

PTFE Lined Ball Valve



- Ball valve body will be 2 Pc Design, SG Iron casting + FEP/PFA lined.
- Ball with integral stem will be ASTM A216 Gr. WCB + FEP/PFA lined.
- Ball valve seat ring will be PTFE.
- All the flanges of valve will be 150# & drilling as per ANSI B 16.5.
- Size Range : 15 mm to 200 mm
- Hydro Test Body @ 16 kg/cm² & Seat @ 10 Kg/cm² after lining.

PTFE Lined Butterfly Valve



- Butterfly valve body will be split type & SG Iron casting.
- Disc with integral spindle base material will be S.S.304 + FEP/PFA lined.
- Butterfly valve seat will be FEP/PFA up to 200NB then PTFE.
- Butterfly valve Elastomer rubber back up will be Silicone rubber / PTFE.
- Size Range : 50 mm to 300 mm
- Hydro Test Body @ 11 kg/cm² & Seat @ 06 Kg/cm² after lining.

PTFE Lined Plug Valve



- Plug valve body (Bottomless) & cover will be SG Iron
- Plug will be MS & lined with FEP/PFA.
- Plug valve diaphragm will be PTFE.
- All flanges of valve 150#, & drilling as per ANSI B16.5.
- Size Range : 25 mm to 200 mm
- Hydro Test Body @ 16 kg/cm² & Seat @ 10 Kg/cm² after lining.

PTFE Lined Diaphragm Valve



- Diaphragm valve will be hand wheel operated & Indicating stem type.
- Diaphragm valve body will be SG Iron + FEP/PFA lined.
- Diaphragm valve bonnet, hand wheel will be SG Iron
- Compressor will be MS & spindle will be SS304.
- Diaphragm will be PTFE with EPDM rubber back up Pin type.
- All the flanges of valve will be 150# & drilling as per ANSI B 16.5.

PTFE Lined Ball Check Valve



- Ball type check valve will be two piece design and vertical mounting type.
- Ball type check valve will be SG Iron + FEP/PFA lined.
- Ball type check valve ball will be solid PTFE.
- All flanges of valve will be 150#. & drilling as per ANSI B 16.5.

PTFE Lined Wafer Check Valve



- Check valve body should be SG Iron casting lined with FEP/PFA.
- Check valve flap/disc will be FEP/PFA.
- Check valve body seat will be FEP/PFA.
- F to F will be as per ANSI B 16.10 suitable to fit between ANSI B16.5 flanges.
- Hydro Test Body @ 28 kg/cm² & Seat @ 06 Kg/cm² after lining.

Note :

- All wetted parts of valve & raised portion of flange will be lined with FEP/PFA.
- FEP withstands max. 180°C. temperature.
- PFA Withstands max 230°C. temperature.
- FEP/PFA lining thickness will be minimum 3.20mm.
- Spark Test at 15 KV for all lined parts