



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.

It is necessary to select an airtight and flexible cloth, with good weathering qualities and one which will withstand the temperatures inside and outside the duct.

Duct being generally made of steel, the main difficulty is to fasten the cloth to it in order to obtain a resistant connection. Our flexible duct connectors are perfectly designed to fulfill this function.



Technical description

- Fabric made of Fiberglass cloth, coated on both sides with Polychloroprene (Neoprene)
- Galvanized steel thickness 0.02" (24 ga)
- Seam Type LOC 3



LOC 3

Technical specification - Fabric

Material	Backing	Fiberglass cloth
	Coating	Polychloroprene (Neoprene) on both sides
Weight	720 gr/sq m (21 oz/sq yd)	
Color	Black	
Temperature range	-20°C to +100°C (-4°F to 212°F)	
Standards	Hardly lammable- UL classied - NFPA 701	

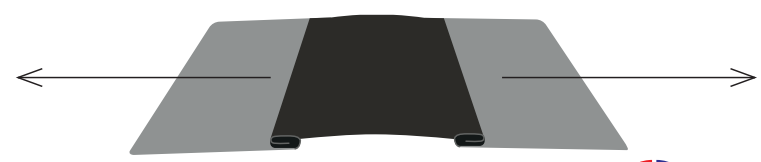
The values listed are ultimate averages achieved under standard laboratory conditions. These results are given only as a guide and not as a warranty. An appropriate safety factor must be determined for the designed purpose.

CHEMICAL RESISTANCE	Very good	Good	Fair	Poor	Very poor
ACIDS		X			
OILS				X	
SOLVENTS		X			
GREASES				X	

Various dependent upon time and environment exposure and chemical concentration

Seam Resistance

Resistance of the mechanical joint (fabric to steel)

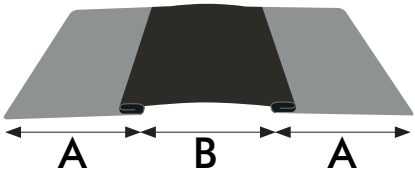


Minimum 30kg/100mm





Dimensions

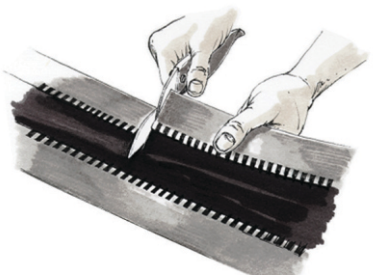


- Standard length of roll: 30,5 m (100 ft)
- Other lengths and sizes on request

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

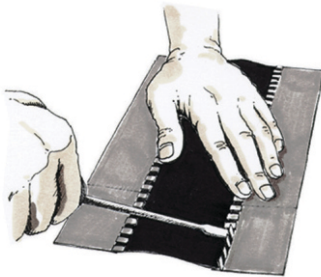
Application

1



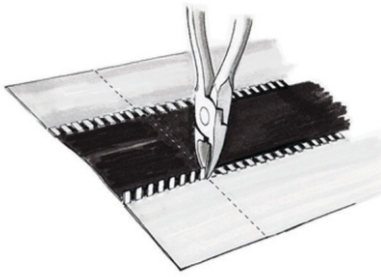
At a notch, cut a length equivalent to the perimeter required plus an overlap of 5 to 6 cm (2") for joining

2



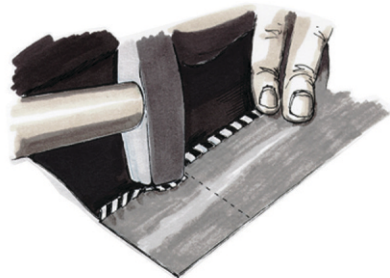
Lift the seam outwards at right angle

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

