



PRODUCT DATA

**TAPECOAT
HTMB
300°F COATING SYSTEM**

High Temperature Mesh Back Tape
Below Grade Use

PRODUCT DESCRIPTION

TAPECOAT HTMB – a 40 mil tape wrap and primer system, applied with a 50% overlap (total coating thickness 80 mills) providing protection against corrosion and electrolysis on metal substrates exposed to elevated temperatures in below grade applications.

Tapecoat HT/MB is a cold tape wrap with an aggressive high temperature adhesive laminated to the HT/MB polypropylene mesh backing. The woven mesh backing gives the coating added strength against soil stress. HT/MB is appropriate for coating below grade piping with service temperatures up to 300°F (149°C).

PRIMER SELECTION

<u>Service Temp</u>	<u>USE Selected Primer</u>
Under 180°F (82°C)	TC OMNIPRIME brush applied liquid primer
Up to 300°F (149°C)	TC 7000 two-part epoxy primer.

COMPOSITION

BACKING: 10 mil Black polypropylene mesh fiber backing.

ADHESIVE: 30 mils of highly aggressive synthetic elastomeric adhesive.

RELEASE LINER: This 2.5 mils polymer film release liner prevents contamination of the adhesive prior to use and keeps the adhesive from prematurely bonding to the tape backing while in the roll.

SURFACE PREPARATION

Prior to coating application the surface should be clean, dry, free of oil, grease rust, scale, sharp points and burrs.

APPLICATION

PRIMER

180°F(82°C) Maximum Service Temperature
TC OMNIPRIME Primer

Apply a thin (minimum 4 mil) coat to the pipe surface and allow it to dry until tacky or completely dry before applying the pipe wrap.

300°F (149°C) Maximum Service Temperature
TC7000 Epoxy Primer

Mix according to product directions and apply at a 6 to 10 mil thickness using an epoxy pad, roller or brush.

TAPE

Apply tape with tension using a 50 per cent minimum overlap. Remove the release liner as the tape is being applied manually or with the use of a tape wrap machine.

(Refer to coating specifications for more detailed application instructions.)

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Additional Information and Technical Data
available from:

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CHASE TAPECOAT

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TAPECOAT HTMB HIGH TEMPERATURE COATING SYSTEM

TECHNICAL DATA

Description	
Color	Black
Bonding System	Pressure Sensitive
Backing	Woven Polypropylene
Adhesive	Elastomeric

Tape Property	Result (English)	Result (Metric)	Test Method
Service Temperature			ASTM D 1000
- Primer TC7000	300°F maximum	149°C maximum	
- Primer TC OMNIPRIMER	180°F maximum	82°C maximum	
Adhesion to Primed Steel	250 oz/inch width	2.79kg/cm width	
Tensile Strength	50 lbs/inch width	8.95 kg/cm width	
Thickness (Total)	40 mils		
- Backing	10 mils (approx.)	mm (approx.)	
- Adhesive	30 mils (approx.)	mm (approx.)	
Pliability	No Cracks		ASTM D 146
Holiday Detection	7,000 volts	7,000 volts	NACE RD 02 74
Fungal Resistance	Observed Growth: None		ASTM G 21
Bacteria Resistance	Observed Growth: None		ASTM G 22
Water Vapor Transmission	.01-0.20 g/100in ² /24 hr @ 100°F	.015-3.10g/m ² /24 hr @ 37.77°C	ASTM E 96 B
Leachable Chlorides	None	None	
Service Temperature Range	-20°F / +140°F	29°C / +60°C	

CASE PACKAGING

Coating Material 100 Square Feet per Case
Case Weight 32 LBS

SKU#	Roll Size	Rolls Per Case
256021MB	2" X 50'	12
256041MB	4" X 50'	6
256061MB	6" X 50'	4

MADE IN USA 

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