TENSION/FORWARD ACTING RUPTURE DISCS



ENVIRO-SEAL RUPTURE DISC

The ENVIRO-SEAL Rupture Disc is a flat composite rupture disc, designed to provide economical isolation for low pressure atmospheric storage vessels or to isolate the downstream side of a pressure relief valve. ENVIRO-SEAL Rupture Discs are available in three designs:

- Type I: Burst in one direction only
- Type II & III: Burst in either direction, positive or vacuum, at the same burst pressure

FEATURES/SPECIFICATIONS

SIZES: 1" - 36" (25mm - 900mm)
BURST PRESSURE: 1 - 59 psig (0,069 - 4,07 barg)
MANUFACTURING RANGE:
See Composite Type Rupture Disc Datasheet for available MIN/MAX ratings
MAXIMUM RECOMMENDED OPERATING RATIO: 50%
AVAILABLE MAXIMUM TEMPERATURE LIMIT:
400° F (204° C)
SERVICE: Gas or Liquid
NONFRAGMENTING DESIGN: Yes
WITHSTAND FULL VACUUM: Not Applicable
OPERATING CONDITIONS:
Static, Cyclic or Pulsating
MATERIAL(S):
316 SS, 316L SS, Alloy C276, Nickel, Alloy 400, Alloy 600 and Fluoropolymer
SEAT CONFIGURATION: Flat seat
HOLDERS:
Designed to mount directly between standard bore ASME, DIN or JIS companion flanges
COMPATIBLE WITH THE FOLLOWING ALARM SYSTEM:
Integral B.D.I.®
TAGGING:
Three dimensional stainless steel flow direction tag attached to all sizes
FOR ADDITIONAL INFORMATION REFER TO:
Composite Type Rupture Disc Datasheet



GRAFSERT® RUPTURE DISC

GRAFSERT® Rupture Discs are machined from a monolithic piece of graphite and impregnated with phenolic. Graphite discs are corrosive resistant to many chemicals.

FEATURES/SPECIFICATIONS

SIZES: 1/2" - 24" (13mm - 600mm)
BURST PRESSURE: 0.25 - 720 psig (0,017 - 49,6 barg)
MANUFACTURING RANGE: ZERO
MAXIMUM RECOMMENDED OPERATING RATIO: 80%
AVAILABLE MAXIMUM TEMPERATURE LIMIT:
700° F (371° C)
SERVICE: Gas or Liquid
NONFRAGMENTING DESIGN: No
WITHSTAND FULL VACUUM: with Vacuum Support
OPERATING CONDITIONS: Static, Cyclic or Pulsating
MATERIAL(S): Graphite
SEAT CONFIGURATION: Flat seat
HOLDERS:
Designed to mount directly between standard bore ASME, DIN or JIS companion flanges
COMPATIBLE WITH THE FOLLOWING ALARM SYSTEM:
Integral B.D.I.®
TAGGING: Stainless steel tag attached
FOR ADDITIONAL INFORMATION CONTACT YOUR:
Sales Representative

