



Tapecoat®

Technical Data Sheet

DESCRIPTION

Tapecoat Cold Tape (CT) is 35 mil, cold applied coating designed to provide protection against corrosion and electrolysis on below grade metal substrates. Combined with strong, flexible film backing, Tapecoat CT provides a protective coating with cohesive strength and durability that conforms well to irregular shapes.

Tapecoat CT 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 CT 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

The flexible backing makes it a good coating for hand wrapping. Appropriate for coating and reconditioning small to moderate diameter pipe, bends, tees and metal structures, as a single component coating below grade.

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 CT 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 CT 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	35 mils	0.89 mm	ASTM D1000
Backing Thickness	7 mils	0.18 mm	ASTM D1000
Adhesive Thickness	28 mils	0.71 mm	ASTM D1000
Cathodic Disbondment, 30 days	<0.4 in ² (No Primer)	<10 mm radial (No Primer)	ASTM G8
Adhesion to Primed Steel	10 lb/in	1.75 N/mm	ASTM D1000
Tensile Strength	14 lb/in	2.45 N/mm	ASTM D1000
Elongation	800%	800%	ASTM D1000
Dielectric Strength	Exceeds 12 kV	Exceeds 12 kV	ASTM D149
Holiday Detection Setting	7400 V	7400 V	NACE RP0274
Impact Resistance	20 in lb (double wrap)	2.3 J (double wrap)	ASTM G14
Water Vapor Transmission Rate	<0.005 g/(24h*100 in ²)	<0.003 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 +125° F	-29° C to +52° C	

ORDERING INFORMATION

Roll Size	Rolls Per Case
2" x 75'	12
4" x 75'	6
6" x 57'	4

CASE PACKAGING
1.5 SQ (150 ft²) per case
Case Weight: 37 lbs