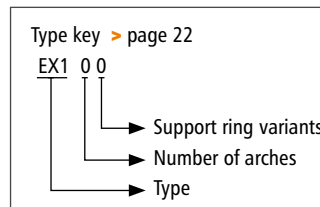


## EX100



### > 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 cm<sup>2</sup> 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](http://www.ditec-adam.de/en/contact)

## Flanges

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

## Fastening clamps

<b>Design:</b>	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.	
<b>Width:</b>	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
<b>Materials:</b>	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

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

## Optional accessories

<b>Fixing:</b>	Screws
	Nuts
	Washers
	Disc springs

Cross section EX100

