

Expansion joint, square



✓ Free choice of dimensions

✓ Pressure-resistant

✓ Permanently flexible

✓ Tear- and rot-proof

✓ High leakage class

Product information

DL expansion joints in a square design are used as flexible connections in air ducts and as junctions with fire dampers. The special woven material in coated PVC offsets thermal expansion, prevents the transfer of vibrations and also offers the possibility of acoustic decoupling.

A flange profile with high bending strength is mounted on both sides for secure installation. DL expansion joints meet the requirements of VDI 6022 and are also available in a version for installation in smoke extraction ducts.

Technical data

Material

Galvanised steel
Aluminium
V2a stainless steel
V4a stainless steel

Pressure rating

N – M – H in accordance with VDI 3803.1

Airtightness class

C (ATC3) DIN EN 1507

Dimensions

Width: min. 200 mm
Height: min. 200 mm

Length before bending

130/150/180 mm

Connector flange

P20 – profile frame with corner brackets
P30 – profile frame with corner brackets

Temperature resistance

-10° to +80°C

Fire protection class

B1–B2 as per DIN 4102

Order code legend

Order code

EVS-B2-W-B-H-L-V

Fire protection class (B2)

Material (M)

VZ – galvanised
ALU – aluminium
V2A – stainless steel V2A
V4A – stainless steel V4A

Opening in mm (WxH)

W – width
H – height
Can be freely selected

Optional (o)

B1 – fire protection class
BKE – 600°C/120 min.
L – 150/180 mm

Example

Expansion joint, B2, galvanised, 500 x 400, 130, P30

Order code

EVS-B2-VZ-500x400-130-P30