Rupture Disc

Rupture Disc Features:

Increases Plug Life
• Disc activates at 60% over required inflation pressure
  - Helps prevent “non-visible” damage to cording
  - Rupture disc won’t burst until well over stated inflation pressure
• No more catastrophic plug failures due to faulty gauges
• Discs can be replaced in field

Improves User Safety
• Reduces the possibility of plug explosion due to over-inflation

Superior components/design
• Aluminum housing - will not rust
• Graphite rupture disc
  - Leak-free design
  - Precision calibrated

Our High-Pressure plugs feature:
• Multi-range use (6 plugs will cover pipe sizes from 4” to 32”)
• Unlike competitive products, Cherne’s new HP plug has the rubber and metal bonded, eliminating fears of separation or rolling off resulting from high backpressures
• Aramid fiber construction
• Optimized design using steel, aramid and natural rubber to ensure longevity and robust construction
• Water must be used to pressurize these plugs due to high working pressure
• Removable and field repairable hardware
• Safety/over-inflation device

Pressurize with water.

Part Number | Plug Description | Bypass Diameter (NPT) | Usage Range | Maximum Back Pressure | Inflation Pressure | Product Weight | Deflated Length | Deflated Diameter | Inflation Pressure | Chain / Eye bolts |
---|---|---|---|---|---|---|---|---|---|---|---|
511088 | 4” – 8” | 3/8” M | 3.8” – 8.2” (97-203 mm) | 150 psi (10,34 bar) | 200 psi (13,79 bar) | 8 lbs (3.63 kg) | 1/8” | 3.8” (97 mm) |
511128 | 8” – 12” | 3/4” M | 7.7” – 12.2” (196-305 mm) | 150 psi (10,34 bar) | 200 psi (13,79 bar) | 24 lbs (10.89 kg) | 16” | 7.7” (196 mm) |
512168 | 12” – 16” | 2” M | 11.9” – 16.2” (302-411 mm) | 150 psi (10,34 bar) | 200 psi (13,79 bar) | 52 lbs (23.59 kg) | 16” | 11.9” (302 mm) |
512208 | 16” – 20” | 2” M | 15.2” – 20.2” (386-508 mm) | 150 psi (10,34 bar) | 200 psi (13,79 bar) | 92 lbs (41.73 kg) | 16” | 15.2” (386 mm) |
512268 | 20” – 26” | 2” M | 19.2” – 26.2” (488-665 mm) | 200 psi (13,79 bar) | 200 psi (13,79 bar) | 146 lbs (66.22 kg) | 16” | 19.2” (488 mm) |
512328 | 26” – 32” | 2” M | 25.8” – 32.2” (655-816 mm) | 200 psi (13,79 bar) | 200 psi (13,79 bar) | 371 lbs (166.28 kg) | 16” | 25.8” (655 mm) |

New Product!

All Rupture Discs are Field Replaceable

240008
Rupture Disc for Test Balls and Air-Loc Plugs with inflation pressures of 22-25 psi.

240068
Rupture Disc for Muni-Balls with inflation pressure of 22-25 psi.

220028
Rupture disc for Test Balls, Muni Balls, and Air-Loc Plugs with inflation pressure of 11-12 psi.

High-Pressure Plugs

Pressurize with water.