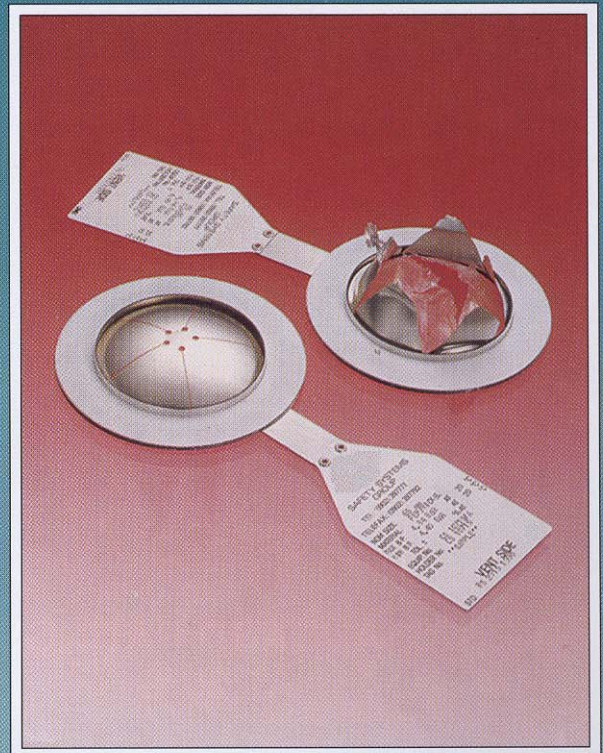


TANK-A-VENT

- FOR PROTECTION OF SAFETY VALVES ON ROAD & RAIL TANKERS
- SUITABLE FOR GAS OR LIQUID APPLICATIONS
- NON-FRAGMENTING DESIGN
- SIMPLE ONE PIECE INSTALLATION
- AVAILABLE WITH SUPPORT FOR VACUUM OPERATION
- NO HOLDER REQUIRED
- WIDE RANGE OF MATERIAL OPTIONS



The TANK-A-VENT safety disc is based on composite design and is comprised of four parts.

1. Metal vent ring - Provides an accurately formed bore for control of bursting and for location below the clamping flange.
2. Slotted metallic disc - Provides accurate control of burst pressure.
3. Seal membrane - usually of FEP, ensures leak tightness and corrosion resistance.
4. Inlet ring - Provides a robust flange support which ensures that the disc can be accurately assembled and that it carries a clearly legible identification tag.

The inlet ring can be replaced by a reverse pressure support for vacuum operation.

P.T.F.E. gaskets are bonded to both flange surfaces.

TANK-A-VENT discs are individually packaged for easy handling/stocking.

TANK-A-VENT

SPECIFICATION

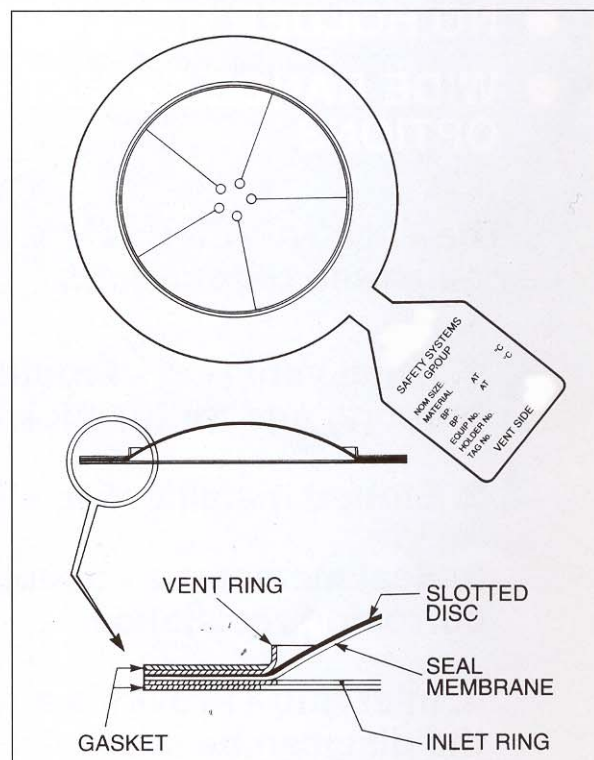
- STANDARD BORE SIZE : 65mm
- OVERALL DIAMETER : 95mm
- OVERALL HEIGHT : 12mm
- STANDARD MATERIALS:
 - VENT RING - STST 316
 - SLOTTED DISC - NICKEL
 - SEAL MEMBRANE - FEP
 - INLET RING - STST 316
 - VACUUM SUPPORT - STST 316
 - GASKETS - P.T.F.E.
- WIDE RANGE OF ALTERNATIVE MATERIALS AVAILABLE TO SUIT SPECIFIC CUSTOMER APPLICATIONS
- ALTERNATIVE BORE SIZES : 80mm
50mm

STANDARD RATINGS AT 20°C

DISC RATING barg	FLOW cu.m/hour
4.84	12700
4.4	11750
3.75	10250
3.31	9250
2.27	6950
2.17	6750

Standard tolerance range is $\pm 5\%$

Alternatives to suit individual customer or regulatory requirements are available.



TANK-A-VENT discs are manufactured, tested and certified to BS 2915 (1990). Discs can also be manufactured/certified to other recognised international standards as required.

Marston

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