

Teflon Expansion Joint & Hose

PTEE lined rubber expansion joints shall be constructed and supplied as sphere & spool type, with the addition of a white PTFE liner. Liner shall follow the arch corrugation of the expansion joint and must be free of scoring or blemishes.

Design Condition :

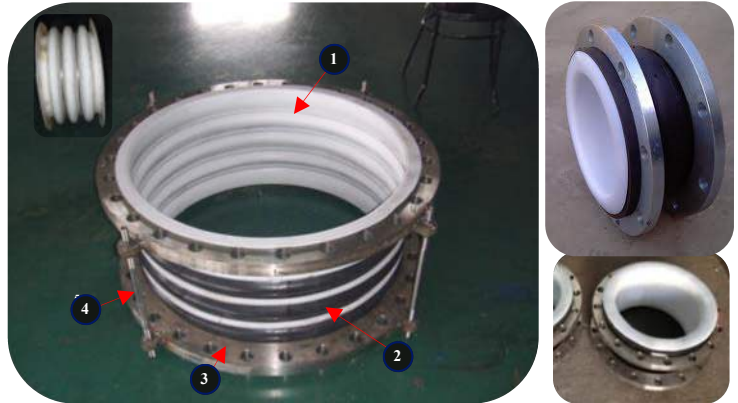
- Size ID : up to 1200A (48")
- Design Temp. : 100° C
- Design Pressure : up to 16 bar

Construction & Material :

1. Tube : PTFE / PFA
2. Cover : IR, CR, EPDM, CSM
3. End Flanged : SS304, SS316
4. Tie Rods : SS400, SS304

* Flange drilling : JS10K, ANSI 150#, PN10/16

Type TFT100



PTFE lined flexible metal hoses are to be used to connect chemical pipelines to chemical tank inlet and outlet.

Connectors shall be constructed using SS300 series. A thick PTFE smooth / convolute bore liner shall be placed inside of the bore of the hose and heat-flared over the stub ends. All wetted surfaces shall be PTFE.

Design Condition :

- Size ID : up to 600A (24")
- Design Temp. : 100° C
- Design Pressure : up to 20 bar

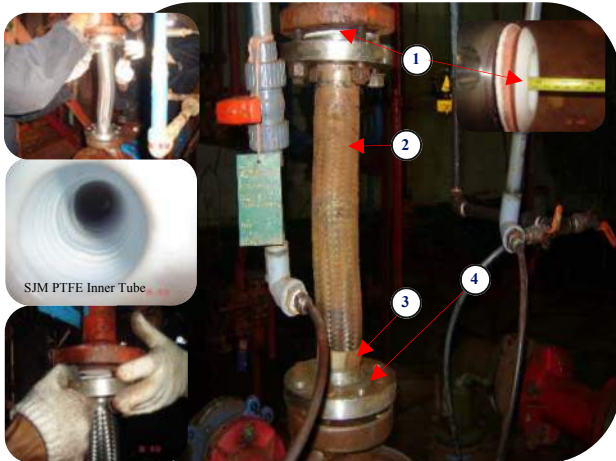
Construction & Material :

1. Tube : PTFE / PFA
2. Wire Braided : SS304, SS316
3. End Flanged : SS304 , SS316
4. Tie Rods : SS400, SS304

* Flange drilling : JS10K, ANSI 150#, PN10/16



Type TFT200



PTEE lined metallic expansion joints shall be constructed and supplied as metallic expansion joint, with the addition of a white PTFE liner. Liner shall follow the arch corrugation of the expansion joint and must be free of scoring or blemishes.

Connectors shall be constructed using SS300 series. A thick PTFE smooth / convolute bore liner shall be placed inside of the bore of the hose and heat-flared over the stub ends. All wetted surfaces shall be PTFE.

Design Condition :

- Size ID : up to 600A (24")
- Design Temp. : 100° C
- Design Pressure : up to 20 bar

Construction & Material :

1. Tube : PTFE / PFA
2. Cover : SS304 (L), SS316 (L)
3. End Pipe : SS304 (L), SS316 (L)
4. End Flanged* : SS304, SS316
5. Tie Rods : SS400, SS304

* Flange drilling : JS10K, ANSI 150#, PN10/16

Type TFT300

