	1 "	195.0	22.0
1 ¼ "	32	P1FS02	54.0	1 ¼ "	195.0	22.0
1 ½ "	40	P1FS03	68.0	1 ½ "	218.0	24.0
2 "	50	P1FS04	78.0	2 "	218.0	24.0
2 ½ "	65	P1FS05	93.0	2 ½ "	303.0	29.0
3 "	80	P1FS06	108.0	3 "	303.0	29.0
4 "	100	P1FS07	135.0	4 "	380.0	32.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :
- SS 316 Parts
- EPDM / Viton Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

Parth™
An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :

Ball type design, Soft seated

DESIGN AND MANUFACTURING STD. :

As per Manufacturer's Standard

END CONNECTIONS :

Flanged as per ANSI B 16.5 (150 #) &
as per BS 10 (Table D/E/F) & DIN STD.

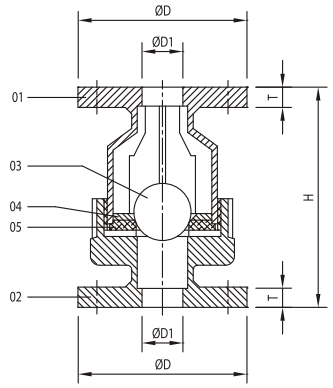
AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

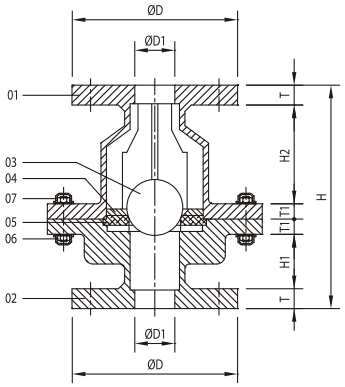
AVAILABLE SIZE :

1" (25 NB) to 8" (200 NB)

PP NON RETURN VALVE - Flange End



AVAILABLE SIZE : 1" & 1¼" Only



AVAILABLE SIZE : 1 ½" to 8" Only

NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	TOP BODY	PP / ISOPP / PVDF	1
02	BOTTOM BODY	PP / ISOPP / PVDF	1
03	BALL	M.S. PP / ISOPP / PVDF COATED	1
04	BALL RING	PP / ISOPP / PVDF	1
05	SEAT RING	NEOPRENE RUBBER	1
06	STUD NUT WASHER	M.S. (En 8) S.S. 316	Req.
07	NUT CAP	PP	1

SIZE		CODE	ØD	ØD1	H	H1	H2	T	T1
IN.	NB								
1 "	25	P1NF01	122.0	26.0	161.0	-	-	18.0	-
1 ½ "	40	P1NF02	140.0	38.0	187.0	24.0	90.0	22.0	14.0
2 "	50	P1NF03	166.5	50.0	190.0	25.0	92.0	22.0	14.0
2 ½ "	65	P1NF04	182.0	64.5	260.0	46.0	130.0	26.0	18.0
3 "	80	P1NF05	199.0	77.0	265.0	46.0	130.0	26.0	18.0
4 "	100	P1NF06	229.0	101.0	305.0	46.0	175.0	26.0	18.0
6 "	150	P1NF07	Available On Request						
8 "	200	P1NF08	Available On Request						

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :

- SS 316 Parts
- EPDM / Viton Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :
Ball type design, Soft seated

DESIGN AND MANUFACTURING STD. :
As per Manufacturer's Standard

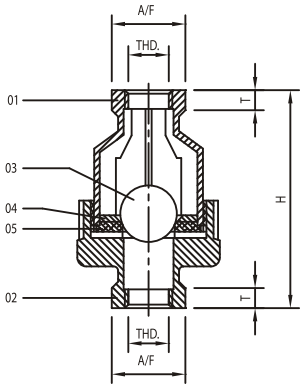
END CONNECTIONS :
Screw end (BSP thread)

AVAILABLE M.O.C. :
PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :
1" (25 NB) to 4" (100 NB)

PP NON RETURN VALVE - Screw End

NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	TOP BODY	PP / ISOPP / PVDF	1
02	BOTTOM BODY	PP / ISOPP / PVDF	1
03	BALL	M.S. PP / ISOPP / PVDF COATED	1
04	BALL RING	PP / ISOPP / PVDF	1
05	SEAT RING	NEOPRENE RUBBER	1



AVAILABLE SIZE : 1 ½" to 4" Only

SIZE		CODE	A/F	THDS.	H	T
IN.	NB					
1 "	25	P1NS01	54.0	1 "	154.0	22.0
1 ¼ "	32	P1NS02	54.0	1 ¼ "	154.0	22.0
1 ½ "	40	P1NS03	68.0	1 ½ "	193.0	24.0
2 "	50	P1NS04	78.0	2 "	193.0	25.0
2 ½ "	65	P1NS05	93.0	2 ½ "	278.0	29.0
3 "	80	P1NS06	108.0	3 "	280.0	30.0
4 "	100	P1NS07	135.0	4 "	352.0	32.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

AVAILABLE SIZE : 1" to 1¼" Only

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :
- SS 316 Parts
- EPDM / Viton Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

Parth™
An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :

3 piece design full bore sight glass

DESIGN AND MANUFACTURING STD. :

As per Manufacturer's Standard

END CONNECTIONS :

Flanged as per ANSI B 16.5 (150 #) &
as per BS 10 (Table D/E/F) & DIN STD

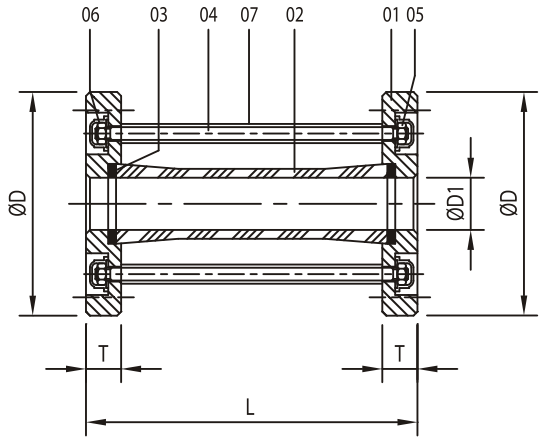
AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

1" (25 NB) to 6" (150 NB)

PP FLOW INDICATOR (FULL VIEW)



NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	SIDE PIECE/CONNECTOR	PP / ISOPP / PVDF	2
02	GLASS TUBE	GLASS (BOROSIL)	1
03	CRISENT RING	PTFE	2
04	STUD	M.S. (EN8) / S.S. 316	REQ.
05	NUT & WASHER	M.S. (EN8) / S.S. 316	REQ.
06	NUT CAP	PP	REQ.
07	STUD TUBE	PP	REQ.

SIZE		CODE	Ø D	Ø D1	L	T
IN.	NB					
1 "	25	P1FI01	120.0	24.0	195.0	25.0
1 ½ "	40	P1FI02	140.0	38.0	195.0	25.0
2 "	50	P1FI03	165.0	50.0	195.0	25.0
3 "	80	P1FI04	200.0	75.0	195.0	25.0
4 "	100	P1FI05	226.0	100.0	195.0	28.0
6 "	150	P1FI06	305.0	150.0	195.0	30.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE	
BODY	TEMP.
150 PSI	80° C

Note : We will also provide in :

- SS 316 Parts
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :
3 piece Design, Full Bore, Borosil Glass, Teflon Seated

DESIGN AND MANUFACTURING STD. :
As per Manufacturer's Standard

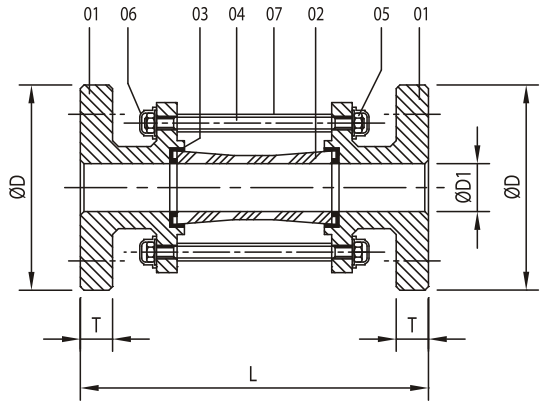
END CONNECTIONS :
Flanged as per ANSI B 16.5 (150 #) &
as per BS 10 (Table D/E/F) & DIN STD.

AVAILABLE M.O.C. :
PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :
1" (25 NB) to 6" (150 NB)

PP FLOW INDICATOR

NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	SIDE PIECE/CONNECTOR	PP / ISOPP / PVDF	2
02	GLASS TUBE	GLASS (BOROSIL)	1
03	CRISENT RING	PTFE	2
04	STUD	M.S. (EN8) / S.S. 316	REQ.
05	NUT & WASHER	M.S. (EN8) / S.S. 316	REQ.
06	NUT CAP	PP	REQ.
07	STUD TUBE	PP	REQ.



SIZE		CODE	Ø D	Ø D1	L	T
IN.	NB					
1 "	25	P1FIN01	120.0	25.0	191.0	20.0
1 ½ "	40	P1FIN02	140.0	40.0	200.0	22.0
2 "	50	P1FIN03	165.0	50.0	220.0	24.0
2½ "	65	P1FIN04	182.0	63.5	255.0	24.0
3 "	80	P1FIN05	200.0	74.0	265.0	26.0
4 "	100	P1FIN06	226.0	99.0	281.0	28.0
6 "	150	P1FIN07	305.0	150.0	350.0	34.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE	
BODY	TEMP.
150 PSI	80° C

Note : We will also provide in :
- SS 316 Parts
- Various Glass length.
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :

Single piece body.

DESIGN AND MANUFACTURING STD. :

As per Manufacturer's Standard

END CONNECTIONS :

Flanged as per ASA 150 #

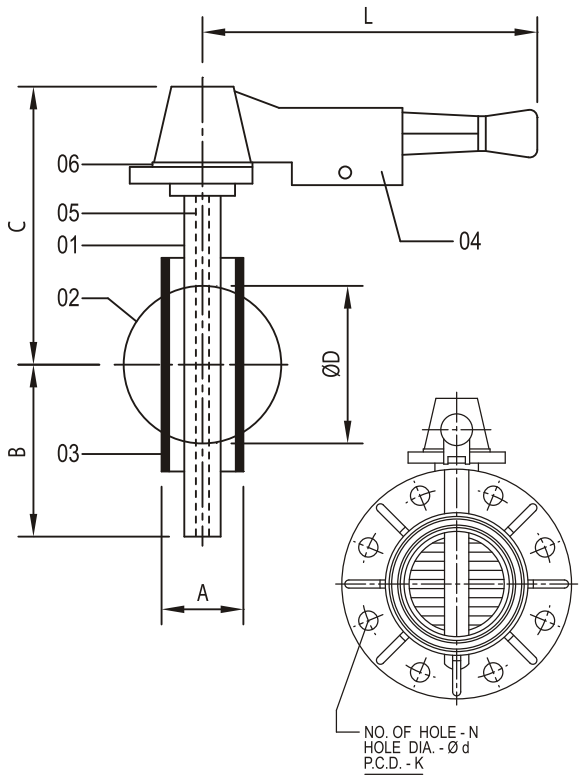
AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

2" (50 NB) to 10" (250 NB)

PP BUTTERFLY VALVE - Flange End



NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	BODY	PP / ISOPP / PVDF	1
02	DISC	PP / ISOPP / PVDF	1
03	SEAT	NEOPRENE / EPDM / VITON	1
04	LEVER	PP / ABS	1
05	STEM	EN 8 / S.S. 316	1
06	LEVER LOCK	M.S. ZINC COATED	1

SIZE		CODE	A	B	C	ØD	L	N	ØD1	K
IN.	NB									
2 "	50	P1BTF01	43	84	159	60	224	4	19.0	120.7
2 ½ "	65	P1BTF02	47	90	165	75	224	4	19.0	137.0
3 "	80	P1BTF03	49	100	168	80	224	4	19.0	152.4
4 "	100	P1BTF04	54	115	184	104	224	8	19.0	190.5
6 "	150	P1BTF05	86	145	224	152	310	8	22.0	241.3
8 "	200	P1BTF06	92	170	260	205	310	8	22.0	292.0
10 "	250	P1BTF07	109	200	290	257	310	12	22.0	362.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE		
BODY	SEAT	TEMP.
150 PSI	100 PSI	80° C

Note : We will also provide in :

- SS 316 Parts
- EPDM / Viton Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

An ISO 9001:2008 Company

TECHNICAL DATA :

CONSTRUCTION :
Single piece body

DESIGN AND MANUFACTURING STD. :
As per Manufacturer's Standard

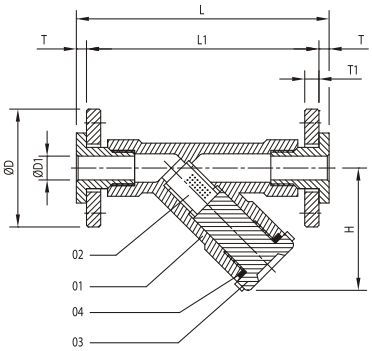
END CONNECTIONS :
Flanged as per ANSI B 16.5 (150 #)
as per BS 10 (Table D/E/F) & DIN STD.

AVAILABLE M.O.C. :
PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :
½" (15 NB) to 4" (100 NB)

PP 'Y' TYPE STRAINER - Flange End

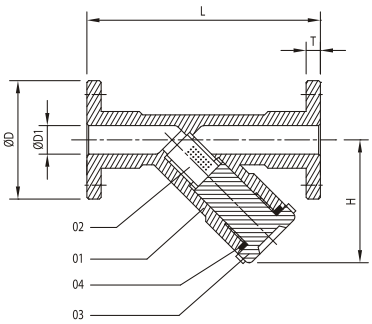
NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	BODY	PP / ISOPP / PVDF	1
02	SCREEN	80 MESH PP	1
03	COVER	PP / ISOPP / PVDF	1
04	COVER GASKET	NEOPRENE RUBBER	1



AVAILABLE SIZE : ½" to 2"

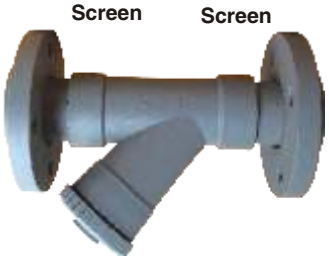
SIZE		CODE	ØD	ØD1	L	L1	T	T1	H
IN.	NB								
½ "	15	P1YSF01	96.0	13.5	163	143	10	16	75
¾ "	20	P1YSF02	104.0	18.5	165	145	10	17	75
1 "	25	P1YSF03	123.0	25.0	226	200	13	19	92
1 ½ "	40	P1YSF04	142.0	39.0	271	245	13	22	115
2 "	50	P1YSF05	166.0	49.0	310	280	15	22	148
3 "	80	P1YSF06	204.0	78.0	300	-	26	-	182
4 "	100	P1YSF07	227.0	102.0	349		28		228

ALL DIMENSIONS ARE IN MM **(±2 MM)**



Cloth Type Screen

PP Moulded Screen



AVAILABLE SIZE : 3" to 4" Only

Note : We will also provide in :

- **Screen** 20 Mesh, 40 Mesh, 60 Mesh, 80 Mesh, 100 Mesh, 120 Mesh Nylon Cloth Molded and PP Molded
- EPDM / Viton Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

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TECHNICAL DATA :

CONSTRUCTION :
Single piece body

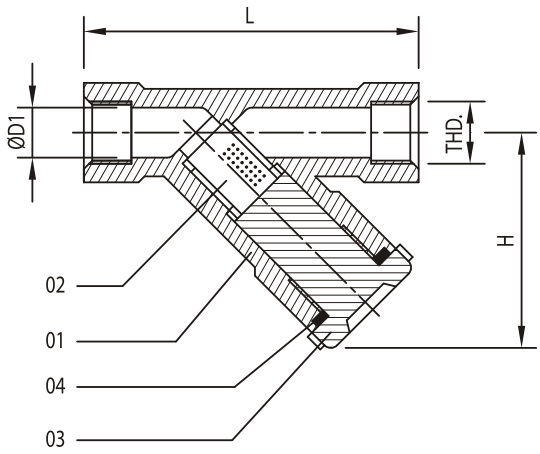
DESIGN AND MANUFACTURING STD. :
As per Manufacturer's Standard

END CONNECTIONS :
Flanged as per ANSI B 16.5 (150 #)
as per BS 10 (Table D/E/F) & DIN STD.

AVAILABLE M.O.C. :
PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :
½" (15 NB) to 2" (50 NB)

PP 'Y' TYPE STRAINER - Screw End



NO.	DESCRIPTION	MATERIAL OPTION	QTY.
01	BODY	PP / ISOPP / PVDF	1
02	SCREEN	80 MESH PP	1
03	COVER	PP / ISOPP / PVDF	1
04	COVER GASKET	NEOPRENE RUBBER	1

SIZE		CODE	ØD	L	THDS.	H
IN.	NB					
½ "	15	P1YSS01	19.0	109.0	½ "	75.0
¾ "	20	P1YSS02	26.0	109.0	¾ "	75.0
1 "	25	P1YSS03	30.0	147.0	1 "	92.0
1 ½ "	40	P1YSS04	44.0	171.5	1 ½ "	115.0
2 "	50	P1YSS05	55.0	186.0	2 "	148.5

ALL DIMENSIONS ARE IN MM **(±2 MM)**

WORKING PRESSURE	
BODY	TEMP.
150 PSI	80° C

Note : We will also provide in :

- **Screen** 20 Mesh, 40 Mesh, 60 Mesh, 80 Mesh, 100 Mesh, 120 Mesh Nylon cloth/ SS
- EPDM / Viton Rubber
- M.O.C.: PVDF / PP-H for details & prices Contact us.
- Material Code P1 : Polypropylene

An ISO 9001:2008 Company

LONG NECK PIPE END

AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE) ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

½" (20 MM) to 24" (630 MM)

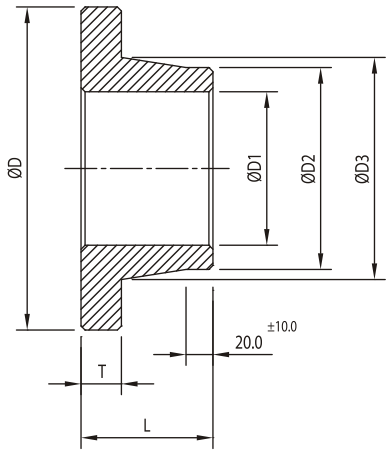
LONG NECK PIPE END

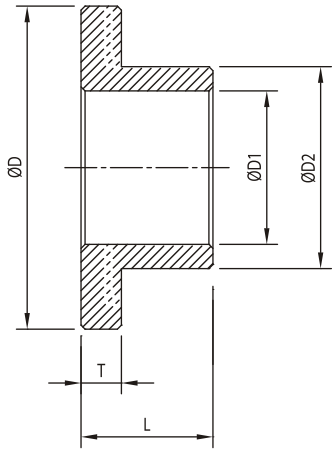
SIZE		CODE	ØD	ØD1	ØD2	ØD3	L	T
IN.	MM							
½ "	20	P1LN01	52.0	14.0	20.0	25.5	37.0	10.0
¾ "	25	P1LN02	61.0	18.0	25.0	29.0	37.0	11.0
1 "	32	P1LN03	65.5	23.5	32.0	36.0	50.0	12.0
1 ¼ "	40	P1LN04	71.0	27.0	40.0	44.0	50.0	12.0
1 ½ "	50	P1LN05	75.0	39.0	50.0	-	50.0	12.0
2 "	63	P1LN06	95.0	47.5	63.0	-	50.0	12.5
2 ½ "	75	P1LN07	105.0	56.0	75.0	-	50.0	14.0
3 "	90	P1LN08	122.0	68.5	90.0	-	78.0	18.0
4 "	110	P1LN09	155.0	84.0	110.0	-	78.0	20.0
5 "	125	P1LN10	188.0	97.5	125.0	-	78.0	20.0
5 ¼ "	140	P1LN11	195.0	113.0	140.0	-	80.0	22.5
6 "	160	P1LN12	211.0	128.0	160.0	-	80.0	25.0
7 "	180	P1LN13	228.0	148.0	180.0	184.5	80.0	28.0
8 "	200	P1LN14	241.0	167.0	200.0	207.0	80.0	28.0
9 "	225	P1LN15	273.5	178.0	225.0	231.5	80.0	32.0
10 "	250	P1LN16	320.0	209.0	250.0	252.0	94.5	32.0
11 "	280	P1LN17	325.0	225.0	280.0	285.0	94.5	32.0
12 "	315	P1LN18	373.0	255.0	315.0	317.0	94.5	32.0
14 "	355	P1LN19	433.0	302.0	355.0	369.0	98.0	50.0
16 "	400	P1LN20	490.0	338.0	400.0	418.0	98.0	50.0
18 "	450	P1LN21	536.0	380.0	450.0	466.0	98.0	50.0
20 "	500	P1LN22	598.0	420.0	500.0	526.0	100.0	50.0
22 "	560	P1LN23	697.0	487.0	560.0	593.0	100.0	50.0
24 "	630	P1LN24	705.0	547.0	630.0	640.0	100.0	50.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

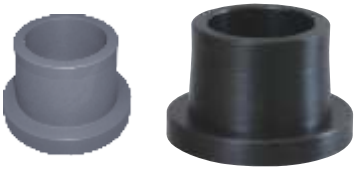
AS PER IS : 8008 - 1976 (PART VI)

MAX. WORKING PRESSURE 10kg / cm²





WORKING PRESSURE	
BODY	TEMP.
150 PSI	80° C



Note :

We will also provide in M.O.C.: PVDF/PP-H & P.P.C.P. Natural, for details & Prices Contact us.

• Material Code P1 : Polypropylene

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EXTRA LONG NECK PIPE END - Tail Piece

AVAILABLE M.O.C. :

PP (POLYPROPYLENE)

HDPE (HIGH DENSITY POLYETHYLENE)

AVAILABLE SIZE :

1" (32 MM) to 6" (160 MM)

EXTRA LONG NECK WITH FLANGE

AVAILABLE M.O.C. :

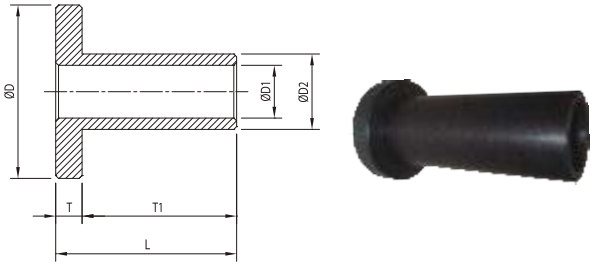
PP (POLYPROPYLENE)

HDPE (HIGH DENSITY POLYETHYLENE)

AVAILABLE SIZE :

1" (32 MM) to 3" (90 MM)

EXTRA LONG PIPE END - Tail Piece

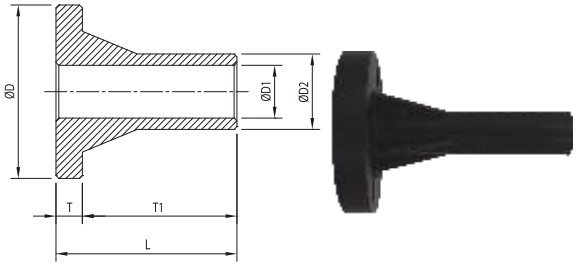


SIZE		CODE	ØD	ØD1	ØD2	L	T	T1
IN.	MM							
1 "	32	P1EL01	65.0	25.0	32.0	182.0	16.0	166.0
1 ¼ "	40	P1EL02	72.0	32.0	40.0	181.0	20.0	161.0
1 ½ "	50	P1EL03	80.0	38.0	50.0	181.0	20.0	161.0
2 "	63	P1EL04	96.0	50.0	63.0	181.0	20.0	161.0
2 ½ "	75	P1EL05	105.0	55.0	75.0	181.0	21.0	176.0
3 "	90	P1EL06	125.0	74.0	90.0	181.0	21.0	160.0
4 "	110	P1EL07	155.0	86.0	110.0	181.0	21.0	160.0
6 "	160	P1EL08	214.0	124.0	160.0	172.0	21.0	151.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

MAX. WORKING PRESSURE 10kg / cm²

EXTRA LONG NECK WITH FLANGE



SIZE		CODE	ØD	ØD1	ØD2	L	T
IN.	MM						
1 "	32	P1ELF01	120.0	26.0	32.0	185.0	20.0
1 ½ "	50	P1ELF02	140.0	40.0	50.0	185.0	22.0
2 "	63	P1ELF04	165.0	50.0	63.0	185.0	22.0
3 "	90	P1ELF05	223.0	74.0	90.0	185.0	22.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

MAX. WORKING PRESSURE 10kg / cm²

Note :

We will also provide in M.O.C.: PVDF/PP-H & P.P.C.P. Natural, for details & Prices Contact us.

- Material Code P1 : Polypropylene

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SHORT NECK PIPE END

AVAILABLE M.O.C. :

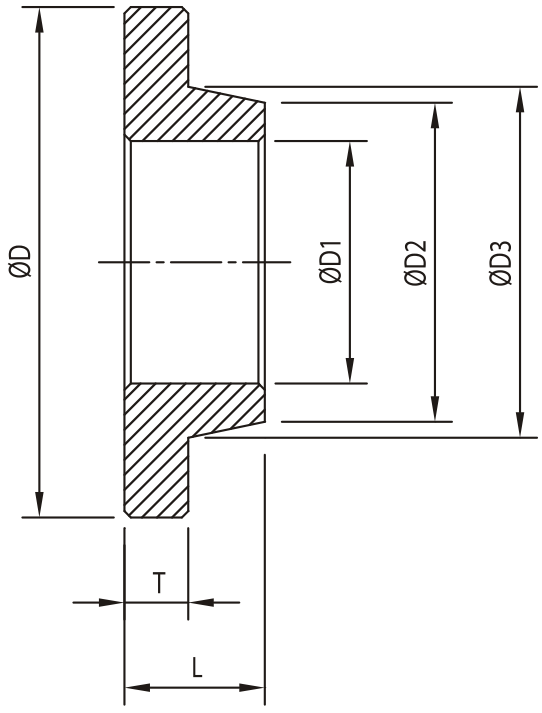
PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE)
ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

½" (20 MM) to 12" (315 MM)

SHORT NECK PIPE END

SIZE		CODE	ØD	ØD1	ØD2	ØD3	L	T
IN.	MM							
½ "	20	P1SN01	50.0	15.0	20.0	24.0	18.0	8.0
¾ "	25	P1SN02	58.0	20.0	25.0	29.0	18.0	10.0
1 "	32	P1SN03	65.0	23.0	32.0	34.0	21.0	10.0
1 ¼ "	40	P1SN04	73.0	31.0	40.0	44.0	21.0	10.0
1 ½ "	50	P1SN05	80.0	39.0	50.0	54.0	22.0	11.0
2 "	63	P1SN06	95.0	50.0	63.0	67.0	22.0	12.0
2 ½ "	75	P1SN07	105.0	57.5	75.0	80.0	25.0	12.0
3 "	90	P1SN08	122.5	68.0	90.0	95.5	27.0	14.0
4 "	110	P1SN09	151.5	84.5	110.0	113.0	30.0	14.0
5 "	125	P1SN10	182.0	92.0	125.0	130.0	32.0	17.0
5 ¼ "	140	P1SN11	187.0	114.0	140.0	145.0	32.0	17.0
6 "	160	P1SN12	217.0	125.0	160.0	166.0	35.0	20.0
7 "	180	P1SN13	240.0	139.0	180.0	185.0	35.0	20.0
8 "	200	P1SN14	242.0	155.5	200.0	204.5	43.0	24.0
9 "	225	P1SN15	275.0	177.5	225.0	227.0	47.0	25.0
10 "	250	P1SN16	300.0	196.0	250.0	252.0	47.0	26.0
11 "	280	P1SN17	324.0	218.0	280.0	285.0	47.0	28.0
12 "	315	P1SN18	380.0	243.5	315.0	320.0	50.0	30.0



ALL DIMENSIONS ARE IN MM **(±2 MM)**

AS PER IS : 8008 - 1976 (PART VI)

MAX. WORKING PRESSURE 10kg / cm²

Note :

We will also provide in M.O.C.: PVDF/PP-H
& P.P.C.P. Natural, for details & Prices Contact us.

• Material Code P1 : Polypropylene

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SLIPON FLANGE

AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE)
ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

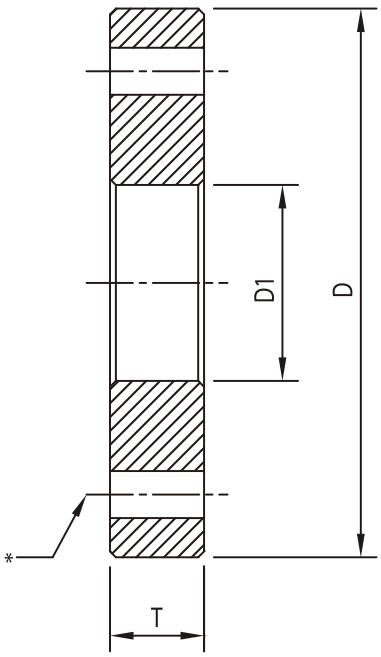
* **FLANGE DRILLED**

ANSI B 16.5 (150 CLASS)
BS 10 TABLE D
BS 10 TABLE E
BS 10 TABLE F
DIN. STD

AVAILABLE SIZE :

½" (20 MM) to 12" (315 MM)

SLIPON FLANGE



SIZE		CODE	ØD	ØD1	T
IN.	MM				
½ "	20	P1SF01	95.0	25.5	16.0
¾ "	25	P1SF02	101.0	32.0	18.0
1 "	32	P1SF03	122.5	37.0	19.0
1 ¼ "	40	P1SF04	134.0	47.0	19.0
1 ½ "	50	P1SF05	140.0	57.0	21.0
2 "	63	P1SF06	164.0	70.0	21.0
2 ½ "	75	P1SF07	184.0	83.0	21.0
3 "	90	P1SF08	202.5	97.5	22.0
4 "	110	P1SF09	228.0	118.0	22.0
5 "	125	P1SF10	263.0	133.0	23.0
5 ¼ "	140	P1SF11	266.0	145.0	25.0
6 "	160	P1SF12	298.0	167.0	26.0
7 "	180	P1SF13	329.0	188.0	27.0
8 "	200	P1SF14	375.0	207.5	30.0
9 "	225	P1SF15	398.0	233.0	30.0
10 "	250	P1SF16	427.0	257.0	30.0
11 "	280	P1SF17	451.0	287.0	32.0
12 "	315	P1SF18	489.0	325.0	32.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART VII)
MAX. WORKING PRESSURE 10kg / cm²

Note :
We will also provide in M.O.C.: PVDF/PP-H
& P.P.C.P. Natural, for details & Prices Contact us.
• Material Code P1 : Polypropylene

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BLIND FLANGE

AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE)
ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

* **FLANGE DRILLED**

ANSI B 16.5 (150 CLASS) | BS 10 TABLE D
BS 10 TABLE E | BS 10 TABLE F | DIN. STD

AVAILABLE SIZE :

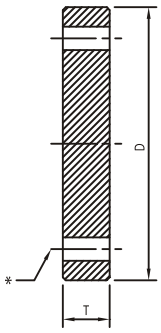
½" (20 MM) to 12" (315 MM)

THREAD / PIPEBORE FLANGE

AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | ISOTACTIC PP
PVDF (POLYVINYLIDENE FLUORIDE) **AVAILABLE SIZE :**
½" (20 MM) to 12" (315 MM)

BLIND FLANGE

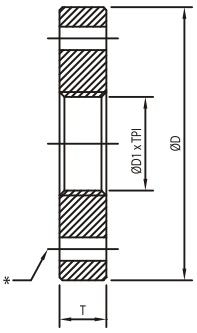


SIZE		CODE	ØD	T
IN.	MM			
½ "	20	P1BF01	97.0	18.0
¾ "	25	P1BF02	102.0	18.0
1 "	32	P1BF03	122.5	19.0
1 ¼ "	40	P1BF04	134.0	19.0
1 ½ "	50	P1BF05	142.0	21.0
2 "	63	P1BF06	164.0	21.0
2 ½ "	75	P1BF07	184.0	21.0
3 "	90	P1BF08	202.5	21.0
4 "	110	P1BF09	228.0	22.0
5 "	125	P1BF10	263.0	23.0
5 ¼ "	140	P1BF11	266.0	25.0
6 "	160	P1BF12	305.0	25.0
7 "	180	P1BF13	318.0	26.0
8 "	200	P1BF14	358.0	28.0
9 "	225	P1BF15	390.0	28.0
10 "	250	P1BF16	416.0	29.0
11 "	280	P1BF17	422.0	29.0
12 "	315	P1BF18	489.0	29.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART VII)
MAX. WORKING PRESSURE 10kg / cm²

Note :
• Material Code P1 : Polypropylene
• We will also provide in M.O.C.:
PVDF/PP-H & P.P.C.P. Natural,
for details & Prices Contact us.

THREAD / PIPEBORE FLANGE



PIPEBORE FLANGE

SIZE		CODE	ØD	ØD1	T
IN.	MM				
½ "	20	P1TPF01	95.0	22.0	16.0
¾ "	25	P1TPF02	101.0	27.0	18.0
1 "	32	P1TPF03	122.5	34.0	19.0
1 ¼ "	40	P1TPF04	134.0	42.0	19.0
1 ½ "	50	P1TPF05	140.0	52.0	21.0
2 "	63	P1TPF06	164.0	65.0	21.0
2 ½ "	75	P1TPF07	184.0	77.0	21.0
3 "	90	P1TPF08	202.5	92.0	22.0
4 "	110	P1TPF09	228.0	112.0	22.0
5 "	125	P1TPF10	263.0	127.0	23.0
5 ¼ "	140	P1TPF11	266.0	142.0	25.0
6 "	160	P1TPF12	298.0	162.0	26.0
7 "	180	P1TPF13	329.0	182.0	27.0
8 "	200	P1TPF14	375.0	202.0	30.0
9 "	225	P1TPF15	398.0	227.0	30.0
10 "	250	P1TPF16	427.0	252.0	30.0
11 "	280	P1TPF17	451.0	282.0	32.0
12 "	315	P1TPF18	489.0	317.0	32.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART VII)
MAX. WORKING PRESSURE 10kg / cm²

Note :
• Material Code P1 : Polypropylene
• We will also provide in M.O.C.:
PVDF/PP-H / P.P.C.P. Natural - HDPE
for bulk Quantity for details &
Prices Contact us.

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END CAP

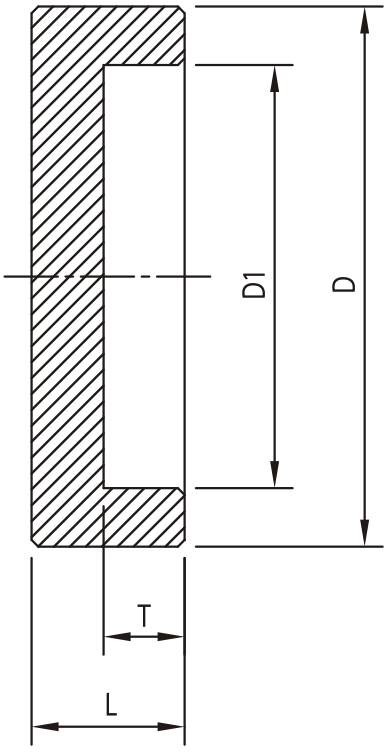
AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE) ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

½" (20 MM) to 12" (315 MM)

END CAP



SIZE		CODE	ØD	ØD1	L	T
IN.	MM					
½ "	20	P1EC01	20.0	12.0	12.0	8.0
¾ "	25	P1EC02	25.0	18.0	15.0	8.0
1 "	32	P1EC03	32.0	24.5	13.0	8.0
1 ¼ "	40	P1EC04	40.0	30.0	16.0	8.0
1 ½ "	50	P1EC05	50.0	38.0	16.5	9.0
2 "	63	P1EC06	63.0	47.0	17.0	9.5
2 ½ "	75	P1EC07	75.0	57.0	18.0	10.0
3 "	90	P1EC08	90.0	70.0	18.0	10.0
4 "	110	P1EC09	110.0	90.0	19.0	10.0
5 "	125	P1EC10	125.0	98.0	22.5	12.0
5 ¼ "	140	P1EC11	140.0	111.0	24.0	12.0
6 "	160	P1EC12	160.0	130.0	27.5	15.0
7 "	180	P1EC13	180.0	150.0	28.5	16.0
8 "	200	P1EC14	200.0	165.0	28.5	17.0
9 "	225	P1EC15	225.0	191.0	28.5	19.0
10 "	250	P1EC16	250.0	211.0	34.0	23.0
11 "	280	P1EC17	280.0	235.5	36.0	23.0
12 "	315	P1EC18	315.0	261.5	36.0	23.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

AS PER IS : 8008 - 1976 (PART VI)

MAX. WORKING PRESSURE 10kg / cm²

Note :

- Material Code P1 : Polypropylene
- We will also provide in M.O.C.: PVDF/PP-H & P.P.C.P. Natural, for details & Prices Contact us.

An ISO 9001:2008 Company

MOULDED ELBOW (BUTWELD TYPE)

AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE)
ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

½" (20 MM) to 12" (315 MM)

MOULDED ELBOW (SOCKET TYPE Plain) (Only in P.P.)

AVAILABLE SIZE :

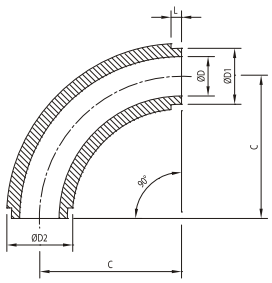
½" (20 MM) to 6" (160 MM)

MOULDED ELBOW (THREADED TYPE) (Only in P.P.)

AVAILABLE SIZE :

½", ¾" (25 MM) & 1" (32 MM)

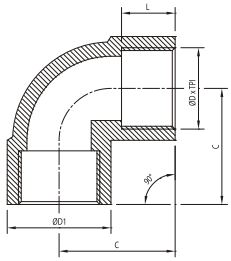
MOULDED ELBOW
(BUTWELD TYPE)



SIZE		CODE	C	ØD	ØD1	ØD2	L
IN.	MM						
½ "	20	P1ME01	35.5	14.0	20.0	23.0	3.0
¾ "	25	P1ME02	40.0	19.0	25.0	28.0	4.0
1 "	32	P1ME03	48.0	24.0	32.0	35.5	5.0
1 ¼ "	40	P1ME04	60.0	29.0	40.0	43.0	6.0
1 ½ "	50	P1ME05	71.0	37.0	50.0	54.0	8.0
2 "	63	P1ME06	80.0	47.5	63.0	65.0	10.0
2 ½ "	75	P1ME07	90.0	59.0	75.0	78.0	12.0
3 "	90	P1ME08	109.0	73.0	90.0	95.0	14.0
4 "	110	P1ME09	135.0	88.0	110.0	114.0	15.0
5 "	125	P1ME10	159.0	103.0	125.0	-	-
5 ¼ "	140	P1ME11	168.0	112.0	140.0	-	-
6 "	160	P1ME12	220.0	133.5	160.0	169.0	16.0
7 "	180	P1ME13	225.0	150.0	180.0	190.0	16.0
8 "	200	P1ME14	247.0	170.0	200.0	203.0	16.0
9 "	225	P1ME15	360.0	185.0	225.0	235.0	30.0
10 "	250	P1ME16	370.0	220.0	250.0	263.0	30.0
11 "	280	P1ME17	420.0	230.0	280.0	290.0	50.0
12 "	315	P1ME18	470.0	260.0	315.0	325.0	50.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART I)
MAX. WORKING PRESSURE 10kg / cm²

MOULDED ELBOW
(SOCKET TYPE Plain)
(Only in P.P.)



SIZE		CODE	C	ØD	ØD1	L
IN.	MM					
½ "	20	P1MES01	28.0	21.0	26.0	16.0
¾ "	25	P1MES02	33.0	25.0	31.0	19.0
1 "	32	P1MES03	39.0	32.0	41.0	20.0
1 ¼ "	40	P1MES04	48.0	41.0	48.0	22.0
1 ½ "	50	P1MES05	58.0	50.0	60.0	29.0
2 "	63	P1MES06	67.0	64.0	74.0	29.0
2 ½ "	75	P1MES07	79.0	76.0	88.0	37.0
3 "	90	P1MES08	96.0	91.0	105.0	42.0
4 "	110	P1MES09	111.0	110.0	127.0	50.0
6 "	160	P1MES10	170.0	161.0	180.0	85.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART III)
MAX. WORKING PRESSURE 10kg / cm²

MOULDED ELBOW
(THREADED TYPE)
(Only in P.P.)

AVAILABLE SIZE : ½", ¾", 1"

Note :

- Material Code P1 : Polypropylene
- We will also provide in M.O.C.: PVDF/PP-H & P.P.C.P. Natural, for details & Prices Contact us.

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MOULDED TEE (BUTWELD TYPE)

AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE)
ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

½" (20 MM) to 12" (315 MM)

MOULDED TEE (SOCKET TYPE Plain) (Only in P.P.)

AVAILABLE SIZE :

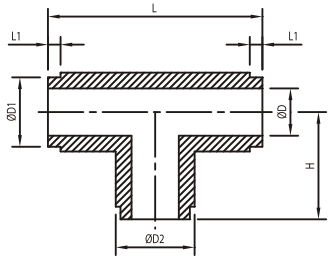
½" (20 MM) to 6" (160 MM)

MOULDED TEE (THREADED TYPE) (Only in P.P.)

AVAILABLE SIZE :

½" (20 MM), ¾" (25 MM) & 1" (32 MM)

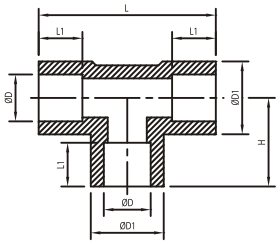
MOULDED TEE
(BUTWELD TYPE)



SIZE		CODE	ØD	ØD1	ØD2	H	L	L1
IN.	MM							
½ "	20	P1MTB01	14.5	20.5	24.0	25.0	50.0	3.0
¾ "	25	P1MTB02	19.5	26.0	28.5	31.0	62.0	4.0
1 "	32	P1MTB03	25.0	32.5	36.0	37.0	76.0	5.0
1 ¼ "	40	P1MTB04	31.0	40.5	43.5	44.5	90.0	6.0
1 ½ "	50	P1MTB05	38.0	50.0	53.0	47.5	98.0	8.0
2 "	63	P1MTB06	49.0	62.5	66.0	57.0	116.0	10.0
2 ½ "	75	P1MTB07	59.5	73.0	79.0	80.0	165.0	12.0
3 "	90	P1MTB08	75.0	91.0	94.5	95.0	194.0	14.0
4 "	110	P1MTB09	89.0	109.0	114.0	118.5	238.0	15.0
6 "	160	P1MTB10	135.0	160.0	168.0	171.0	345.0	16.0
8 "	200	P1MTB11	170.0	200.0	206.0	218.0	432.0	18.0
9 "	225	P1MTB12	182.0	225.0	235.0	255.0	470.0	35.0
10 "	250	P1MTB13	205.0	250.0	256.0	313.0	560.0	35.0
11 "	280	P1MTB14	229.0	280.0	285.0	355.0	605.0	50.0
12 "	315	P1MTB15	260.0	315.0	325.0	422.0	720.0	50.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART II)
MAX. WORKING PRESSURE 10kg / cm²

MOULDED TEE
(SOCKET TYPE Plain)
(Only in P.P.)



SIZE		CODE	ØD	ØD1	H	L	L1
IN.	MM						
½ "	20	P1MTS01	21.0	26.0	29.0	57.0	16.0
¾ "	25	P1MTS02	25.0	31.0	33.0	66.0	18.0
1 "	32	P1MTS03	33.0	40.0	40.0	80.0	18.0
1 ¼ "	40	P1MTS04	40.0	48.0	49.0	98.0	25.0
1 ½ "	50	P1MTS05	51.0	60.0	58.0	116.0	28.0
2 "	63	P1MTS06	64.0	75.0	66.0	132.0	30.0
2 ½ "	75	P1MTS07	76.0	90.0	80.0	158.0	37.0
3 "	90	P1MTS08	91.0	105.0	97.0	193.0	43.0
4 "	110	P1MTS09	111.0	128.0	112.0	222.0	45.0
6 "	160	P1MTS10	160.0	180.0	170.0	337.0	84.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART I)
MAX. WORKING PRESSURE 10kg / cm²

SOCKET TEE
(THREADED TYPE)
(Only in P.P.)

AVAILABLE SIZE : ½", ¾", 1"

Note :

- Material Code P1 : Polypropylene
- We will also provide in M.O.C.: PVDF/PP-H & P.P.C.P. Natural, for details & Prices Contact us.

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SOCKET (Plain)
(Only in P.P.)

AVAILABLE M.O.C. :
PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE)
ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

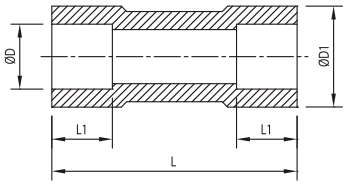
AVAILABLE SIZE :
½" (20 MM) to 4" (100 MM)

MOULDED SOCKET (THREADED TYPE)
(Only in P.P.)

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

AVAILABLE SIZE :
½" (20 MM), ¾" (25 MM), 1" (32 MM)

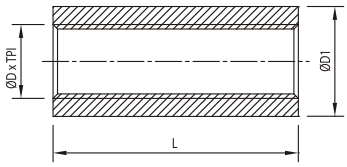
SOCKET (Plain)
(Only in P.P.)



SIZE		CODE	ØD	ØD1	L	L1
IN.	MM					
½ "	20	P1SP01	21.0	26.0	55.0	17.0
¾ "	25	P1SP02	25.0	31.0	60.0	20.0
1 "	32	P1SP03	32.0	40.0	75.0	23.0
1 ¼ "	40	P1SP04	40.0	48.0	75.0	23.0
1 ½ "	50	P1SP05	50.0	60.0	78.0	25.0
2 "	63	P1SP06	63.0	75.0	80.0	27.0
2 ½ "	75	P1SP07	76.0	90.0	84.0	28.0
3 "	90	P1SP08	91.0	105.0	90.0	31.0
4 "	110	P1SP09	111.0	128.0	104.0	38.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART I)
MAX. WORKING PRESSURE 10kg / cm²

MOULDED SOCKET
(THREADED TYPE)
(Only in P.P.)



AVAILABLE SIZE : ½", ¾", 1"

ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER IS : 8008 - 1976 (PART III)
MAX. WORKING PRESSURE 10kg / cm²

Note :
- Material Code P1 : Polypropylene
- We will also provide in M.O.C.: PVDF/PP-H & P.P.C.P. Natural, for details & Prices Contact us.

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REDUCER

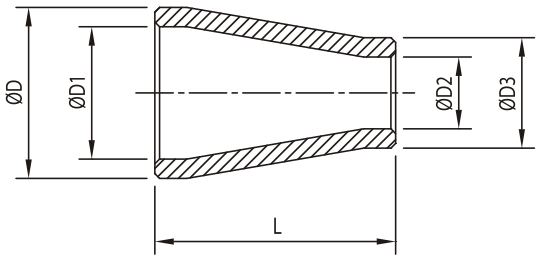
AVAILABLE M.O.C. :

PP (POLYPROPYLENE) | HDPE (HIGH DENSITY POLYETHYLENE)
ISOTACTIC PP | PVDF (POLYVINYLIDENE FLUORIDE)

AVAILABLE SIZE :

1 x ½" (32 MM x 20 MM) to 14" x 12" (355 MM x 315 MM)

REDUCER



SIZE		CODE	ØD	ØD1	ØD2	ØD3	L
IN.	MM						
1 x ½ "	32 x 20	P1R01	32.0	22.0	14.0	20.0	48.0
1 x ¾ "	32 x 25	P1R02	32.0	22.0	17.0	25.0	50.0
1.¼ x ½ "	40 x 20	P1R03	40.0	28.0	15.0	20.0	51.0
1.¼ x ¾ "	40 x 25	P1R04	40.0	28.0	14.0	25.0	53.0
1.¼ x 1 "	40 x 32	P1R05	40.0	28.0	22.5	32.0	55.0
1.½ x ½ "	50 x 20	P1R06	50.0	34.0	12.5	20.0	55.5
1.½ x ¾ "	50 x 25	P1R07	50.0	40.0	20.0	25.0	57.0
1.½ x 1 "	50 x 32	P1R08	50.0	34.0	20.0	32.0	55.0
1.½ x 1.¼ "	50 x 40	P1R09	50.0	34.0	30.0	40.0	57.0
2 x 1 "	63 x 32	P1R10	63.0	45.0	21.0	32.0	76.0
2 x 1.¼ "	63 x 40	P1R11	63.0	45.0	28.0	40.0	85.0
2 x 1.½ "	63 x 50	P1R12	63.0	44.5	32.0	50.0	74.0
2.½ x 1 "	75 x 32	P1R13	75.0	55.0	20.0	32.0	82.0
2.½ x 1.¼ "	75 x 40	P1R14	75.0	54.0	27.0	40.0	60.0
2.½ x 1.½ "	75 x 50	P1R15	75.0	55.0	36.0	50.0	76.0
2.½ x 2 "	75 x 63	P1R16	75.0	55.0	45.0	63.0	84.0
3 x 1 "	90 x 32	P1R17	90.0	70.0	25.0	32.0	78.0
3 x 1.¼ "	90 x 40	P1R18	90.0	67.5	29.0	40.0	80.0
3 x 1.½ "	90 x 50	P1R19	90.0	65.0	39.0	50.0	80.0
3 x 2 "	90 x 63	P1R20	90.0	63.0	49.0	63.0	76.0
3 x 2.½ "	90 x 75	P1R21	90.0	69.0	57.0	75.0	71.0
4 x 1 "	110 x 32	P1R22	110.0	82.0	23.0	32.0	93.0
4 x 1.¼ "	110 x 40	P1R23	110.0	82.0	29.0	40.0	94.5
4 x 1.½ "	110 x 50	P1R24	110.0	82.0	34.0	50.0	91.0
4 x 2 "	110 x 63	P1R25	110.0	82.0	47.0	63.0	95.0
4 x 2.½ "	110 x 75	P1R26	110.0	82.0	52.0	75.0	92.5

SIZE		CODE	ØD	ØD1	ØD2	ØD3	L
IN.	MM						
4 x 3 "	110 x 90	P1R27	110.0	82.0	78.0	91.0	95.0
6 x 2 "	160 x 63	P1R28	160.0	130.0	44.0	63.0	133.0
6 x 2.½ "	160 x 75	P1R29	160.0	131.0	56.0	75.0	128.0
6 x 3 "	160 x 90	P1R30	160.0	131.0	69.0	90.0	127.0
6 x 4 "	160 x 110	P1R31	160.0	131.0	85.0	110.0	132.0
8 x 2 "	200 x 63	P1R32	200.0	163.0	49.0	63.0	198.0
8 x 3 "	200 x 90	P1R33	200.0	163.0	71.0	90.0	197.0
8 x 4 "	200 x 110	P1R34	200.0	163.0	85.0	110.0	197.0
8 x 6 "	200 x 160	P1R35	200.0	163.0	122.0	160.0	198.0
8 x 7 "	200 x 180	P1R36	200.0	163.0	139.0	180.0	197.0
9 x 2 "	225 x 63	P1R37	225.0	182.0	49.0	63.0	197.0
9 x 3 "	225 x 90	P1R38	225.0	182.0	70.0	90.0	196.0
9 x 4 "	225 x 110	P1R39	225.0	182.0	85.0	110.0	197.0
9 x 6 "	225 x 160	P1R40	225.0	182.0	124.0	160.0	196.0
9 x 8 "	225 x 200	P1R41	225.0	182.0	158.0	200.0	197.0
10 x 2 "	250 x 63	P1R42	250.0	200.0	49.0	63.0	196.0
10 x 3 "	250 x 90	P1R43	250.0	203.0	71.0	90.0	196.0
10 x 4 "	250 x 110	P1R44	250.0	200.0	85.0	110.0	196.0
10 x 6 "	250 x 160	P1R45	250.0	201.0	124.0	160.0	196.0
10 x 8 "	250 x 200	P1R46	250.0	201.0	153.0	200.0	196.0
12 x 4 "	315 x 110	P1R47	315.0	254.0	84.0	110.0	212.0
12 x 6 "	315 x 160	P1R48	315.0	257.0	123.0	160.0	212.0
12 x 8 "	315 x 200	P1R49	315.0	255.0	158.0	200.0	212.0
12 x 10 "	315 x 250	P1R50	315.0	257.0	197.0	250.0	212.0

ALL DIMENSIONS ARE IN MM **(±2 MM)**

AS PER IS : 8008 - 1976 (PART V)

MAX. WORKING PRESSURE 10kg / cm²

Note :

- Material Code P1 : Polypropylene
- We will also provide in M.O.C.: PVDF/PP-H & P.P.C.P. Natural, for details & Prices Contact us.

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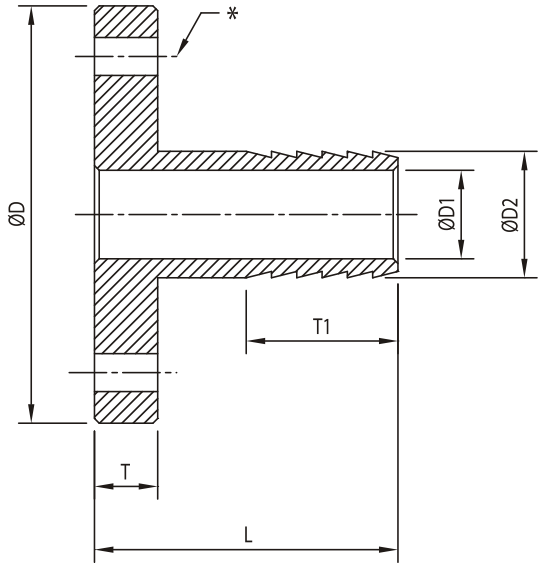
PP HOSE NIPPLES FLANGE END
(Flange End Hose Coller)

* **FLANGE DRILLED**
ANSI B 16.5 (150 CLASS)
BS 10 TABLE D
BS 10 TABLE E
BS 10 TABLE F
DIN. STD

AVAILABLE SIZE :
1 x ¾" (32 MM x 25 MM) to 4" x 4" (100 MM x 100 MM)

PP HOSE NIPPLES
(Flange End Type)

SIZE		CODE	ØD	ØD1	ØD2	L	T	T1
IN.	MM							
1 x ¾ "	32 x 25	P1HNF01	129.0	13.5	21.5	100.0	19.0	44.0
1 x 1 "	32 x 32	P1HNF02	130.0	19.0	27.0	100.0	21.0	51.0
1.½ x 1 "	50 x 32	P1HNF03	140.0	19.0	26.0	100.0	20.0	50.0
1.½ x 1.¼ "	50 x 40	P1HNF04	140.0	22.0	33.0	120.0	21.0	55.0
1.½ x 1.½ "	50 x 50	P1HNF05	140.0	27.0	40.0	120.0	18.0	65.0
2 x 1 "	63 x 32	P1HNF06	162.0	17.5	26.0	127.0	22.0	50.0
2 x 1.¼ "	63 x 40	P1HNF07	162.0	22.0	34.0	120.0	22.0	60.0
2 x 1.½ "	63 x 50	P1HNF08	162.0	27.0	40.0	120.0	22.0	60.0
2 x 2 "	63 x 63	P1HNF09	162.0	35.5	51.5	120.0	22.0	57.0
3 x 1.½ "	90 x 50	P1HNF10	198.0	27.0	39.0	134.0	25.0	55.0
3 x 2 "	90 x 63	P1HNF11	198.0	34.0	52.0	134.0	25.0	55.0
3 x 3 "	90 x 90	P1HNF12	198.0	53.0	75.0	138.0	25.0	65.0
4 x 2 "	110 x 63	P1HNF13	226.0	35.0	51.0	140.0	25.0	50.0
4 x 3 "	110 x 90	P1HNF14	226.0	60.0	76.0	140.0	25.0	50.0
4 x 4 "	110 x 100	P1HNF15	226.0	81.5	101.0	140.0	25.0	50.0



ALL DIMENSIONS ARE IN MM **(±2 MM)**
AS PER MANUFACTURER STANDARD

Note :
- Material Code P1 : Polypropylene
- We will also provide in M.O.C.: PVDF/PP-H & P.P.C.P. Natural, for details & Prices Contact us.

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ENGINEERING PRODUCTS

P. P. IMPELLER

AVAILABLE M.O.C. : P.P.C.P. **AVAILABLE SIZE :** 18"

SCOOP

AVAILABLE M.O.C. : P.P.C.P.

FILTER PRESS COKE WITH RUBBER

AVAILABLE M.O.C. : P.P.C.P.

SCRAPPER

AVAILABLE M.O.C. : P.P.C.P., PVDF

POLE RINGS (Tower Packing)

AVAILABLE M.O.C. : P.P.C.P. **AVAILABLE SIZE :** 1", 1½", 2", 3"

SPADE

AVAILABLE M.O.C. : P.P.C.P.

CHEMICAL DRYER TRY

AVAILABLE M.O.C. : P.P.C.P. **AVAILABLE SIZE :** 16" X 32" X 1¼"

SHOWEL WITH HANDLE

AVAILABLE M.O.C. : P.P.C.P.

Note :
We will also provide in M.O.C.: PVDF/PP-H
& P.P.C.P. Natural, for details & Prices Contact us.

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ENGINEERING PRODUCTS

ELECTRO PLATING FILTER PLATE

AVAILABLE M.O.C. : P.P.C.P.

NUT - BOLT & WASHER

AVAILABLE M.O.C. : P.P. / GLASS FILLED / PVDF

MIRROR AND WELDING GUN

SAMPLER

OTHER PRODUCTS

PP MOULDED FITTINGS

COOLING TOWERS NOZZLES

PP LEVEL INDICATOR ASSEMBLY SET

AVAILABLE SIZE : ½", ¾", 1"

HDPE 6" LENGTH NIPPLE

(Both Side Threaded)

AVAILABLE SIZE : 1", 1½", 2"

Note :
We will also provide in M.O.C.: PVDF/PP-H
& P.P.C.P. Natural, for details & Prices Contact us.

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BUTT FUSION WELDING PROCESS

SECURE : Clean the inside and outside of the component (pipe on fitting) ends by wiping with a clean, dry, lint-free cloth or paper towel. Remove all foreign matter. Align the components with the machine, place them in the clamps and then close the clamps. Do not force pipes into alignment against open fusion machine clamps. (When working with coiled pipe, if possible "S" the pipes on each side of the machine to compensate for coil curvature and make it easier to join.) Component ends should protrude past the clamps enough so that facing will be complete. Bring the ends together and check high-low alignment. Adjust alignment as necessary by tightening the high side down.

FACE : Place the facing tool between the component ends, and face them to establish smooth, clean, parallel matting surfaces. Complete facing produces continuous circumferential shavings from both ends. Face until there is a minimal distance between the fixed and movable clamps. Some machines have facing stops. If stops are present, face down to the stops. Remove the facing tool and clear all shavings and pipe chips from the component ends. Do not touch the component ends with your hands after facing.

ALIGN : Bring the component ends together, check alignment and check for slippage against fusion pressure. Look for complete contact all around both ends with no detectable gaps, and outside diameters in high-low alignment. If necessary adjust the high side by tightening the high side clamp. Do not loosen the low side clamp because components may slip during fusion. Re-face if high-low alignment is adjusted.

MELT : Verify that the heating tool is maintaining the correct temperature. Place the heating tool between the component ends, and move the ends against the heating tool. The initial contact should be under moderate pressure (known as contact pressure) to ensure full contact. Hold contact pressure very briefly then lower to drag pressure without breaking contact. Contact pressure must be relieved at the first indication of melt completely around the pipe ends. Procedures for releasing the pressure in the hydraulic cylinder that creates interfacial pressure vary by manufacturer. Review the equipment manufacturers recommended procedure to ensure that only drag pressure is applied during the soak cycle. Hold the ends against the heating tool using only drag pressure. Beads of melted polyethylene will from against the heating tool at the component ends. When the proper melt bead size is formed, quickly separate the ends and remove the heating tool.

JOIN : Immediately after heating tool removal. QUICKLY inspect the melted ends, which should be flat, smooth, and completely melted. If the melt surface are acceptable, immediately and in a continuous motion, bring the ends together and apply the correct joining pressure is desirable. Apply enough joining pressure to roll both melt beads over to the pipe surface. A concave melt surface is unacceptable, it indicates pressure during heating. Do not continue.

• The correct joining pressure will from a double bead that is rolled over to the surface on both ends.

HOLD : Hold joining pressure against the ends until the joint is cool. The joint is cool enough for GENTLE handling when the double bead is cool to the touch. Cool for about 30-90 seconds per inch of pipe diameter. Do not try to shorten cooling time by applying water, wet cloths or the like.

INSPECT : On both sides, the double bead should be rolled over to the surface, and be uniformly rounded and consistent in size all around the joint. As illustrated in Figure 3, the double bead width should be 2 to 2-1/2 times its height above the surface, and the v-grove depth between the beads should not be more than half the bead height.

• When butt fusing to mold fittings, the fittings side bead may have an irregular appearance. This is acceptable provided the pipe side bead is correct.

• It is not necessary for the internal bead to roll over the inside surface of the pipe.

• When butt fusing pipe of dissimilar polyethylene materials, melt bead size may very due to difference in melt index. This is acceptable provided the melt bead size is sufficient.

NOTES

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