

...the best choice for highly corrosive, broad temperature range and low burst applications

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.

- Sizes 1-1/2" thru 10" diameters
- Burst ratings up to 30 psi (2.07 bar)
(Use FS Inverted Type for higher burst ratings)
- 0% manufacturing range is standard
- Carbon steel armor standard, 316SS optional
- Furnished complete with set of PTFE gaskets – attached
- Extended temperature range: -290°F to +500°F (-179°C to +260°C)
- ASME UD marking not available at this time



Dimensions and Specifications

| Nominal Disk Size (Inches) | Minimum net flow area MNFA (sq. inches) | ASME B16.5 Class 150 Disk Dimensions (inches) | | | Burst Ratings (psig) | |
|----------------------------|---|---|--------|------------|----------------------|------|
| | | Diameter | | | Min. | Max. |
| | | I.D. | O.D. | Thickness* | | |
| 1-1/2 | 0.764 | 1-1/2 | 3-1/4 | 1-1/8 | 20 | 30 |
| 2 | 1.360 | 2 | 4 | 1-1/8 | 6 | 30 |
| 3 | 3.878 | 3 | 5-1/4 | 1-1/8 | 6 | 30 |
| 4 | 5.771 | 4 | 6-3/4 | 1-1/8 | 5 | 30 |
| 6 | 14.781 | 6 | 8-5/8 | 1-1/8 | 4 | 30 |
| 8 | 25.807 | 8 | 10-7/8 | 1-3/8 | 3 | 30 |
| 10 | 32.667 | 10 | 13-1/4 | 1-3/4 | 2 | 30 |

* Standard disk thickness includes gaskets.

▲ For sizes and burst ratings not shown, contact ZOOK

FS-V INVERTED Type disk shown complete with Armor and vacuum support
(Assembly includes set of 2 PTFE gaskets attached)

Bulletin no. 6600
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Printed in U.S.A. 7-08-2500-CGG



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