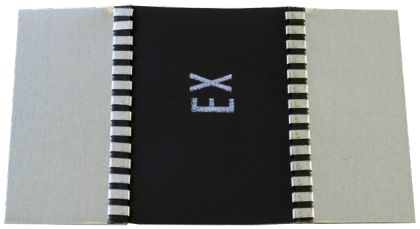
# TECHNICAL DATA SHEET (1/2)

T - 1050 _ ATEX

## 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 Polyester cloth, coated on both sides with PVC
- 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** | Polyester cloth |
| | **Coating** | PVC on both sides |
| **Weight** | | 630 gr/m² (19 oz/sq yd) |
| **Color** | | Black |
| **Temperature range** | | -30°C to +70°C (-22°F to 158°F) |
| **Features** | | Excellent mechanical and water resistance<br>Flame retardant<br>Very good resistance to moisture and weathering<br>All purpose fabric<br>Low electrical resistivity : < $10^7$ Ohm - antistatic |
| **Classifications** | | M2 Class 1 (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



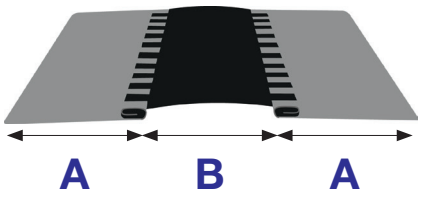
**Minimum 30kg/100mm**
**(66 lbs/4")**

Information contained herein is based on careful tests and experience. It reflects our knowledge and is for guidance purpose only. It is given in good faith and user should ensure that the product is fit for purpose before any application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Manufacturer and distributor are not responsible for any non-recommended use or consequential damage.

# TECHNICAL DATA SHEET (2/2)

T - 1050 _ ATEX

## Dimensions

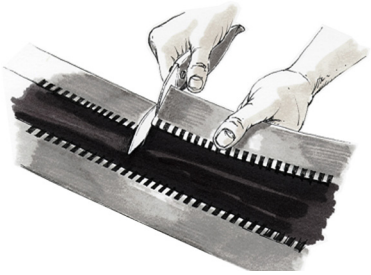



| A = steel width | | B = Fabric width | |
|---|---|---|---|
| 45 mm | 1-3/4” | 60 mm | 2-3/8” |

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

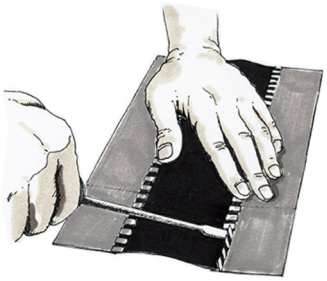
## Application

**1**



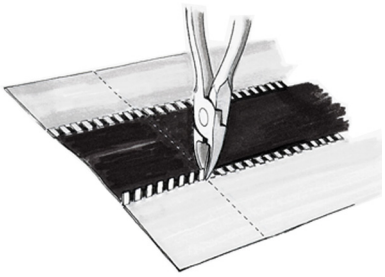
At a notch, cut a length equivalent to the perimeter required plus an overlap of 5 to 6 cm (2”) for joining

**2**



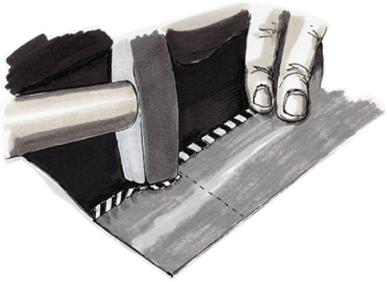
Lift the seam outwards at right angle

**3**



Make a cut at the edge of the lifted seam section

**4**



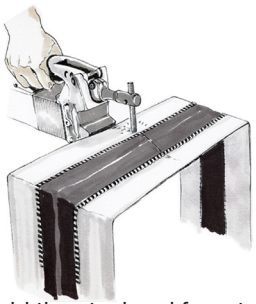
Bend down the seam whilst ensuring that the cloth remains fastened

**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

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