



Specification

Our range of non-fragmenting burst discs is compatible with Fort Vale relief valves and accessories. If you have other manufacturer's equipment, please contact us.

WARNING: A burst disc decreases the air flow capacity of a relief valve. Calculate to make sure that the decreased flow will give sufficient protection to your tank/system. Refer to Fort Vale for more information.

Nominal sizes

65mm XL, 80mm XL, 89mm, 250mm

Other sizes are available, please contact us.

NOTE: 65mm XL/80mm XL discs replace the original 65mm/80mm discs. We do not recommend 65mm/80mm discs with Fort Vale relief valves.

Disc options

Forward Acting: a cross-scored solid metal disc

Forward Composite: a multi-layered disc for burst settings of less than 3.67 Bar

Reverse Acting: compatible with gas service

Materials

65XL/80XL/89mm: PTFE/316 stainless steel/Nickel

250mm: PTFE/316 stainless steel

Other materials are available, refer to next page.

65mm XL Burst Discs

Compatible with general purpose tank containers and road tankers.

Burst Pressure Bar	Burst Temperature °C	Part No.
2.28	20	862/X0228020B
2.41	20	862/X0241020B
2.69	20	862/X0269020B
3.10	20	862/X0310020B
3.67	20	862/X0367020A
4.10	20	862/X0410020A
4.40	20	862/X0440020A
4.84	20	862/X0484020A

NOTE: The specification changes the part no.

80mm XL Burst Discs

Compatible with general purpose tank containers and road tankers.

Burst Pressure Bar	Burst Temperature °C	Part No.
3.67	20	864/X0367020A
4.10	20	864/X0410020A
4.84	20	864/X0484020A

NOTE: The specification changes the part no.

89mm Reverse Acting Burst Discs

Compatible with compressed liquefied gas tank containers.

Burst Pressure Bar	Burst Temperature °C	Part No.
12.10	55	864/X1210055GX
15.00	55	864/X1500055GX
22.00	55	864/X2200055GX
27.50	55	864/X2750055GX
34.50	55	864/X3450055GX

NOTE: The specification changes the part no.

250mm Standard Burst Discs

Compatible with hydrogen peroxide service.

Burst Pressure Bar	Burst Temperature °C	Part No.
4.50	20	865/A0450020AD
4.50	60	865/A0450060AD
6.00	20	865/A0600020AD



Part Number Code: 65mm XL, 80mm XL, 89mm Only
Accessories & Spare Parts

Example: 8 6 X / X 0484 020 X X

Disc Size

- 862/ 65mm XL
- 864/ 80mm XL or 89mm Reverse Acting

Disc Manufacturer

- A CDC (Continental Disc Corporation)
- B BS&B Safety Systems
- C Schlesinger

Burst Pressure in kPa

- 0484 484 kPa (4.84 Bar)

Burst Temperature in °C

- 020 20°C

Disc Type

- A Forward Acting (ICON)
- B Forward Composite (PC-SERT)
- G Reverse Acting: Gas service

Special Material/Service: Disc Type A & B Only

Note: No number = Standard Material/Service

- 1 PFA Lined
- 2 PTFE Lined
- 3 Tantalum
- 4 Alloy 600
- 5 Oxygen Cleaned
- 6 High Temperature 250°
- 7 Titanium
- 8 Standard 30° Angle
- 9 Monel ®
- A Inconel ® / 316TI
- B Nickel
- C Hastelloy ® C276
- D Standard + Handling Support
- E Monel ® Fluoro Coated

Special Material/Service: Disc Type G Only

Note: No number = Standard Material/Service

- 1 Hastelloy ® / PTFE
- 2 Monel ®
- 3 Tantalum
- 4 Alloy 400
- 5 Alloy 600
- 6 Monel ® 400 / Sigma ® 500