

# Internal/External Adaptor Seal Specifications

## Isobutylene Tripolymer Tape Stainless Steel Clamp and Band

### Properties:

Specific Gravity (ASTM D792):	1.38 (+or-) 0.05
Percent Solids (ASTM C771):	100%
Service Temperature Range:	-60F to 212F (-51C to 100C)
Penetration:	90 to 100 (9.0 to 10.0mm) 300 gram cone @ 77F.
Flexibility (ASTM C765):	No cracking or loss of adhesion at -60F (-51C)
Webbing and Elongation:	1,000% minimum @ 77F 500% minimum @ 32F
Adhesion Tensile Strength (ASTM C907)	20psi minimum
Water Resistance:	At 120F sealant will maintain adhesion to metal surface indefinitely submerged in water.
Compressibility:	@77F 75psi max., 100psi @ 0F compressibility is measured as the force required to compress a square section of tape to 50% of it's initial thickness at the rate of 2 in. per minute.
Chemical Resistance:	Excellent to water, ozone, alcohols, acids and bases
Additional Requirements:	Military specifications Mil-C-18969 B, Type II, Base B federal-TT-C-1796A, Type II Class B supersedes Mil-C-18969B

### Stainless Steel Clamp and Band

Clamp: Band-it-screw-seal stainless steel clamp.

Band: Type 304 austenitic, non-magnetic stainless steel band .020"(.51mm) thick, .5" width.

Both products are excellent against corrosion in underground installations.