

FS-Inverted Type Graphite Rupture Disks

ZOOK's new Fluoropolymer Sintered Graphite Rupture Disk offers enhanced features when compared to resin impregnated graphite disks. The Fluoropolymer coating is sintered at a high temperature onto a graphite blank. The durable coating seals the graphite material enhancing the corrosive capability and allows the disk to operate at sub-zero to elevated temperatures with minimal effect on the burst performance of the rupture disk.

Features

- The best choice for highly corrosive and broad temperature range applications
- Non-stick surface conforms to FDA regulations
- Resists product build-up – only the coated flat surface of the disk is exposed to the process medium
- Durable coating offers exceptional corrosion resistance
- Sizes 1" (25 mm) thru 24" (610 mm) diameters
- Designed to fit industry standard flanges ASME B16.5, ISO and JIS
- Burst ratings to 1,000 psig (68.95 barg)
- 0% manufacturing range is standard
- Operating pressures to 90% of the disk's marked burst pressure (Contact ZOOK for operating ratio for burst pressures below 40 psig)
- Extended temperature range: -290°F to +500°F (-143°C to +260°C)
- Vacuum support not required for disks with burst pressures of 25 psig and above (Use FS-V Inverted Type for vacuum service)
- All flange group 2 disks are armored
- ASME (UD) and PED (CE) compliance available

