# Fabric Expansion Joints (FEJ)

## Fabric Expansion Joint - FEJ

**Part No.:** FEJ
**Construction:** Smoothbore
**Material:** PVC, Neoprene, Hypalon, Butyl, Silicone, Viton, PTFE, Polyester
**Cuff Styles:** Rectangular, Circular
**Size Available:** 4" to 80"
(Larger sizes upon Request)
**Temperature:** -45°C +1200°C

| | Low \| Med \| High |
|---|---|
| Flexibility | ● ○ ○ |
| Cycle Life | ○ ○ ● |
| Pressure Rating | ○ ○ ● |
| Chemical Resistance | ○ ○ ● |
| Wall Thickness | ○ ○ ● |

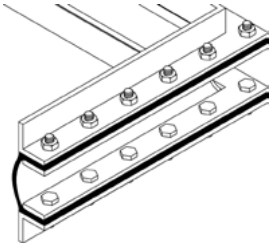
## Construction

**Use:**
Non-metallic expansion joints are flexible connectors designed to provide stress relief in ducting systems by absorbing movement caused by thermal changes. They also act as vibration isolators, stock absorbers and in some instances to make up for minor misalignment of adjoining ducting or equipment. Non-metallic expansion joints solve problems caused by the thermal and mechanical stresses generated in these complex systems.

## 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

## Applications

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