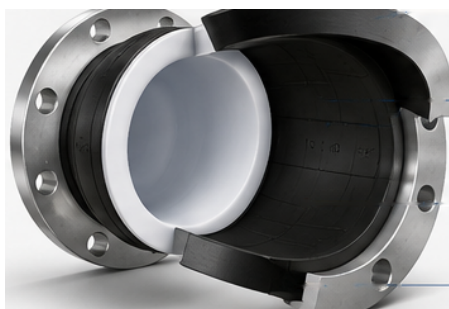


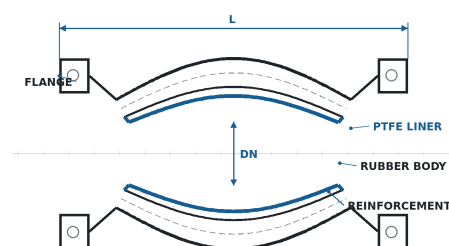


PTFE-Lined Rubber Expansion Joint

Corrosive-service flexible rubber joint | Standard stock + fast custom production



PTFE-lined wetted interface with flexible rubber body



Schematic reference - final liner, rubber body, dimensions and flange configuration follow the approved project drawing

Schematic construction & dimension reference

Key Supply & Configuration Data

PTFE Lining	PTFE wetted liner for selected chemical and corrosive-media service
Rubber Body	NR / EPDM / CR / IIR / NBR / FKM; selected to service requirements
Size	Standard sizes + custom dimensions to customer or project drawings
Flange Standards	GB / DIN / EN / ANSI / ASME / JIS / BS
Flange Material	Carbon steel / stainless steel / project-specific options
Pressure	Common 0.6 / 1.0 / 1.6 MPa classes; project-specific options
Movement	Axial compression / axial extension / lateral / angular
Production	Common configurations in stock + fast custom production

Stock & Custom Production

- Common sizes and configurations are kept in stock for immediate shipment.
- Custom configurations can enter production once drawings and specifications are confirmed.
- PTFE lining, rubber compound, flange, dimensions and movement can be configured to project requirements.



Standard Dimensions & Movement Reference

Common single-sphere PTFE-lined configuration reference. Final values are confirmed for the selected construction.

Standard Body Lengths

All dimensions in mm

DN	Inch	Std. H	Opt. H1	Opt. H2	Opt. H3
25	1	95	130	-	-
32	1.25	95	130	150	200
40	1.5	95	130	150	200
50	2	105	130	150	200
65	2.5	115	130	150	200
80	3	135	130	150	200
100	4	150	130	150	200
125	5	165	130	150	200
150	6	180	130	150	200
200	8	210	130	150	200
250	10	230	130	150	200
300	12	245	130	150	200

Typical Movement Reference

Reference range for common configurations. Final movement is confirmed with liner, rubber compound, size and operating conditions.

Axial Compression
9-26 mm

Axial Extension
6-18 mm

Lateral Movement
9-24 mm

Angular Deflection
15 deg

Chemical-Service Selection

- Medium / chemical name
- Concentration where relevant
- Working pressure & temperature
- Movement / installed length
- Flange standard / material
- Quantity / drawing if available

Fast Supply

- Common sizes: immediate shipment.
- Custom: production scheduling after drawing/specification confirmation.
- Flange standards: GB / DIN / EN / ANSI / ASME / JIS / BS.

Material note: PTFE lining suitability must be confirmed for the actual medium, concentration, temperature and pressure.
For detailed technical requirements, custom configurations or project questions, please contact us.