



An Obvious Choice

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#### **BALL VALVE**

We are Manufacturing Lined Ball Valve, available from 25 mm NB to 200 mm NB. The interior body surface as well as the Stem and Ball are lined as individual components lined the Ball is fully encapsulated.

The anti blow-out stem assembly prevents a stem blow-out even when the top gear is disassembled. Valves are supplied with anti-static devices, which provide protection against potentially dangerous electro - static discharge. Ball Valve such as low torque, quarter - turn operation, bubble tight shut off and a minimum pressure drop.



#### **DIAPHRAGM VALVE**

Diaphragm Valve are engineered to the top tough work environment of the chemical processing, pharmaceuticals, corrosive industries etc. We have special design bonnet which separates working valve parts from abrasive fluid and gases so that the process media only come in contact with the body, lining and diaphragm.



#### **BUTTERFLY VALVE**

Butterfly Valve provides excellent chemicals resistance through the use fluoro polymer lined body and disc, many features have been added to this valve as standard features to elevate butterfly valve level of design, reliability & performance. Butterfly Valve is available size 25 mm to 300 mm.



#### **PLUG VALVE**

Plug Valve are lined Non corrosive polymer and it can resist against any type of chemicals and various temperature, available from 25 mm NB to 150 mm NB Valves are virtually unaffected by changes in processing temperature or chemical concentration. In-fully-line valve, the fluorocarbon lining is locked into the valve body.



#### **FLUSH BOTTOM VALVES**

Flush Bottom Valve has been designed for use in highly corrosive and toxic liquid services. The heavy duty construction of this valve features a cast ductile iron body with corrosion resistant fluoro polymer lining is suitable for high temperature applications. We can supply as both a manual or an automated valve, increasing the flexibility of this device to address your tank draining requirements, The valve available 50 mm x 75 mm, 100 mm x 75 mm sizes.

## PTFE LINED PIPES & HOSE PIPE

PTFE Lined Piping comprises a seamless, thermally locked in Liner to minimize the adverse effects of differential thermal expansion between the liner and the steel.

### Specifications :

- Size : From 1" to 6"  
Pipe : Carbon Steel ASTM A-106, SCH - 40 Seamless, SS 304, SS316  
Flange : ASTM A-105 as per ANSI B 16.5 # 150 class / DIN PN 16  
Lining : PTFE as per ASTM D-1457 Minimum 3.0 mm thickness



LINED PIPE

## PTFE, FEP / PFA LINED PIPE FITTINGS

- Face to Face : ANSI B-16.5 # Class 150  
Shell Material : SGI/DI ASTM A-395, C.S, Graded Cast Iron, SS 304, SS 316  
Pipe : Seamless, Carbon Steel ASTM A-106, Sch 40  
Lining : PTFE : ASTM D-1457, FEP : ASTM D-2116, PFA : ASTM D-3307



LINED ELBOW

## SIZES AVAILABLE

- |                                    |                        |
|------------------------------------|------------------------|
| ★ Elbow 90 Degree, 45 Degree       | Size : 25 NB to 150 NB |
| ★ Equal Tee, Un Equal Tee, Cross,  | Size : 25 NB to 300 NB |
| ★ PFA / FEP lined Reducing Flanges | Size : 25 NB to 400 NB |
| ★ PFA / FEP Lined Reducer          | Size : 25 NB to 500 NB |
| ★ PFA / FEP Lined Sight Glass      | Size : 25 NB to 300 NB |
| ★ PFA / FEP Lined Mani Fold        | Size : 25 NB to 150 NB |



LINED TEE, CROSS



LINED REDUCING FLANGES



REDUCER



BELLOWS

## GENERAL SPECIFICATION

- |                  |   |
|------------------|---|
| Casting Body     | : Graded Casting, M.S. Casting                                  |
| Lining Material  | : PTFE, FEP, PFA, PVDF, ETFE, PCTEF, PP, HDPE, Other on Request |
| Lining Thickness | : 3.5 mm minimum  |

## Taurus Engineering Industries

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