

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 Polychloroprene (Neoprene)
- 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	Polychloroprene (Neoprene) on both sides
Weight		720 gr/sq m (21 oz/sq yd)
Color		Black
Temperature range	Continuous	-20°C to +100°C (-4°F to 212°F)
	Peak	+120°C (248°F)
Features		Excellent mechanical and chemical resistance Waterproof Hardly flammable
Classifications		UL listed - NFPA701 B-s2, d0 (Euroclasse – EN 13501-1:2018) BS476 part 7 (british standard)

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.

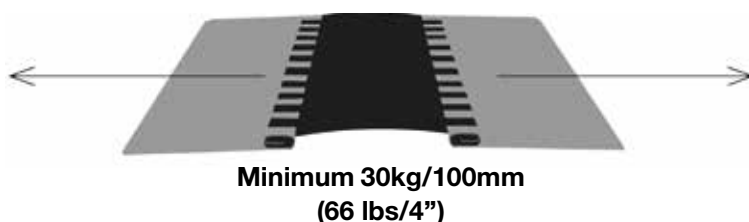
RESISTANCE	Very good	Good	Fair	Poor	Very poor
ACIDS		x			
OILS				x	
SOLVENTS		x			
GREASES				x	
OZONE		x			
UV			x		
ALOGEN				x	

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

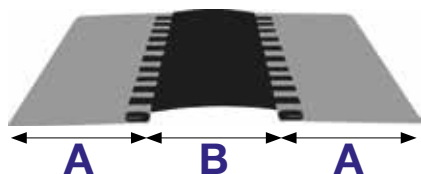
Seam Resistance

Resistance of the mechanical joint (fabric to steel)

Pressure test : min. 2000Pa



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

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