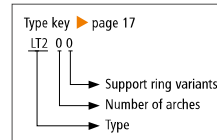


## LT200



### ► Type LT200



## Expansion joint for air conditioning and ventilation systems up to 200°C

**Design:** Straight or conical fabric expansion joint made from silicon with a glass fibre fabric insert and self-sealing flanges or sleeve for clamped fixing  
Optional single-part backing flanges or fastening clamps

**Installation method:** Fixing to flanges or using clamps at duct level

**Dimensions:** For round, rectangular and oval duct cross sections

**Installation length:** According to customer specification

**Media temperature:** Suitable from -60 to +200°C, maximum 250°C

**Pressure:** Up to ±15,000 Pa

**Movement:** For axial and lateral movements

**Application:**  
Power plants, waste incineration plants, cement factories, paper industry e.g. on ventilators, in air conditioning and ventilation ducts



## Flanges

**Design:** Single-part backing flange with clearance holes

**Flange norms:** According to customer specification

**Materials:**  
Carbon steel: 1.0038 (S235JRG2)  
Stainless steel: 1.4301 (X5CrNi18-10)  
1.4571 (X6CrNiMoTi17-12-2)  
Other materials on request

**Coating:** Primed, hot-dip galvanised, special paint

## Fastening clamps

**Design:** Depending on pressure and the nominal diameter, endless clamp belt, screw thread belt, small clamps or hinge bolt clamps. At higher pressures, 2 adjacent clamps per fastening side.

**Width:**  
Endless clamp belt: 3/4"  
Screw thread belt: 1/2"  
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 24)

**Materials:**  
Carbon steel: 1.0038 (S235JRG2)  
Stainless steel: 1.4301 (X5CrNi18-10)  
1.4571 (X6CrNiMoTi17-12-2)  
Other materials on request

**Coating:** Primed, hot-dip galvanised, special paint

## Optional accessories

**Fixing:**  
Screws  
Nuts  
Washers  
Disc springs

### Planning help LT200

