

PRODUCT DATA

TC MOLDABLE SEALANT

Highly Conformable
Dielectric Putty

PRODUCT DESCRIPTION

TC MOLDABLE SEALANT is a 60 mil ambient temperature below grade cold applied dielectric putty. Designed to be used as a filler material to contour gaps, voids and irregular surfaces and provide a seamless water tight barrier preventing overwraps from bridging over the substrate.

TC MOLDABLE SEALANT serves as the initial protection against corrosion and electrolysis on irregular fittings and hard to coat metal substrates. A bonded protective coating with exceptional cohesive strength, flexibility and versatility, TC MOLDABLE SEALANT is appropriate for coating girth welds, longitudinal weld seams, bolts, mechanical couplings transitional bell and spigot joints, saddle tees, leak clamps, anode wire connections and anywhere a coating filler is needed.

TC MOLDABLE SEALANT has Integrated Primer, the primer is in the adhesive. This exclusive formulation eliminates the environmental and safety concerns of liquid primer and makes clean-up fast and easy. Integrated Primer makes the use of a liquid primer totally optional.

COMPOSITION

TC MOLDABLE SEALANT a 60 mil tape of highly aggressive synthetic elastomeric adhesive with integrated primer. The primer is in the adhesive.

RELEASE LINER: 2.5 mils polymer film. This easily removed release liner prevents contamination of the adhesive prior to its use and keeps the adhesive from prematurely bonding prior to use.

SURFACE PREPARATION

The surface should be clean, dry, and free of oil, grease rust, scale, sharp points, burrs, and anything that would interfere with the coatings bonding to the pipe or structures surface.

APPLICATION

MOLDABLE SEALANT: Remove the release liner as the sealant is being applied. The sealant has a release liner on both sides. Use hand pressure to mold and conform the sealant into irregular pipe configurations sealing and bonding to the bends and pipe treads and difficult coating surfaces.

LIQUID PRIMER (Optional) - A thin 4 mil coat of TC OMNIPRIME may be applied to the pipe surface and allowed to dry to touch or completely dry before applying the pipe wrap.

(Refer to coating specifications for more detailed application instructions.)

TC MOLDABLE SEALANT

TECHNICAL DATA

System Description	
Color	Gray
Bonding System	Pressure Sensitive
Adhesive w/ Integrated Primer	Elastomeric

Property	T-Tape Gray	Test Method
Cathodic Disbondment	Passed	ASTM G 8
Adhesion to Primed Steel	10.3 lbs/ in. width	ASTM D 1000
Flexibility	1/2 radius @ -20°F No Cracking 12.7 radius @ -2.8.9°C	
Dielectric Strength	Exceeds 12 kV	
Thickness (Total)	60 mils	

Conformability	yes	@ 72°F (22°C)
	yes	@ 50°F (10°C)
	yes	@ 0°F (-18°C)
Water Absorption	< 0.05	ASTM E 96 B
Insulation Resistance	10 ⁶ megohms	
Leachable Chlorides	None	
Service Temperature Range	-20°F / +140°F (60°C)	

CASE PACKAGING

Coating Material 100 Square Feet per Case
Case Weight 41 LBS

SKU#	Roll Size	Rolls Per Case
232021	2" X 50'	12
232041	4" X 50'	6
232061	6" X 50'	4

MADE IN USA 

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