

## Product Information

The Inspection Plugs product line is designed to assist in Non Destructive Testing (NDT) programs on insulated and non-insulated pipe and vessels. This flange is designed to withstand temperatures up to 500°F and is available in both Aluminium or Stainless Steel versions.

### Aluminum Flange:

Aluminum Alloy 3003, Temper O. .032 THK

Physical Properties: Ultimate Tensile Strength (UTSI)= 17.8-17.9

Typical Yield (TYSI)=7.5-7.6 Elongation (EL4D)= 28.5-29.5

### Stainless Steel Flange (Optional):

Steel alloy T304 Annealed 3B Finish 8% Minimum Nickel. .020" THK

Physical Analysis: YLD2%-43300 TENS=101000 ELONG=61 R155T=83 Gain=8

### Strain Relief Washer Molded into Plug:

Stainless Steel Flat washer .156 x .375 x .049 (to provide strain relief for lanyard)

### Lanyard Assembly:

1/16" 7 x 7 Stainless Steel Wire Rope/Flexible Aircraft Style

Construction: 7 Strands with 7 wires per strand.

Alloy: 302/304 Stainless Steel/Copper Oval Pressed Sleeve

Material: Copper per Type 102 (UNS C10200) or Type 103 (UNS C10300) or Type 122 (UNS C12200) in accordance with ASTM 875

### Silicone Plug:

Compound #SVX-16194A-6 RED Silicone.

Compression Molded Physical Properties: Durometer A = 45-55, Tensile > 700, Elongation > 350%, Tear Die B > 50.

High resistance to ultraviolet radiation.

### O Ring:

Compound #N7001 Nitrile Physical Properties: Durometer A=70, Tensile=2130, Elongation=470%

### Corrugated Transition Gasket:

Compound #110-60 Neoprene

Physical Properties: Hardness, Shore A=60, Ultimate Tensile 2770 PSI, Elongation=625%, Tear=318PSI.

High resistance to ultraviolet radiation. Available for 2 1/2", 4" and 5" Flanges)

### Available Sizes

1 3/4" APF Contoured for 5"-6" O.D. jacketing

2 1/2" APF Flat 2 1/2" APF Flat (Can be field cut to min 5" O.D. jacketing). 1 1/4" Corrugated transition gasket available.

4" APF Flat 1 1/4" Corrugated transition gasket available

5" APF Flat 1 1/4" Corrugated transition gasket available



Subject to price change and availability.

For more information on GLT Products, please call toll-free at 800.874.1748 or online at [www.gltproducts.com](http://www.gltproducts.com).

When working with 1 1/4" corrugated jacketing, GLT products offers a secure and permanent solution to mount an inspection port WITHOUT the need to flatten the ridges or install a separate transition sheet first. Simply install our transition gasket under the flange of the inspection port assembly during the installation procedure and secure in place with a mastic or silicone.

