



Flexible duct connector

EDP



Description

In order to isolate vibrations caused by air handling units and fans connected to air ducts, it is highly recommended to install a flexible duct connector joint between the outlet of these devices and the air duct.

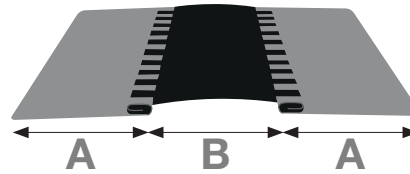
Features

- Fabric made of fibre glass cloth, coated on both sides with Polychloroprene (Neoprene)
- Excellent mechanical and chemical resistance
- Waterproof
- Hardly flammable
- Available in: galvanised steel, stainless steel 304 or stainless steel 316, thickness 0.4mm (28ga)

Resistance

Resistance of the mechanical joint (fabric to steel):
min. 30kg/ 100mm
Pressure test: min. 2000Pa

Dimensions



A = steel width		B = Fabric width	
45 mm	1-3/4'	60 mm	2-3/8'
		75 mm	3'
70 mm	2-3/4'	100 mm	4'

- Standard length of roll: 25 m (82 ft)
- Other lengths and sizes on request

Technical Data

Material

Backing: Fibre glass cloth

Coating: Polychloroprene (Neoprene) on both sides

Weight: 720 gr/sqm

Colour: Black

Temperature range

Continuous: -20°C to +100°C

Peak: +120°C

Seam type: LOC 4

Classifications:

UL listed - NFPA701

M1 (French standards)

BS476 part 7

Resistance	Very good	Good	Fair	Poor	Very poor
Acids		x			
Oils				x	
Solvents		x			
Greases				x	
Ozone		x			
UV			x		
Alogen				x	

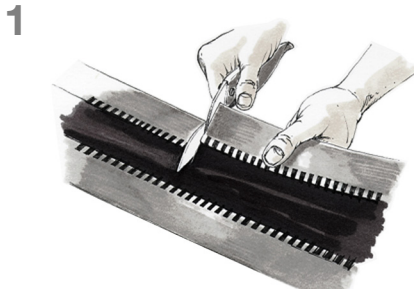
Resistance may differ depending on time and environment exposure and chemical concentration



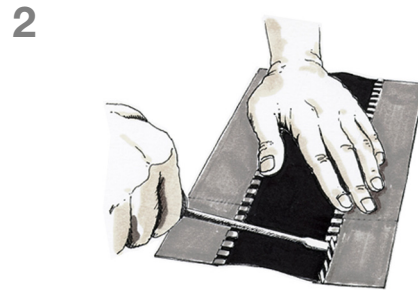
Flexible duct connector

EDP

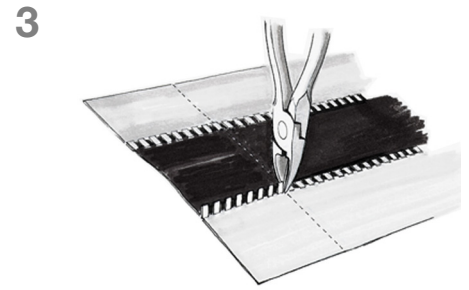
Application



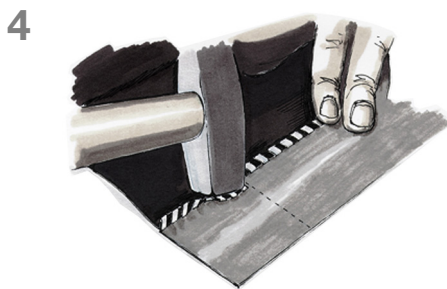
At a notch, cut a length equivalent to the perimeter required plus an overlap of 5 to 6 cm for joining



Lift the seam outwards at right angle



Make a cut at the edge of the lifted seam section



Bend down the seam whilst ensuring that the cloth remains fastened



Coat the cloth with the appropriate adhesive or use our self-adhesive pads (if appropriate). Join both sides and press together firmly



Spotweld the steel and form to the desired shape