

EXPLOSION VENTS ENGINE EXHAUST PROTECTION TYPE CV-S-I-LW

DESCRIPTION

The CV-S-I-LW type explosion vents are composite membrane, high performance explosion vents specifically designed for the protection of engine exhaust systems. All applicable requirements of EN 13237, European Standard for Explosion Venting Devices (EN 14797) and NFPA 68, Guide for Venting of Deflagrations, are met with this design. This explosion vent provides excellent service life for pressure cycling conditions typical to this application.



APPROVALS:

- EAC

FEATURES AND BENEFITS

- Venting efficiency of 100%
- Burst pressure, p_{stat} , is determined by destructive testing as required by the applicable standards
- No moving parts and maintenance free
- 80% operating ratio



SPECIFICATIONS

Type	CV-S-I-LW
Sizes	DN600 / DN700 / DN800 / DN900 / DN1000 / DN1200
Materials of Construction	Stainless Steel / Fluoropolymer / Insulation / Stainless Steel
Maximum Operating Pressure	80% of the minimum burst pressure for nominal BP > 0.1 barg
Burst Pressure Tolerance	± 50 mbarg
Operating Temperature Range ¹	-40°C up to 450°C
Flange Ratings	DIN or ANSI

(1) Maximum continuous operating temperature 450°C; short period (max. 5 hours) peak temperatures to 500°C max. allowed.

For more details about the CV-S-I-LW explosion vents and the protection of engine exhaust systems, contact Fike.