

## DonadonSDD PS-R vent panels



DonadonSDD PS/R rectangular vent panels are composite tension panels composed of three parts:

- a calibrated metal part
- a seal membrane (usually in PTFE)
- a metal protection section

Vacuum supports are also available.

Explosion vent panels are suitable for use with gas and/or dust in static, pulsating and cyclic conditions. They usually have very low vent pressures (standard 0.1 bar g). Panels are mainly fitted to dust manifolds, dryers, troughs, silos, separators, mixers, boosters,

air purifiers, sieves and filters.

They can be fitted between welded frames or non-machined profiles in carbon or stainless steel. Machined frames or expensive containers are not necessary.

Panels can be supplied in ATEX (PS/EX) execution and EX II GD and EX II D certified. They can therefore be installed in locations with presence of explosive atmospheres (zones classified as category 0, 20, 1, 21, 2, and 20 according to European Directive ATEX 2014/34/UE).

Model	<b>PS/R</b>
Materials	Stainless steel
Membrane	PTFE
Dimensions	Min 365X645 – Max 920X920
Rupture pressure	0.1 bar g
Tolerance	from +/- 10 % to +/- 20%
Operating temperature	Up to 260°C
Operating margin	50%-70%
Vacuum support	Available
Fragmentation	No (membrane only)
Corrosion resistance	Good - can be protected with a PTFE membrane
Rupture indicator	Electrical, Inductive
Linings	Yes