

ATMOSPHERIC INSULATION MATTRESS TYPE FI

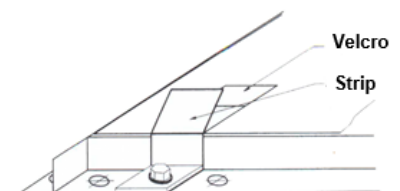
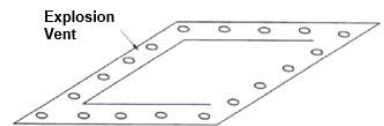
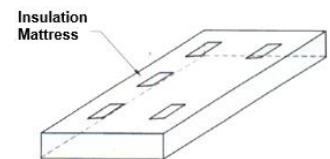
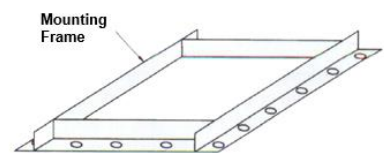
DESCRIPTION

In order to avoid energy losses and condensation effects, or to reduce acoustic emission levels of protected systems, the Fike explosion vents type CV and CV-S can be supplied with a flexible insulation mattress for installation on the atmospheric side of explosion vents.

The Fike insulation mattress has been designed to minimise interference with the opening of the explosion vent and has no influence on the explosion vent opening pressure.

FEATURES AND BENEFITS

- Lightweight design, easy to install (see figures)
- Water-, dust- and dirtproof with excellent resistance to corrosion and sunlight
- Reusable
- No thermal bridges, providing optimum thermal and acoustic insulation
- Maintenance free





AVAILABLE SIZES ¹

Explosion Vent	Mounting Frame
Nominal Size	Nominal Size
A x B (mm)	A x B (mm)
500 x 800	600 x 900
500 x 900	600 x 1000
566 x 900	666 x 1000
500 x 1000	600 x 1100
600 x 1000	700 x 1100
625 x 1110	735 x 1220
700 x 1000	800 x 1100
800 x 1000	900 x 1100
900 x 900	1000 x 1000
900 x 1000	1000 x 1100
1000 x 1000	1100 x 1100

(1) Other sizes available – consult Fike.

SPECIFICATIONS

Type	Atmospheric Insulation Mattress FI
Material	Insulation fibre (minimum density 22 kg/m ³), thickness 40 mm – enveloped in water-repellent envelope
Maximum Operating Temperature	230°C
Compatible Vent Types	CV and CV-S