

# 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 :

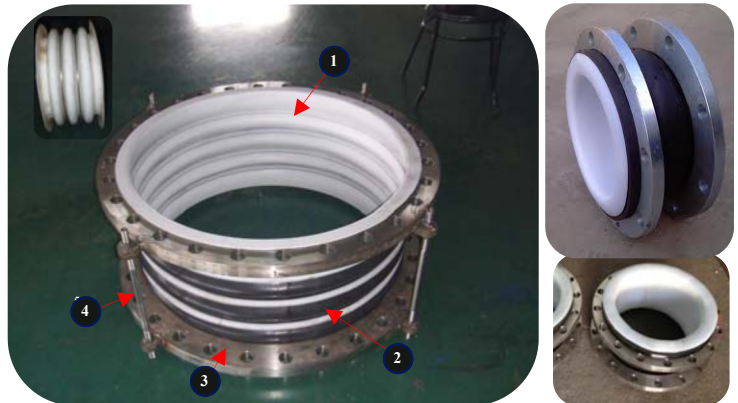
- Size ID : up to 1200A ( 48" )
- Design Temp. : 100° C
- Design Pressure : up to 16 bar

## 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

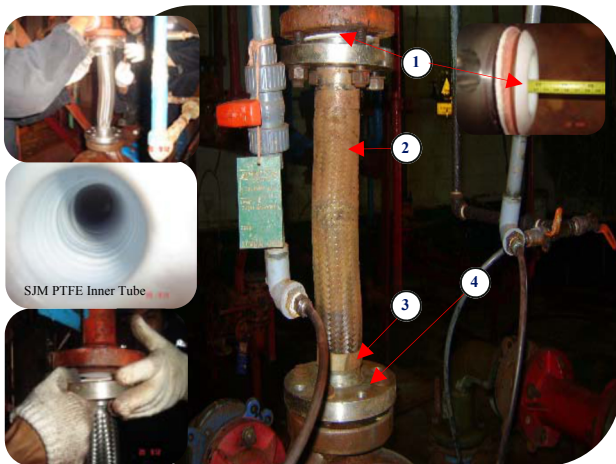
## Construction & Material :

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



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