

(Fabric Expansion Joint) Rectangular

Product Features

1. Designed for Real Movement
2. Unmatched Chemical and Thermal Defense
3. Low System Stress
4. Precise, Custom Engineering
5. Fast Installation, Simple Maintenance
6. Quality You Can Trust



Construction

Use:

Devel® can manufacture Composite Fabric Expansion Joint for low pressure ducting applications.

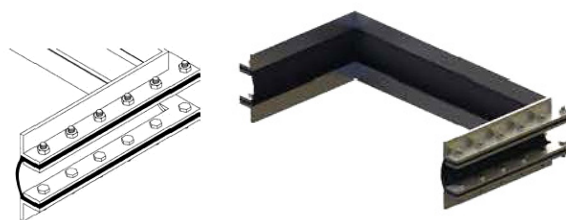
Fabric Expansion Joints utilize a composite fabric material as the flexible element of the expansion joint. They are typically used in low-pressure ducting applications to compensate for misalignment, vibration and thermal growth. Fabric expansion joints can be designed with composite fabric with integral insulating layers or separate insulation pillows to handle temperatures in excess of 1000°F.

Fabric Expansion joints can used to compensate thermal growth in ducting and misalignment without the spring loads typically associated with metal expansion joints. Fabric expansion joints can also absorb large lateral movements or misalignments. Additional components, like flow liners, insulation blankets and accumulation barriers can be added to the fabric expansion joint depending on the application and service.

Specifications

Fabric expansion joints 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



The implementation of fabric expansion joints provides a number of advantages, which are technically and economically important:

- Extremely flexible absorbing large movements
- Absorbing different movements simultaneously
- Only requiring a limited building length
- Lightweight
- Easy to handle, store, install, repair and replace
- Does not transmit noise or vibrations.
- Reducing the necessary strength of fix-points and supports
- Non corroding
- Dimensionally stable
- Cost effective

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.		