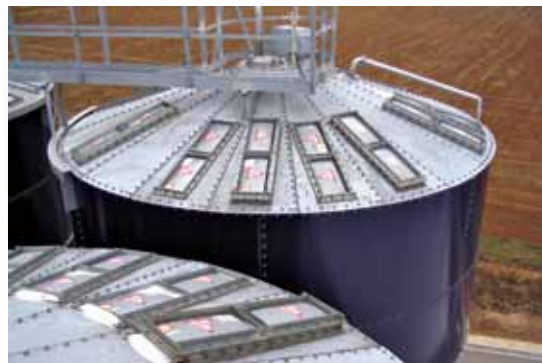


EXPLOSION VENTS





EXPLOSION PROTECTION

CV Technology Explosion Rupture Panels allow the dangerous level of pressure generated from a dust deflagration to safely vent from the vessel being protected, eliminating breach and other pressure related failures. Each Explosion Panel is precisely designed to burst at a predetermined pressure to maintain structural integrity of the protected equipment by reducing the pressure produced to a tolerable level.

Explosion Panels offer a passive and economical means of explosion mitigation. As opposed to other mitigation technologies Explosion Panels feature a simple installation, quick replacement, and a long service life. Burst pressures can be customized for the different operating pressures of industrial processes.

Explosion Rupture Panels are a passive mitigation device ideal for use on the following equipment:

- Dust Collectors
- Silos
- Storage Bins and Hoppers
- Bucket Elevators
- Dryers
- Cyclones
- Receivers
- Mills

Call for more info! 561 • 694 • 9588

Safe Explosion Venting Systems

Advantages:

- Highly effective and reliable
- Long service life
- Process friendly
- Resistant to abrasion and weather conditions
- Simple economic installation
- Customized burst pressures
- Wide range of sizes
- Maintenance free
- Easy replacement

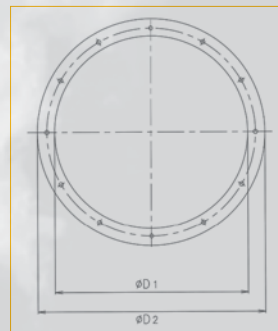
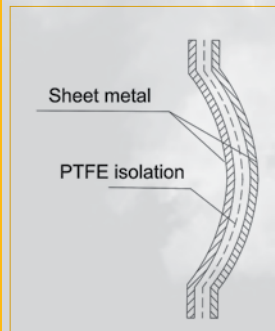
TLFG- Domed Round Panels

- Domed Triple Layer Design
- Stainless Steel with PTFE Sealant Layer
- FDA Compliant Materials
- Inherent High Vacuum Resistance
- Operating Temperatures up to 240° C
- Stocking Program Available*



TLST- Domed Round Panels

- USDA 3-A Certified Design



*Stocking Program available for select sizes. Contact CV Technology for details.

Optional Features:

- Rupture Sensor
- Gaskets
- Insulation
- Frames and Mounting Flanges

Size		Relief Area ft ² (m ²)	Ø D1 - Inside Flange Dimension inch (mm)	Ø D2 - Outside Flange Dimension inch (mm)
Inches	mm			
12	300	0.75 (0.07)	12.59 (320)	14.96 (380)
14	350	0.86 (0.08)	13.46 (342)	16.61 (422)
16	400	1.29 (0.12)	16.14 (410)	19.29 (490)
18	450	1.50 (0.14)	17.71 (450)	20.86 (530)
20	510	2.04 (0.19)	20.07 (510)	23.22 (590)
24	600	2.79 (0.26)	23.62 (600)	26.77 (680)
25	630	3.12 (0.29)	24.80 (630)	27.95 (710)
30	750	4.62 (0.43)	30.21 (770)	33.46 (850)
32	800	5.70 (0.53)	32.28 (820)	37.00 (940)
35	880	6.24 (0.58)	34.64 (880)	37.79 (960)
36	900	6.56 (0.61)	35.43 (900)	39.36 (1000)
40	1000	8.07 (0.75)	39.36 (1000)	43.30 (1100)
44	1100	9.79 (0.91)	43.30 (1100)	47.24 (1200)

TLFG/SLFG – Domed/Flat Rectangular Panels

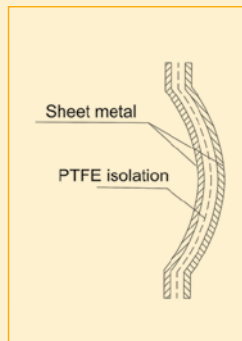
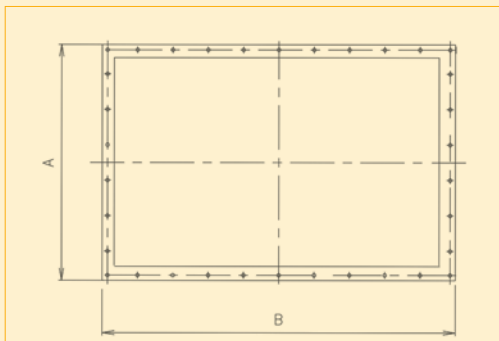
- Flat single layer design
- Domed triple layer design with PTFE sealant layer
- Stainless steel
- FDA compliant materials
- Operating temperatures for single layer up to 100°C
- Operating temperatures for triple layer up to 240°C
- Stocking Program available*



TLST – Domed Rectangular Panels

- USDA 3-A Certified Design

*Stocking Program available for select sizes.
Contact CV Technology for details.



Size		Relief Area ft ² (m ²)	A - Outside Panel Dimension inch (mm)	B - Outside Panel Dimension inch (mm)
Inches	mm			
6 x 24	150 x 600	0.86 (0.08)	8.66 (220)/9.25 (235)	26.37 (670)/26.92 (684)
12 x 18	305 x 457	1.29 (0.12)	14.76 (375)/15.59 (396)	20.74 (527)/21.53 (547)
18 x 32	450 x 800	3.65 (0.34)	21.65 (550)/21.25 (540)	35.43 (900)/35.03 (890)
20 x 24	490 x 590	2.90 (0.27)	22.24 (565)/22.44 (570)	26.18 (665)/26.37 (670)
24 x 36	586 x 920	5.48 (0.51)	26.02 (661)/26.61 (676)	39.17 (995)/39.76 (1010)
24 x 12	610 x 290	1.72 (0.16)	15.15 (385)/15.03 (382)	27.75 (705)/27.55 (700)
25 x 12	630 x 310	1.93 (0.18)	15.15 (385)/15.47 (393)	27.75 (705)/28.03 (712)
36 x 44	915 x 1118	10.54 (0.98)	38.97 (990)/39.56 (1005)	46.96 (1193)/47.55 (1208)
36 x 36	920 x 920	8.71 (0.81)	39.17 (995)/39.76 (1010)	39.17 (995)/39.76 (1010)
40 x 40	1020 x 1020	10.76 (1.00)	43.11 (1095)/43.70 (1110)	43.11 (1095)/43.70 (1110)