



PTFE LINED PLUG VALVE

Description

Flow-Tech Valves and Engineers PTFE Lined Plug Valve use high precision casting method for all major pressure holding components. We offer Carbon Steel (ASTM A 216 Gr. WCB) and Stainless Steel (ASTM A 351 Gr. CF8 / CF8M) body, plug and cover

Flow-Tech Valves and Engineers PTFE Lined Plug Valve feature an unpigmented virgin PFA lining applied

by Transfer Molding and locked into castings by machined dovetail-shaped

grooves, and cast dovetail-shaped recesses in body castings and cast holes.

Locked In liner in our ptfе lined plug valve prevents liner collapse in vacuum conditions and also prevents blow out in high temperature and pressure combined conditions

By design PTFE Lined Plug Valves are cavity-free both in open and closed positions which ensures no particle accumulation and makes them Ideal for corrosive slurry applications

Salient Features of Flow-Tech Valves and Engineers PTFE Lined Plug Valve :

Cavity Less High Performance Design

Zero Leakage (Class VI Leakage Rate) due to large sealing area

Unique Lining makes it Fully Locked from Top, Bottom & Port.

Totally Maintenance Free Design.

Ensures low pressure drop with higher flow rate



Technical Specifications

- 1) Design Standard : BS 5158 :1989
- 2) Testing Standard : BS EN 12266-1&2 (2003)
- 3) Size Range : 15 mm to 200 mm
- 4) Flange : As per ANSI B16.5 / B16.42, ASA #150 / DIN 2632 / 2633 / BS 10 Table D, E or F / Customer Specified.
- 5) Face to Face : ANSI B 16.10
- 6) Lining Thickness : 3 to 5 mm
- 7) Body / Plug M.O.C. : Ductile Iron GGG40.3 / ASTM A395, Cast Steel ASTM A216 Gr.WCB, ASTM A351 Gr. CF8 (S.S.304), ASTM A351 Gr. CF8M (S.S.316)
- 8) Lining Material Options : PFA – ASTM D 3307, FEP – ASTM D 2116
- 9) Dimensions : As per BS EN 558-2 Table-6, Series 3.
- 10) Test and Inspection : Hydraulic Test : Body (Shell) – 20 Kg/Cm, Seat – 10 Kg/Cm, Pneumatic Test : Seat – 6 Kg/Cm
- 11) Spark Test : 15 K.V.D.C.
- 12) Operation : Gear Box, Pneumatic Actuator, Electro-Pneumatic Valve Positioner, Pneumatic Valve Positioner, Electrical Actuator, Solenoid Valve, Limit Switch, Air Filter Regulator
- 13) Optional Design & Components : Anti-static Clip, Jacketed Plug Valve Design, Sleeved Plug Valve Design

manufacturer of ptfе lined plug valve in India, manufacturers of pfa lined plug valve in India