

Tapecoat®

Technical Data Sheet

DESCRIPTION	<p>Tapecoat M65 Pads (or Gray Pads) are a 65 mil, gray polypropylene mesh-backed, cold applied, below grade coating designed to provide superior protection for anode wire connections and as a patch to repair damaged coatings. The coating provides protection against corrosion and electrolysis on metal substrates. The mesh backing allows the coating to conform well to the pipe surface but does not stretch or elongate which gives the M65 its exceptional strength against soil stress. The M65 Pads are available in a 6"x6" pad.</p> <p>Tapecoat M65 Pads have 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 M65 Pads are VOC free when applied without a primer. When used with Tapecoat Omniprime the coating system will meet even the strictest environmental laws.</p>
RECOMMENDED USE	Appropriate for anode wire connections and as a patch to repair damaged coatings.
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 M65 Pads have 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	<p>Tapecoat M65 Pads can be used as a patch material in conjunction with other coatings to meet all of the performance criteria listed in the most recent revisions of:</p> <p>NACE SP0109 ANSI/AWWA C209</p>
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	10 mils	0.25 mm	ASTM D1000
Adhesive Thickness	55 mils	1.40 mm	ASTM D1000
Cathodic Disbondment, 30 days	<0.4 in ² (No Primer)	<10 mm radial (No Primer)	ASTM G8
Adhesion to Primed Steel	12.5 lbf/in	2.20 N/mm	ASTM D1000
Adhesion to Backing (self)	8 lbf/in	1.41 N/mm	ASTM D1000
Tensile Strength	75 lbf/in	13.1 N/mm	ASTM D1000
Elongation	10%	10%	ASTM D1000
Dielectric Strength	Exceeds 12 kV	Exceeds 12 kV	ASTM D149
Holiday Detection Setting*	10000 V	10000 V	NACE RP0274
Impact Resistance	14 in lb	1.6 J	ASTM G14
Puncture Resistance	200 lbf	890 N	ASTM D1000
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	

* Be cautious when testing for holidays, the suggested detection setting may be different for the M65 Pads than the mainline pipe coating. Damage to the mainline pipe coating can occur if the setting used is too high. Please consult the manufacturer of the mainline coating for specific requirements.

** For a higher service temperature, please use Royston Handy Cap which provides protection up to 185°F (85°C).

ORDERING INFORMATION

M65 Pads

Pad Size	Pads Per Case
6"x 6"	75

CASE PACKAGING

0.2 SQ (18.75 ft²) per case
Case Weight: 10 lbs