CHASE Construction Products

We make a material difference

Moldable Sealant

Putties, Compounds and Sealants

Tapecoat®

Technical Data Sheet

DESCRIPTION

Tapecoat Moldable Sealant is 60 mil, cold applied dielectric putty. It is designed to be used as a filler material to fill gaps and voids and to contour irregular surfaces; providing a seamless, water tight barrier preventing overwraps from bridging over the substrate. The Moldable Sealant serves as the initial protection against corrosion and electrolysis on irregular fittings and hard to coat metal substrates.

Tapecoat Moldable Sealant has an integrated primer; the primer is in the adhesive. This exclusive formulation allows for faster application as there is no need to apply a separate primer when application temperatures are above 40°F. The Tapecoat Moldable Sealant is VOC free when applied without a primer. When used with Tapecoat Omniprime it will meet even the strictest environmental laws.

RECOMMENDED USE

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 filling putty is needed.

SUBSTRATE COMPATIBILITY

Steel, Stainless Steel, Ductile Iron, Other Metals, FBE, PE, PP

SURFACE PREPARATION

SSPC SP-2 Hand Tool Cleaning, SSPC SP-3 Power Tool Cleaning or SSPC SP-6/ NACE No. 3 Commercial Blast Cleaning

OPTIONAL PRIMER

Tapecoat Moldable Sealant has an integrated primer to allow for quick, easy and permanent adhesion. When required by the job specification or when application temperatures are below 40°F, a 4 mil WFT of Tapecoat Omniprime may be applied to the pipe surface to ensure the required bond.

REFERENCE

Tapecoat Moldable Sealant can be used as a filler material in conjunction with other coatings to meet all of the performance criteria listed in the most recent revisions of:

NACE SP0109
ANSI/AWWA C209 and C216

SAFETY

Refer to Material Safety Data Sheet: MSDS-TC-GRAY

APPLICATION

Refer to Application Guidelines: AG-COLD-APPLIED-ELASTOMERIC-TAPE

Chase Corporation

An ISO 9001:2008 REGISTERED COMPANY

Typical Data

Property	US Customary	Metric	Test Method
Total Thickness*	60 mils*	1.52 mm*	ASTM D1000
Cathodic Disbondment, 30 days	<0.4 in² (No Primer)	<10 mm radial (No Primer)	ASTM G8
Adhesion to Primed Steel (tested with tape outer wrap)	12.5 lbf/in	2.20 N/mm	ASTM D1000
Water Vapor Transmission Rate @100°F (38°C)	<0.01 g/(24h*100 in²)	<0.05 g/(h*m^2)	ASTM E96 Method B
Dielectric Strength	>12kV	>12kV	ASTM D149
Holiday Detection Setting	9700 V	9700 V	NACE RP0274
Insulation Resistance	10^6 Megaohms	10^6 Megaohms	ASTM D257
Water Absorption	<0.5%	<0.5%	ASTM D570
Leachable Chlorides	None	None	
Service Temperature Range**	-20°F to +140°F**	-29°C to +60°C**	

* 30 and 40 mil (0.76 and 1.02mm) Moldable Sealant is also available upon request.
** For a higher service temperature, please use Royston Butyl Moldable Sealant (C125 Tac Tape) which provides protection up to 185°F (85°C).

ORDERING INFORMATION

Moldable Sealant

Roll Size	Rolls Per Case
2" x 50'	12
4" x 50'	6
6" x 50'	4

CASE PACKAGING
1.0 SQ (100 ft^2) per case
Case Weight: 41 lbs

Liberty Sales & Distribution, LLC
2880 Bergey Road, Suite F, Hatfield, PA 19440
Phone: (877) 373-0118 Fax: (888) 850-3787
Email: sales@libertysales.net Web: www.libertysales.net