



Tapecoat®

Technical Data Sheet

DESCRIPTION

Tapecoat T-Tape is a 65 mil, cold applied coating designed to provide protection against corrosion and electrolysis on below grade irregular fittings and hard to coat metal substrates. Tapecoat T-Tape has a thin, flexible backing laminated to 62 mils of highly aggressive adhesive. This coating system provides a method of coating pipe structures that would normally require the use of a liquid coating or mastic. No waiting time, cure time or drying time is required as T-Tape can be backfilled immediately after application.

Tapecoat T-Tape 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 T-Tape coating system is VOC free when applied without a primer. When used with Tapecoat Omniprime the coating system will meet even the strictest environmental laws.

RECOMMENDED USE

Appropriate for coating below grade bends, tees and metal structures.

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 T-Tape 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 T-Tape meets all of the performance criteria listed in the most recent revisions of:

NACE SP0109 (Cold-Applied Laminate Polymeric Tapes)
 ANSI/AWWA C209 (Type II)

SAFETY

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

APPLICATION

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

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Typical Technical Data

Property	US Customary	Metric	Test Method
Total Thickness	65 mils	1.65 mm	ASTM D1000
Backing Thickness	3 mils	0.08 mm	ASTM D1000
Adhesive Thickness	62 mils	1.57 mm	ASTM D1000
Cathodic Disbondment, 30 days	<0.4 in ² (No Primer)	<10 mm radial (No Primer)	ASTM G8
Adhesion to Primed Steel	Exceeds Backing Strength	Exceeds Backing Strength	ASTM D1000
Adhesion to Backing (Self)	Exceeds Backing Strength	Exceeds Backing Strength	ASTM D1000
Tensile Strength	11 lbf/in	1.9 N/mm	ASTM D1000
Elongation	1000%	1000%	ASTM D1000
Dielectric Strength	Exceeds 12 kV	Exceeds 12 kV	ASTM D149
Holiday Detection Setting	10000 V	10000 V	NACE RP0274
Water Vapor Transmission Rate @100° F (38° C)	<0.01 g/(24h*100 in ²)	<0.05 g/(h*m ²)	ASTM E96 Method B
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	

ORDERING INFORMATION

T-Tape

Roll Size	Rolls Per Case
2" x 25'	12
4" x 25'	6
6" x 25'	4

CASE PACKAGING

0.5 SQ (50 ft²) per case
Case Weight: 23 lbs