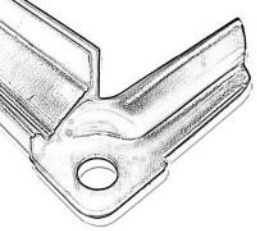
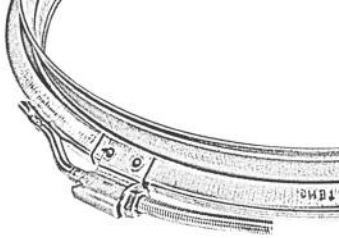


RAMI SYSTEM®

HVAC accessories manufacturer since 1986



ATEX

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 Polyester cloth, coated on both sides with PVC
- Marked 'EX'
- Galvanized steel thickness 0,4 mm (28 ga)
- Seam Type LOC 4

LOC 4

Technical specification

• Fabric

SPECIFICATIONS		ATEX
MATERIAL	BACKING	Polyester cloth
	COATING	Antistatic treated PVC on both sides
WEIGHT		600 gr/m² (18oz/sq yd)
COLOUR		Black
TEMPERATURE RANGE		-20°C to +70°C (-4°F to 158°F)
PROPERTIES		Very good mechanical resistance. Low electrical resistivity - antistatic.
ELECTRICAL RESISTIVITY		>10^7 Ohm

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			

• Steel

Galvanized steel thickness 0,4 mm (28 ga)

• Seam Resistance

Resistance of the mechanical joint (fabric to steel)

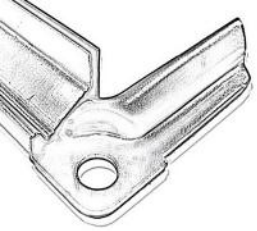
minimum 30 kg / 100 mm (ca 2000 Pa)

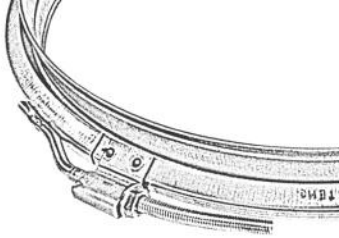
2016.06.20

NEU 6000, S.A.

Pol. Ind. "La Torre"
Av. Joaquim de Barnola i Bassols, 6
08760 Martorell - Barcelona
SPAIN

T. +34 93 774 57 09
F. +34 93 774 18 33
neu@rami-system.es
www.rami-system.es

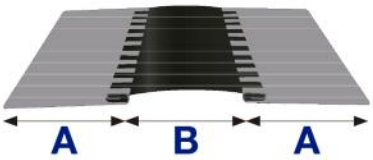




HVAC accessories manufacturer since 1986

ATEX

Dimensions



A = STEEL WIDTH		B = FABRIC WIDTH	
35 mm	1-3/8"	60 mm	2-3/8"
45 mm	1-3/4"	60 mm	2-3/8"
70 mm	2-3/4"	100 mm	4"

- A = steel width
- B = fabric width
- Standard length of roll: 25 m (82 ft)
- Other lengths and sizes on request

Application

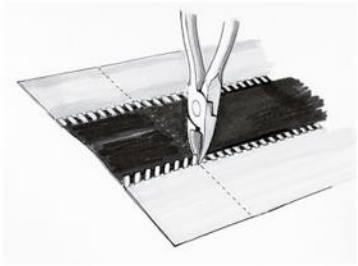
1

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. Join both sides and press together firmly

6

Spotweld the steel and form to the desired shape

2016.06.20

NEU 6000, S.A.

Pol. Ind. "La Torre"
Av. Joaquim de Barnola i Bassols, 6
08760 Martorell - Barcelona
SPAIN

T. +34 93 774 57 09
F. +34 93 774 18 33
neu@rami-system.es
www.rami-system.es