



# Tapecoat®

## Technical Data Sheet

**DESCRIPTION**

Tapecoat Envirotape is a 70 mil VOC Free, cold applied, wax based tape designed to protect piping and metal structures from damage and deterioration caused by corrosion at temperatures up to 250°F (121°C). This multi-environment coating is appropriate for use below grade in dry, damp or wet operating conditions. The Envirotape encapsulates the surface in order to protect it, this allows for easy inspection of the substrate and repair of the coating. The tape is used with the Enviroprime Primer which completely wets out the substrate surface and displaces any moisture.

Envirotape is a highly moldable protective coating that will easily conform to irregular contours and difficult to coat structures.

**SUBSTRATE COMPATIBILITY**

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

**RECOMMENDED USE**

Ideal for protecting structures such as fittings, flanges, valves, mechanical couplings, vault piping and other complex piping and metal structures.

**SURFACE PREPARATION**

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

**PRIMER**

Tapecoat Envirotape requires a primer to ensure maximum effectiveness of the system. Apply a minimum of 4 mils of Tapecoat Enviroprime using a gloved hand or by mechanical means. The Envirotape can be applied immediately following the primer application.

**OPTIONAL OUTERWRAP**

To seal the system before burial the Envirotape can be wrapped with Tapecoat Envirostrech wrap. This wrap is a 1 mil plastic outerwrap. An abrasion resistant outerwrap, Tapecoat Rugged Wrap, is available as well. There may be some color bleed through of the brown Envirotape through the Rugged Wrap.

**REFERENCE**

Envirotape and the Enviroprime together meet all of the performance criteria listed in the most recent revisions of:

NACE RP0375 (Cold-Applied Wax-Tape Coating System)  
 ANSI/AWWA C217

**SAFETY**

Refer to Material Safety Data Sheet: MSDS-Envirotape, MSDS-Enviroprime

**APPLICATION**

Refer to Application Guidelines: AG-COLD-APPLIED-PET-WAX-TAPES

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### ENVIROTAPE TYPICAL DATA

Property	US Customary	Metric	Test Method
Color	Brown	Brown	
VOC Content	0 lb/gal	0 g/l	
Total Thickness	70 mils	1.78 mm	ASTM D1000
Cathodic Disbondment, 30 days	<0.2 in <sup>2</sup>	<5 mm radius	ASTM G8
Dielectric Strength	Exceeds 12 kV	Exceeds 12 KV	ASTM D149
Water Vapor Transmission Rate	<0.01 g/(24h*100 in <sup>2</sup> )	<0.05 g/(h*m <sup>2</sup> )	ASTM E96 Procedure B
Tensile Strength	25 lb/in	4.38 N/mm	ASTM D1000
Leachable Chlorides	None	None	
Service Temperature Range	-20°F to 250°F	-29°C to 121°C	

### ENVIROPRIME PRIMER TYPICAL DATA

Property	US Customary	Metric	Test Method
Color	Brown	Brown	
VOC Content	0 lb/gal	0 g/l	
Service Temperature Range	-20°F to 250°F	-29°C to 121°C	

### ORDERING INFORMATION

#### Envirotape

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

#### Enviroprime

Container Size	Containers Per Case	Weight
1 Gallon	4	36# per Case

#### CASE PACKAGING

0.5 SQ (50 ft<sup>2</sup>) per case  
Case Weight: 20 lbs