GripTight® Reverse Pressure Test Plug

Solution Overview

GripTight Reverse Pressure (GTRP) test plugs eliminate concerns over inadequate joint strength when pressure testing welded flange connections.

Features

- Plug and test flange act independently of each other so that the weld joint is subjected to real world stresses during pressure testing
- Reuseable up to 50-100 times, further extending return on investment
- Modified Blind Flange and Lanyard Assembly safely monitors plug during testing
- Meets the requirements of ASME/ANSI B16.5

Advantages

- Flange-to-pipe weld is subjected to the full radial, hoop, and longitudinal stresses unlike all other Isolation tools on the market.
- Patented dual-serrated self-gripping design
- GTRP can accomplish Hydrostatic and Pneumatic Testing
- Testing performed with the GTRP Test Plug is quick, easy and safe.

Size/Pressure Range Capabilities

- **Pressures:** Up to 2,250 PsiG (155 BarG), which covers up to ANSI 600# class service.
- **Sizes:** 3/4" to 24" (DN20 - DN600). Custom size/higher pressures available upon request.

Common Questions

Q: Does a GTRP provide adequate testing to verify the longitudinal strength of the flange-to-pipe weld?

A: By isolating the test area between a test flange and our GTRP plug, the flange-to-pipe weld is subjected to the full radial, hoop, and longitudinal stresses, equivalent to the stresses that would be produced when using a test blind to pressurize the entire piping system.

Q: Can the GTRP handle upstream pressure?

A: Sizes 3/4"- 6" have upstream pressure rating up to 1500 PsiG (103 BarG), 8"- 24" safely vent upstream pressure.

Q: Can one GTRP Test Plug be used to test multiple pipe sizes?

A: No, GTRP Test Plugs are size specific to the schedule of the pipe.

Cross-sell / Up-sell Opportunity

- Other Curtiss Wright Isolation Plugs
- GTMAX/GTLBO Plugs
- Modified test flange equipped with a fill and vent port
- Replacement Grippers & Seals
- Hydrotesting pump and accessories.