



Safety is for life.™

PRODUCT INFORMATION



THE EXPLOSION VENT FOR LOW TO MEDIUM VACUUM + PRESSURE CYCLING

The domed, single layer explosion vent is suitable for use in processes with medium vacuum or overpressure (**up to 70% of min. response pressure (pstat)**) and slight pressure cycling. It is particularly suitable for vessels with pneumatic filling equipment and for filters and sieves with strong vibration. The standard bursting pressure is 0.1 bar at 71.6 °F (22 °C).

Your advantages

- The domed construction provides **high stability and pressure cycling resistance.**
- **Quick and easy installation** while torque is independent. No additional counter frame required.
- **Significant space savings** due to the integrated gasket and tensioning frame in the explosion vent.

Technical data*

Standard burst pressure P_{stat}	0.1 bar at 71.6 °F (22 °C)
Max. permitted operating pressure	Up to 70% of P_{stat}
Temperature	- 40 to + 356 °F (- 40 to + 180 °C)
Material	Stainless steel
Gasket material	EPDM, silicon, foam rubber
Tolerance	± 20% at standard burst pressure
Standard vacuum resistance	Up to 500 mm H ₂ O (WC) to 0.64 m ² Up to 300 mm H ₂ O (WC) from 0.65 m ²
Recommended tightening torque for M10 bolts	15 – 20 Nm

*Our specialists will be pleased to assist you in finding a solution that matches your specific operating conditions.



NFPA Compliant

ATEX
EC type examination
certificate no.
FSA 04 ATEX 1538 X

SIL equivalent SIL 4