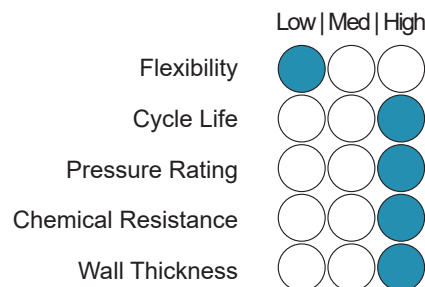


Single sphere rubber expansion joint

Product Features

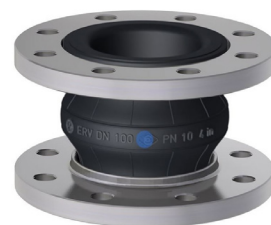
1. Reduce vibration
2. Suppress sound transmission
3. Compensate for lateral, torsional and angular displacement
4. Compensate for axial expansion and contraction caused by thermal changes or hydraulic surge
5. Most economical flexible connector



Introduction

Rubber expansion joints are flexible connectors made of natural or synthetic elastomers, reinforcement layers, and flange connections. They are used to relieve stresses caused by high temperature, mechanical vibration or displacement in piping systems.

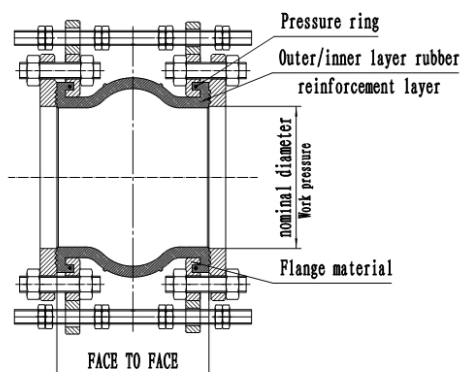
Their outstanding performance characteristics include: flexibility and axial/lateral movement capability from single-arch or multi-arch structures, vibration and noise isolation, as well as wear resistance and chemical corrosion resistance.



Specifications

No.	Description	Material
1	Internal rubber layer	IIR,CR,EPDM,NR,NBR
2	External rubber layer	IIR,CR,EPDM,NR,NBR
3	Casing ply	Polyester cord fabric
4	Flange	Q235A,Stainless steel
5	Strengthening ring	Q235A

Note: Above materials meets Chinese standard GB. Standard can be changed according to your requirements.



Application

Single sphere rubber expansion joint are widely used for a large number of industrial applications including:

- Power Plants
- Boiler Systems
- Flue Gas
- Nitrogen Oxide Reduction
- Gas Turbines
- Nuclear Power Plants
- Incinerator Plants
- Cement Industry
- Filter Systems
- Ventilators
- Ventilation Systems
- Dust Extraction Systems
- Offshore Installations
- Chemical Industry