

RELY ON EXCELLENCE

## Plug & Run Expansion joints

Expansion Joints | Fabric expansion joints



### Features

- Fabric expansion joint (FEJ) with quick lock system
- Next generation of patented flange design
- Available in hygienic-friendly design according to EC 1935/2004, EN 10/2011, FDA
- Reduction of downtimes
- Suitable for standardization

### Functional description

- For applications in which fabric expansion joints are changed permanently from one connection to another
- In places where fast FEJ exchange is needed at any time
- As plant standard for higher efficiency

### Advantages

- Approved plastic and rubber materials
- Leak-proof design up to 2 bar (pressure shock tested)
- Hygienic-friendly design with minimized creases and no crevices
- Resistant to cleaning fluids

### Operating range

Temperature: -35 ... +260 °C  
(-31 ... +500 °F)

Pressure: -0,05 ... +0,2 bar  
(-0.72 ... +2.9 °F)

Axial compression: 65 mm (2.55") Lateral  
movement: 25 / 26 mm  
(0.98 / 1.02")

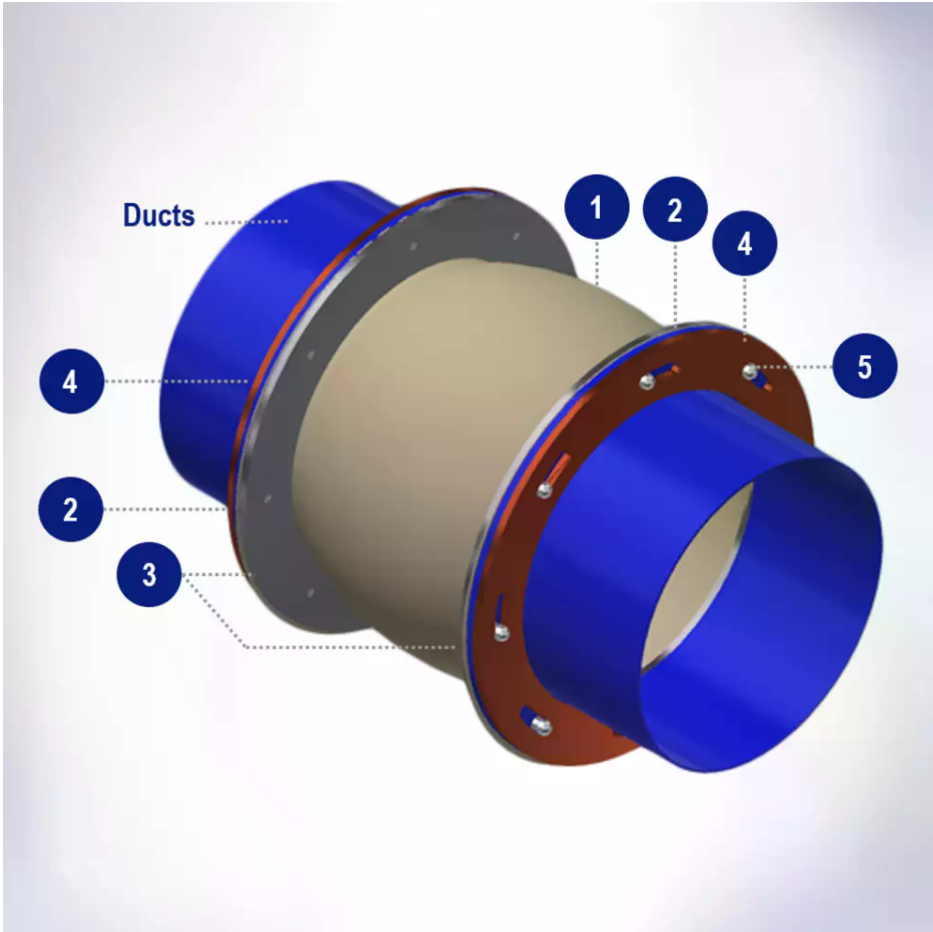
### Standards and approvals

Fabric material with hygienic certificate according to EU regulation EC 1935/2004, EC 10/2011, FDA

### Recommended applications

- Food processing
- Pharmaceutical
- Chemical industry
- Industries with higher requirements

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Item	Description
1	Fabric expansion joint
2	Duct flange
3	Backing flange
4	Locking flange
5	Locking bob

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### Installation, details, options

#### Product variants

Type	Color	Operating temperature °C (°F)	Operating pressure bar (PSI)	Diameter mm (Inch)	Length mm (Inch)	Axial compression mm (Inch)	Lateral movement mm (Inch)
KE-flex FoodHS1	Translucent	-35 ... 260 (-31 ... 500)	-0.05 ... 0.05 (-0.72 ... 0.72)	100 ... 450 (3.93 ... 19.68)	150 (5.9)	65 (2.55)	25 (0.98)
KE-flex Nitrile235	Black	-30 ... 110 (-22 ... 230)	-0.05 ... 0.05 (-0.72 ... 0.72)	100 ... 450 (3.93 ... 19.68)	150 (5.9)	65 (2.55)	26 (1.02)
KE-flex Nitrile300	White	-30 ... 110 (-22 ... 230)	-0.05 ... 0.05 (-0.72 ... 0.72)	100 ... 450 (3.93 ... 19.68)	150 (5.9)	65 (2.55)	26 (1.02)
KE-flex PUR500/1000	Transparent	-30 ... 70 (-22 ... 158)	-0.05 ... 0.05 (-0.72 ... 0.72)	100 ... 450 (3.93 ... 19.68)	150 (5.9)	65 (2.55)	26 (1.02)
KE-flex SKE700	White	-30 ... 200 (-22 ... 392)	-0.2 ... 0.2 (-2.9 ... 2.9)	100 ... 450 (3.93 ... 19.68)	150 (5.9)	65 (2.55)	26 (1.02)