



We add another feathers in our crown



DINESH PLASTIC PRODUCTS

Quality is Our Qualification

Our Dream Our Reality

We are leading manufacturer of DPP brand thermoplastic valves. Established in 1975, our Company has grown steadily, with a strong foundation of technical, commercial and production facilities.

Our Company has a team of enterprising working partners and a dedicated workforce. This has consistently contributed to up gradation in products, quality, size, range, production capacity, new developments and innovation. DPP processes in excess of 100 TPA of various thermoplastics only in the manufacture of valves.

Today, DPP manufactures a wide range of valves from high quality imported thermoplastics.

Our greatest pride and satisfaction is in the fact that several hundreds of our customers have standardized on our products, which is evident from the regular repeat orders we receive and that almost all Consultants specify DPP when a new project or an expansion requires PP, HDPE or PVDF valves. Also our new range of Metallined Valves.

We, at DPP believe that our quality, growth and overall development is not by accident; but it is a result of intelligent foresight, determined efforts, dedicated team work and above all due to the inspiration and encouragement from our valued customer and our engagement with Consultancy Companies.

PFA/FEP Lined Valves

Construction of Material

Casting Material Specifications

Cast Iron	: IS 210, G.R.- F. G.-200
Ductile Iron	: ASTM A395
Cast Steel	: ASTM A216, G.R.-WCB
S. S. 304	: ASTM A351 CF8
S. S. 304L	: ASTM A351 CF3
S. S. 316	: ASTM A351 CF8M
S. S. 316L	: ASTM A351 CF3M
Alloy 20	: ASTM A351 CN7M

Design Standard

Ball Valve, 2 Pieces:	BS 5351, Short / Long Pattern.
Ball Valve, 3 Pieces:	BS 5351, Long Pattern
Plug Valve	: BS 5351, Short Pattern
Diaphragm Valve	: BS 5156
Butterfly Valve	: As per manufacturer's std.
Ball check Valve	: BS 5351, Short Pattern As per manufacturer's std.

Standard Resin Specifications

PFA	: ASTM D 3418
FEP	: ASTM D 2116

Service Temperature

PFA	
Maximum continuous service temperature:	265°C
Melt point	: 305°C
FEP	
Maximum continuous service temperature:	200°C
Melt point	: 260°C

Lining Thickness

Minimum Lining thickness would be 3.0 mm over all wetted portion.

Chemical Inertness

PFA / FEP is chemically inert to most of the all chemicals and solvents with the exception of molten alkali metals. all solvents, all bleaches, all peroxides, all phenols and any combinations of above materials.

PFA / FEP lined valves are used to convey, and are inert to, these chemicals: All acids including hydrofluoric, sulphuric and aqua regia, all caustic, all chlorides organic and inorganic, all solvents, all bleach solutions, all peroxides, all phenols and any combinations of above materials.

Combined with the chemical inertness of PFA / FEP is its unique non-stick property. Thus a PFA / FEP lined products eliminate or minimize the built up of deposits of the products which otherwise reduce flow and affect processing operations.

Finish

- The interior surface of all valves are clean and free of mold burrs, rust, scale or others that may adversely affect the performance of lining.
- The exterior surface of all valve bodies are be cleaned by sand / shot blasting and painted by 1 coat of Epoxy primer and 2 coats of Polyurethane Top coat

Products Inspection and Testing

Hydrostatic Pressure

Body Test : 10 Kg/Cm2
Seat Test : 10 Kg/Cm2
(Hydrostatic pressure at room temperature using clean water.)

Electrostatic Pressure

Non-destructive high-voltage test at an output voltage of 10,000 V. When electric contact is made, a visible/ audible spark or both occur at the probe if there is any defect in lining.

Visual Inspection

All surfaces are free from blister, porosity or any other defect. All checks / tests are conducted before shipment.

Storage and Transport

- Each end of valve is protected by specially made rubber cap so that products are capable to withstand normal handling during transport.
- All the materials are supplied with export wooden case or card box packing depending upon the weight and mode of shipment.

Presenting New Premium Products

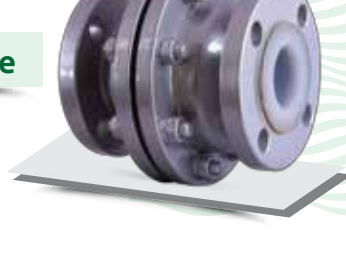
Ball Valve



Technical Details

Design	: Two piece
Standard:	BS 5351, Short Pattern
Size	: 15mm to 150mm
Body	: Graded CI/DI/WCB/SS+PFA/FEP/PVDF Lined
Ball	: DI/WCB/SS+PFA/FEP/PVDF Lined
Drilling	: As per your requirement
Testing	: Hydro-test-For Body and Seat both @ 10 Kg/cm2 Spark test-10 KVA DC

Ball Check Valve



Technical Details

Design	: Two piece
Standard:	BS 5351, Short Pattern
Size	: 15mm to 250mm
Body	: Graded CI/DI/WCB/SS+PFA/FEP/PVDF Lined
Ball	: Solid PTFE
Drilling	: As per your requirement
Testing	: Hydro-test-For Body and Seat both @ 10 Kg/cm2 Spark test-10 KVA DC

Technical Details
Design: Two piece
Standard: As per Manufacturer
Size: 50mm to 600mm
Body: Graded CI/DI/WCB/SS+PFA/FEP/PVDF Lined
Ball: As per your requirement
Drilling: As per your requirement
Testing: Hydro-test-For Body and Seat both @ 10 Kg/cm2
Spark test-10 KVA DC



Butterfly Valve

Plug Valve



Technical Details

Design	: Single piece
Standard:	BS 5351, Short Pattern
Size	: 15mm to 300mm
Body	: Graded CI/DI/WCB/SS+PFA/FEP/PVDF Lined
Ball	: DI/WCB/SS+PFA/FEP Lined
Drilling	: As per your requirement
Testing	: Hydro-test-For Body and Seat both @ 10 Kg/cm2 Spark test-10 KVA DC

Technical Details
Design: Two piece
Standard: F-F:BS 5156
Size: 15mm to 300mm
Body: Graded CI/DI/WCB/SS+PFA/FEP/PVDF Lined
Bonnet: Graded CI/DI/WCB/SS
Drilling: As per your requirement
Testing: Hydro-test-For Body and Seat both @ 10 Kg/cm2
Spark test-10 KVA DC



Diaphragm

Y-Type Strainer



Technical Details

Design	: Single piece
Size	: 25mm to 200mm
Body	: Graded CI/DI/WCB/SS+PFA/FEP/PVDF Lined
Flange	: Graded CI/DI/WCB/SS
Screen	: 40/100 Mesh PTFE
Drilling	: As per your requirement
Testing	: Hydro-test-For Body and Seat both @ 10 Kg/cm2 Spark test-10 KVA DC

Pipe



Tee



Elbow



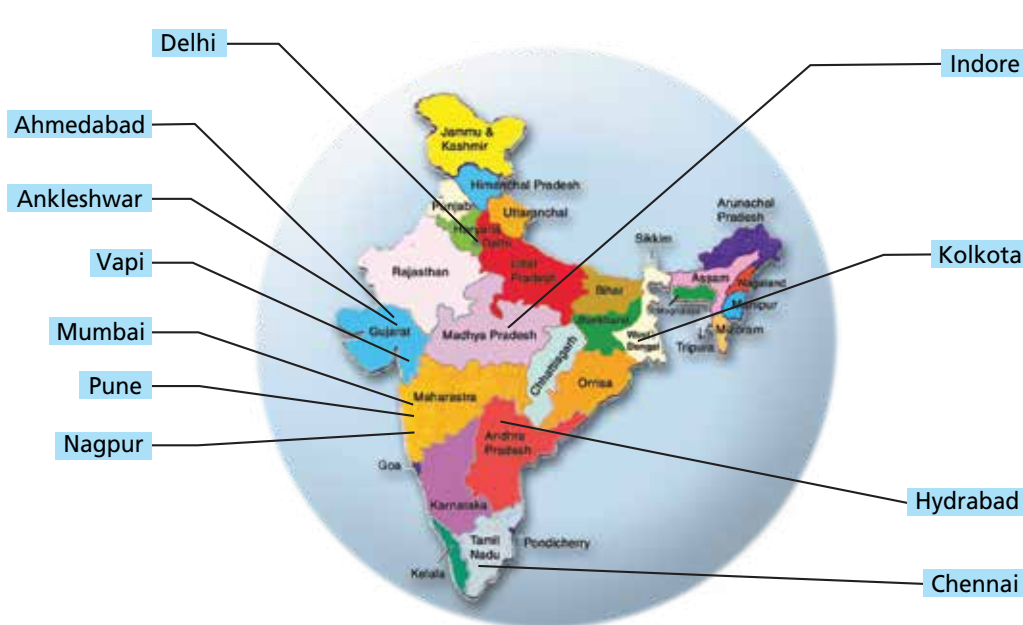
Reducing Tee



Technical Details

Size	: 25mm to 300mm
Standard:	ASTM F 1545
MOC	: CS/SS + PFA/FEP/ PVDF Lined

Our Representatives Location



Our customer like our family member



... and many more



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