



PSS

The Onyx Isolator Ring provides a simple, method to measure pressure of slurries and corrosive fluids. The PSS series is compatible with threaded pipe connections.

Onyx ultra-deep vacuum filling insures the highest accuracy in the industry. The patented "Module Seal" - standard on all Onyx Isolator Rings - allows instruments to be or replaced or calibrated with minimum down time.

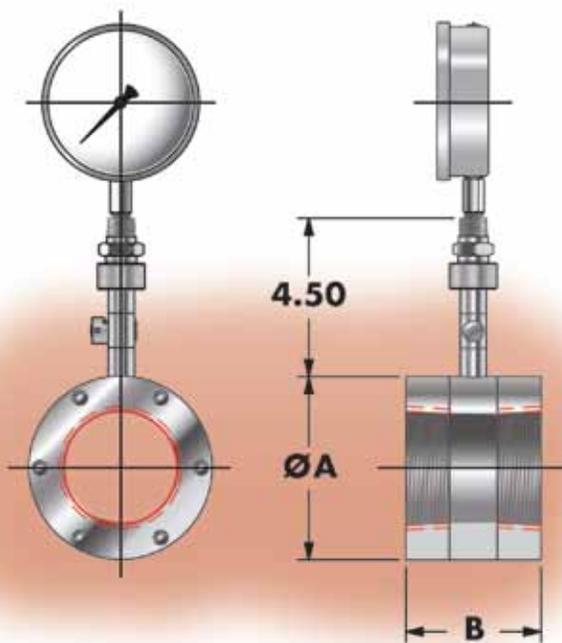
Materials of Construction

Center Section:	Carbon Steel	316 Stainless Steel
End Plates: 316 Stainless Steel	Acetal Titanium	Kynar Carpenter-20 UHMW-PE
Elastomer: (Available with optional Teflon coatings)	Nitrile (Buna-N) EPDM (Nordel) Neoprene Viton Hypalon	-30°F → 220°F -40°F → 300°F -20°F → 220°F -15°F → 375°F -10°F → 250°F
Fill Fluid:	Silicone Fluid Food Grade Silicone	-40°F → 400°F -20°F → 400°F
Module Seal Stinger Fitting:	Brass	316 Stainless Steel
Pipe Fittings:	Carbon Steel	316 Stainless Steel
Pressure Range:	Vacuum to 200 psi	The Onyx Isolator ring has been tested by an independent lab to 250 psi.



Benefits:

- Low-Cost
- Superior accuracy compared to diaphragm seals
- Instruments can be replaced without removing the isolator ring from the pipe
- Immune to errors caused by ambient temperature fluctuations
- Integral snubber eliminates gauge fluctuations at no additional cost
- Silicone oil fill fluid is safe, non-toxic, non-corrosive, and stable from -40°F to +400°F



Size	ØA	B
1/2	2.50	2.87
3/4	2.50	2.87
1	2.50	3.37
1 ½	3.25	3.37
2	4.00	3.37
3	5.25	3.87
4	6.75	4.12