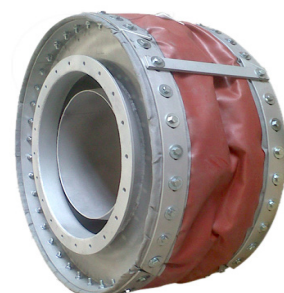


(Fabric Expansion Joint) Round

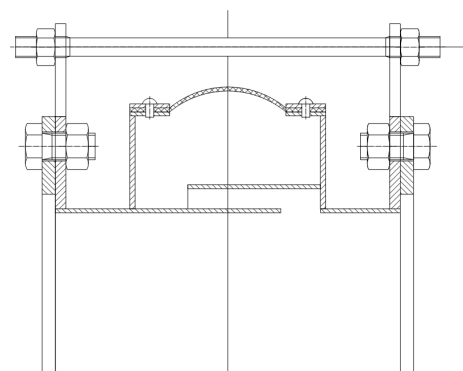
Product Features

1. Compensate large movements (Axial, Lateral, Angular, Torsion)
2. No limits in dimensions
3. Low cost of raw materials
4. Low cost of Installation and Maintenance
5. Light and Handy (reduced load for the ducts and safe for the staff)



Construction

The Round Fabric Expansion Joint is a high-performance flexible connector composed of rubber-fiber composites, steel flanges, and insulation materials, designed to provide superior sealing, noise reduction, and vibration isolation for fans and duct systems. It effectively accommodates multi-axis thermal displacement and resists harsh media, offering a more durable and eco-friendly alternative to traditional welded joints that frequently suffer from stress cracking in demanding environments like power plant boilers.



Parameter List

The Technical Specifications of Fabric Expansion Joint(Round)		
Parameter	Standard Value	Optional
Temprature Range	-35 °C to +575°C	Up to +1000°C (with special design)
Pressure Range	-0.35 to + 0.35 bar	Higher on Request
Diameter Range	DN100 up tp DN10000+	No practical Upper Limit
Length	Project Specific	As Required
Movment Axial	Up to 215 mm	More with Special Design
Movement Lateral	Up to 85 mm	More with Special Design
Radial/Angular	Consult Totflex for combined/Large-diameter movement solutions	
Note: Above information based on the Devel factory standard. Other technical required can be reache		