TECHNICAL DATA SHEET (1/2)

T - 1030 _ PU

General 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 airduct.



Technical description

- Fabric made of Fiberglass cloth, coated on both sides with Polyurethane
- Seam Type LOC 4
- Available in : **Galvanized steel**, **Stainless steel 304** or **Stainless steel 316**, thickness 0,4 mm (28 ga)



LOC 4

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 Classified (tested against NFPA 701) A2 s1 d0 (tested against EN13501-1) 400°C/2H (tested against EN12101-3)

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.

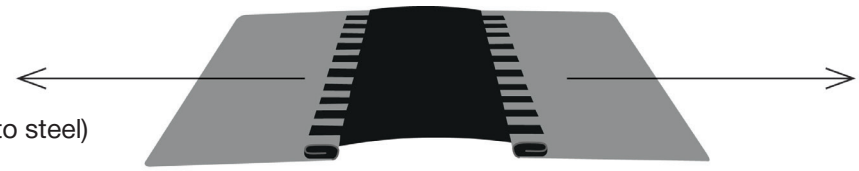
RESISTANCE	Very good	Good	Fair	Poor	Very poor
ACIDS		x			
OILS		x			
SOLVENTS			x		
GREASES		x			
OZONE		x			
UV			x		
ALOGEN			x		

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

Seam Resistance

Resistance of the mechanical joint (fabric to steel)

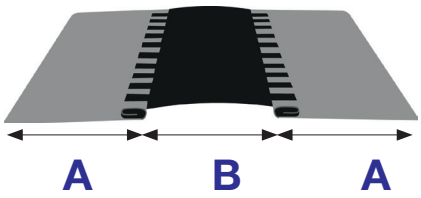
Pressure test : min. 2000Pa



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

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Dimensions

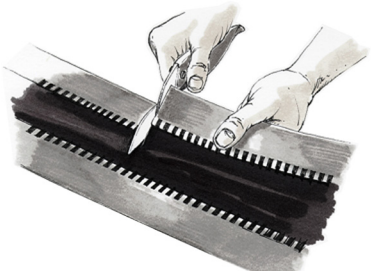


A = steel width		B = Fabric width	
35 mm	1-3/8”	40 mm	1-9/16”
		60 mm	2-3/8”
45 mm	1-3/4”	60 mm	2-3/8”
		75 mm	3”
70 mm	2-3/4”	100 mm	4”

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

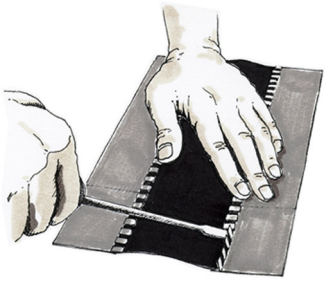
Application

1



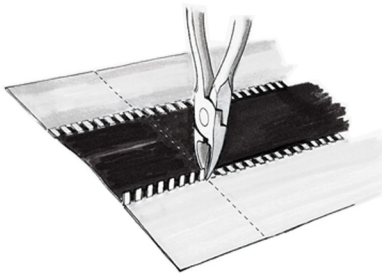
At a notch, cut a length equivalent to the perimeter required plus an overlap of 5 to 6 cm (2”) for joining

2



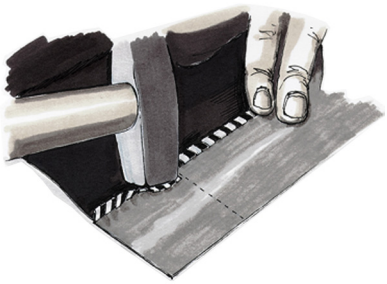
Lift the seam outwards at right angle

3



Make a cut at the edge of the lifted seam section

4



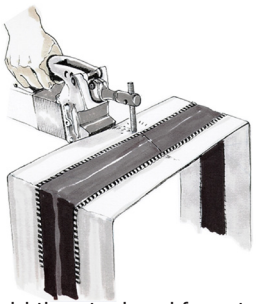
Bend down the seam whilst ensuring that the cloth remains fastened

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