

The vent panels are designed to open at a predetermined pressure to release the explosion overpressure to a safe zone without emission of fragments, thus preventing it from exceeding the design resistance of the container

Double-layer domed vents (BRDM) are suitable for vacuum pressure applications such as suction filters, or cyclones.

## Domed Explosion Vent Panels BRDM, BDC



### TECHNICAL FEATURES

- For organic and metallic dust St3
- Pstat a 20°: 40 to 500 mbarg ±15%
- **Working Pressure:** 70% Pstat
- **Max resistance empty:** -1000 mbar
- **Standar Working Temp.:** -20° to 90°C
- **Material:** AISI 304L o AISI 316L
- **ATEX Certificate:** LOM18ATEX1021X

	TYPE	EXTERNAL DIMENSIONS (MM)	NOMINAL SIZE (MM)	VENT AREA A <sub>v</sub> (m <sup>2</sup> )
BRDM- RECTANGULAR	BRDM550X250	550X250	470X170	0,072
	BRDM550X350	550X350	470X270	0,114
	BRDM537X385	537X385	457X305	0,125
	BRDM496X496	496X496	416X416	0,156
	BRDM690X425	690X425	610X345	0,189
	BRDM670X570	670X570	590X490	0,260
	BRDM880X530	880X530	800X450	0,324
	BRDM970X537	970X537	890X457	0,366
	BRDM1000X666	1000X666	920X586	0,485
	BRDM1000X1000	1000X1000	920X920	0,761

Tests in accordance with EN14797 and EN10204 standards.  
For other sizes and/or working temperatures, consult Adix.