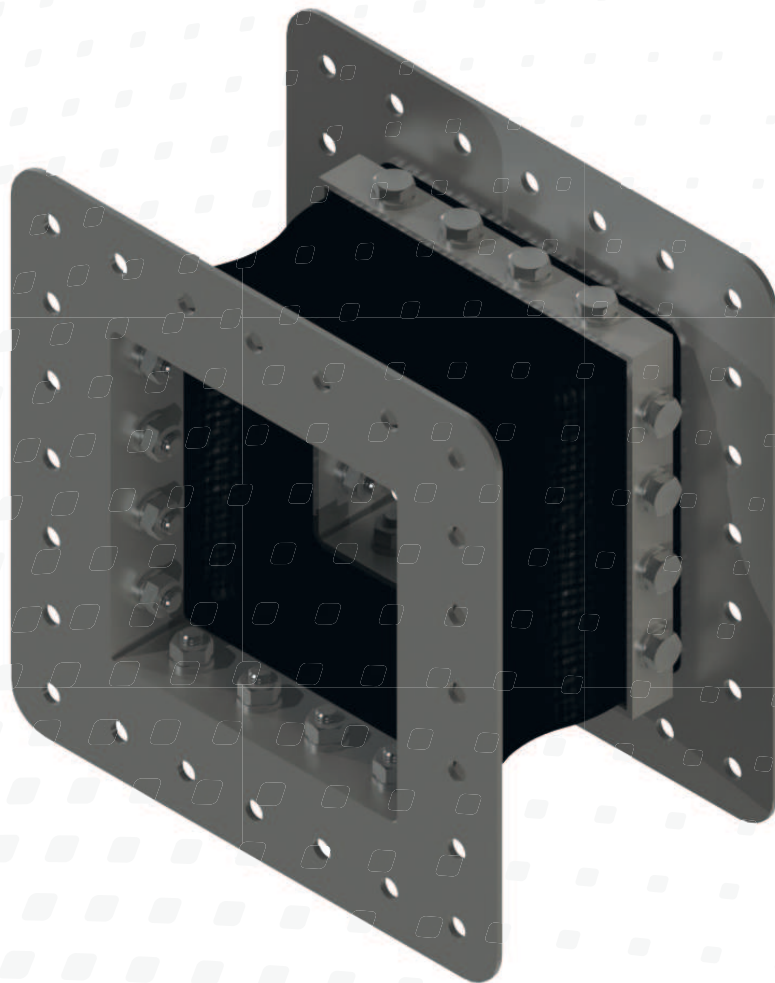


FABRIC EXPANSION JOINTS



FABRIC EXPANSION JOINT

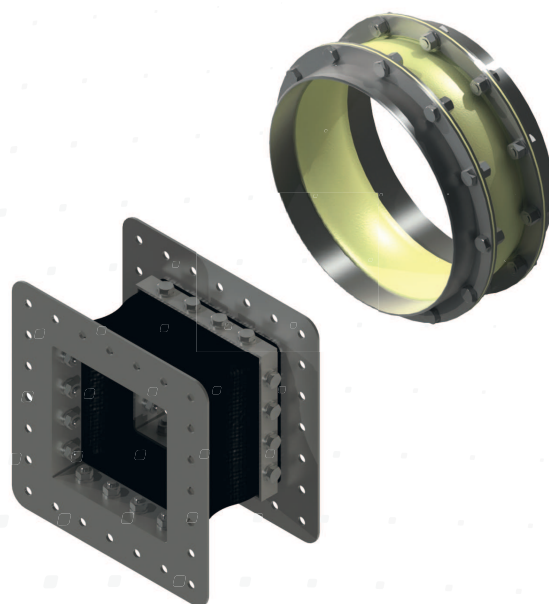
GENERAL PRODUCT SHEET

> DESCRIPTION

Fabric expansion joints can be used in several industries. They are used mostly for the transportation of cold air, hot air and gasses.

The fabric expansion joint bellow is composed of several layers of fabric and foils (rubbers, PTFE, plastics, ...). These are selected to suit the criteria of the application. Several shapes of the bellow (square, rectangular, round, ...) are possible as well as a range of sizes.

These types of expansion joints are very dependent on the application. Therefore these types of expansion joints are always tailored to suit customer-specific design.



> KEY FEATURES

- Excellent temperature range
- Low spring rate
- Short built in lengths
- Very good vibration and noise absorption
- Limited pressure resistivity

> MATERIAL PROPERTIES

Fabrics are selected based on:

- Temperature
- Strength
- Chemical resistance

> POSSIBLE ACCESSORIES

- Liner
- Limiters

All options are explained in detail on page 125-128

> MOVEMENT TABLE

Axial	Lateral	Angular	
X	Single plane	X	Single plane
	Multi-plane	X	Multi-plane
			X

> STANDARD

There are no standards available for the calculation or fabric expansion joints.

> TYPICAL APPLICATIONS

Fabric expansion joints are often used for the transportation of gasses and air.

The gasses can require a very good chemical resistivity. If the appropriate fabric layers are selected it is possible to transport almost every gas.