EagleBurgmann
a member of EKK and FREUDENBERG

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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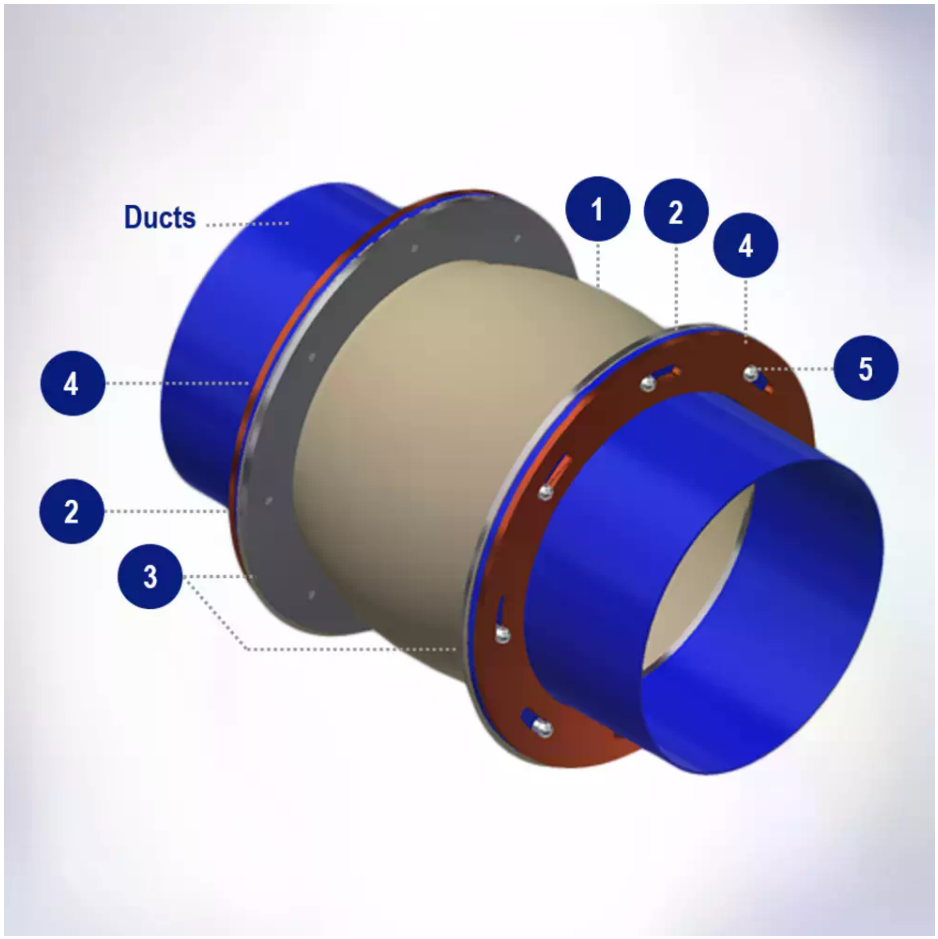
All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values.
We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.



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	Operatingtemperature°C (°F)	Operatingpressurebar (PSI)	Diametermm (Inch)	Lenghtmm (Inch)	Axialcompressionmm (Inch)	Lateralmovementmm (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)

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