



GripTight® Reverse Pressure Test Plug

Verify Longitudinal Strength of Flange-to-Pipe Welds

Key Features

- Subjects the flange-to-pipe weld to full radial, hoop and axial stresses during hydrostatic testing
- Flange-to-pipe welds can be tested without needing to pressurize the entire system
- Optional lanyard assembly acts as visual plug movement indicator allowing the operator to monitor the plug position during testing and halt work if improper installation occurred
- ASME PCC-2 Type I testing device¹

Technical Documents

- [DC2534 - GripTight Reverse Pressure Plug Technical Specification](#)
- [DC2542 - Operating Procedures for ¾" - 1" GripTight Reverse Pressure Test Plugs](#)
- [DC2533 - Operating Procedures for 1½" - 6" GripTight Reverse Pressure Test Plugs](#)
- [DC2535 - Operating Procedures for 8" - 12" GripTight Reverse Pressure Test Plug](#)

Pressure test flange-to-pipe welds with full radial, hoop and axial stresses – the same stresses that would be produced when using a blind to pressurize the entire piping system. Pressure testing can effectively verify the weld integrity providing the user confidence that the flange and weld will properly function when placed into service.

Test Pressure

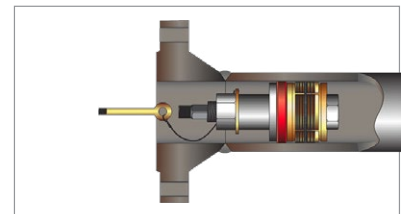
- Up to 2250 PsiG (155 BarG)*

Size Range

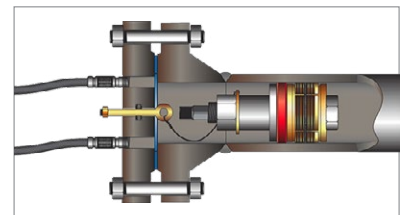
- 2" to 24" NPS (DN50 - DN600)*

Standard Seal Material

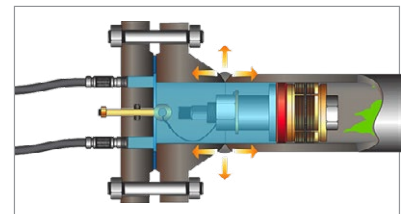
- Urethane**



Step 1: Install Test Plug



Step 2: Install Flange Assembly



Step 3: Test The Weld

*Custom sizes and pressures available upon request.

**Alternate seal materials available including Neoprene, Fluoroelastomer, Silicone, EPDM, Natural Rubber, Nitrile Buna-N, and SBR Buna-S.

¹ASME PCC-2 (Article 503) - "Test Devices for Localized Pressure or Tightness Testing of Welded Repairs"



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