



# 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 <sup>2</sup> (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 <sup>2</sup> ) | <0.05 g/(h*m <sup>2</sup> ) | 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 ft<sup>2</sup>) per case

Case Weight: 23 lbs



Calgary : +1 (403) 243-0012

Edmonton : +1 (780) 452-1792

Regina : +1 (306) 721-6933

Brampton : +1 (905) 846-0212