

General description

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



Technical description

- Fabric made of Fiberglass cloth, coated on both sides with Polyurethane
- Galvanized steel thickness 0,6 mm (24 ga)
- Seam Type LOC 3



LOC 3

Technical specification - Fabric

Material	Backing	Fiberglass cloth
	Coating	Polyurethane on both sides
Weight		460 gr/sq m (13,5 oz/sq yd)
Color		Grey
Temperature range	Continuous	-30°C to +100°C (-22°F to 212°F)
	Peak	120°C (248°F)
Features		Smoke extraction Not flammable
Classifications		UL listed - NFPA701 M0 - 400°C/2h (french standards)

The values listed are ultimate averages achieved under standard laboratory conditions. These results are given only as a guide and not as a warranty. An appropriate safety factor must be determined for the designed purpose.

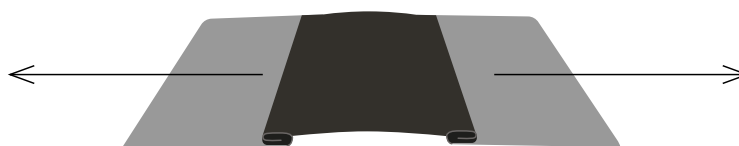
RESISTANCE	Very good	Good	Fair	Poor	Very poor
ACIDS		x			
OILS		x			
SOLVENTS			x		
GREASES		x			
OZONE		x			
UV			x		
ALOGEN			x		

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

Seam Resistance

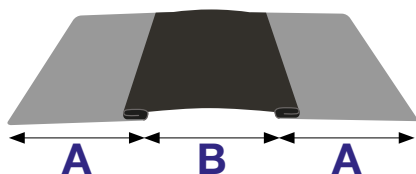
Resistance of the mechanical joint (fabric to steel)

Pressure test : min. 2000Pa



**Minimum 30kg/100mm
(66 lbs/4")**

Dimensions

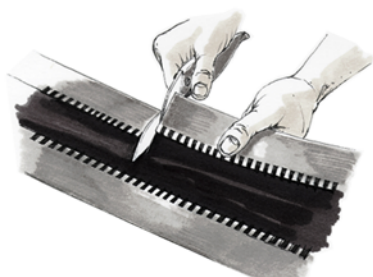


A = steel width		B = Fabric width	
50 mm	2"	75 mm	3"
75 mm	3"	75 mm	3"
		100 mm	4"
		150 mm	6"
100 mm	4"	100 mm	4"

- Standard length of roll: 30,5m (100 feet)
- Other lengths and sizes on request

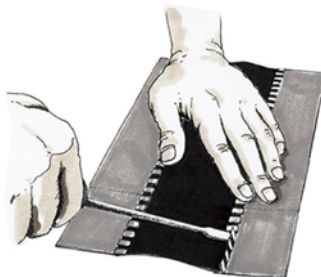
Application

1



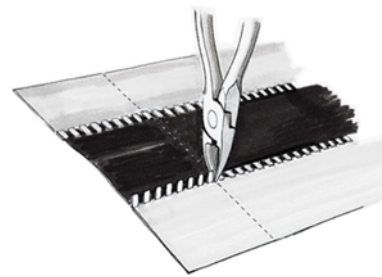
At a notch, cut a length equivalent to the perimeter required plus an overlap of 5 to 6 cm (2") for joining

2



Lift the seam outwards at right angle

3



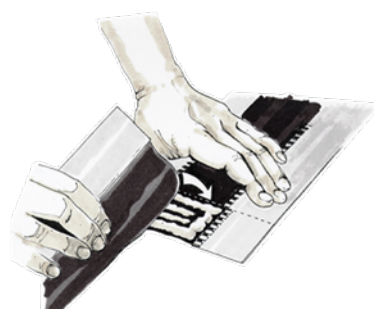
Make a cut at the edge of the lifted seam section

4



Bend down the seam whilst ensuring that the cloth remains fastened

5



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

6



Spotweld the steel and form to the desired shape