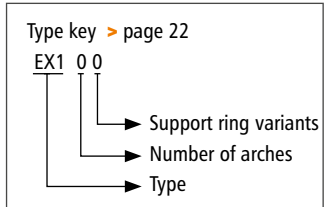


EX100



> Type EX100



Conductive fan or ducting expansion joint

- Design:** Straight or conical fabric expansion joint made from EPDM rubber with a polyamide fabric insert and self-sealing flanges or sleeves for clamped fixing and proof electrical conductivity
Optional single-part backing flanges or clamps
- Conductivity:** Surface resistance $1.4 \times 10^5 \Omega$ electrical discharge capability
- Installation method:** Fixing to flanges or using clamps at duct level
Earthing with min. 10 cm² contact surface required
- Dimensions:** For round, rectangular and oval duct cross sections
- Installation length:** According to customer specification
- Media temperature:** Suitable between -30 to +100 °C
- Pressure:** Up to ±15,000 Pa
- Movement:** For axial and lateral movements

Application:
Pharmaceutical industry, food processing, petrochemical and refining technology, varnish industry, e.g. on ventilators, in air conditioning and ventilation ducts, in suction units



Request assembly instructions at:
www.ditec-adam.de/en/contact

Flanges

Design:	Single-part backing flange with clearance holes
Flange norms:	According to customer specification
Materials:	Carbon steel, stainless steel
Coating:	Primed, hot-dip galvanised, special paint

Fastening clamps

Design:	Depending on pressure and the diameter, endless clamp belt, screw thread belt, small clamps or hinge bolt clamps. At higher pressures, 2 adjacent clamps per side.	
Width:	Endless clamp belt:	¾"
	Screw thread belt:	½"
	Small clamp:	depending on Ø: 9–12 mm
	Hinge bolt clamp:	depending on Ø: 18–30 mm
Materials:	Endless clamp belt with screw lugs (tongs):	1.7300
	Screw thread belt with threaded screw lugs:	1.4310
	Small clamp, belt and housing:	1.4016 (Screw steel galvanised)
	Hinge bolt clamp, belt and housing:	1.4016 (Screw steel galvanised)

Flow liners

Design:	Cylindrical, conical or telescoping flow liner (> page 360)
Materials:	Carbon steel, stainless steel
Coating:	Primed, hot-dip galvanised, special paint

Optional accessories

Fixing:	Screws
	Nuts
	Washers
	Disc springs

Cross section EX100

