



**PRODUCT DATA**

# TAPECOAT

## Tapecoat 20

### Hot Applied Coal Tar Coating in a Tape Form

PRODUCT DESCRIPTION

TAPECOAT 20 is a 58 mil coal tar coating, used as an ambient temperature bellow grade protection against corrosion and electrolysis. This coating is designed to make the application of a high quality coal tar coating system, easier, safer and more efficient to use and apply.  
A Tapecoat original since 1941.

BASIC USE

TAPECOAT 20 is appropriate for coating new construction, reconditioning, coating girth-welds, bends, tees and fittings. Resistant to low exposures of hydrocarbons, it can offer an effective barrier to gas, oil and chemical spills. Will not blister, wrinkle or thermal expand when exposed to high field temperatures. Mechanically, Tapecoat 20 is a tough abrasion and impact resistant coating that can to be used for pipe pushes and small diameter directional boring.

COMPOSITION

Tapecoat 20 uses a blend of coal tar and other materials specially formulated for maximum corrosion prevention. Tapecoat's coal tar protective coating system has proven to be more stable and durable, less susceptible to bacteria and biological growth, less permeable to moisture and more resistant to exposure to hydrocarbons than bitumen asphalt coatings.

This exclusive coating formulation is reinforced by the use of a fully saturated high tensile strength fabric carrier with a polyester film functioning as a layer separation in the roll and an additional outer reinforcement layer on the pipe.

SURFACE PREPARATION

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

COATING APPLICATION

PRIME: Apply a thin coat of primer (minimum 4 mil) to the pipe surface.

Companion primer: TC OMNIPRIME

TAPE: Apply with the use of a wide mouth propane torch or other suitable heating device. Heat the underside of the tape and apply tension as the tape is being wrapped on the pipe.

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

REFERENCE Standards and Practices:

AMERICAN WATER WORKS ASSOCIATION  
ANSI/AWWA C203-08, Standard for Coal-Tar Protective Coatings and Linings for Steel Water Pipelines - Enamel and Tape Hot Applied

NACE: SP0109-2009 Field Application of Bonded Tape Coatings for External Repair, Rehabilitation, and Weld Joints on Buried Metal Pipelines

FEDERAL SPECIFICATION HHT-30

Rck810

Additional Information and Technical Data available from:

[www.Tapecoat.com](http://www.Tapecoat.com)  
[customerservice@Tapecoat.com](mailto:customerservice@Tapecoat.com)

**CHASE TAPECOAT**

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### HOT APPLIED PIPE WRAP

## TECHNICAL DATA

Description	
Color	Black
Backing	Fabric Carrier
Adhesive	Hot Melt Coal Tar
Compatible Primer	TC Omniprime

Property	Result (English)	Result (Metric)	Test Method
Bacteria resistance	EXCELLENT	EXCELLENT	ASTM G 22
Penetration	3-20 1/10 mm (77°F,100g, 5 sec)	3-20 1/10 mm (25°C,100g, 5 sec)	ASTM D 5
Holiday Detection Voltage	10,000 V	10,000 V	
Cathodic Disbondment	< 0.1 in <sup>2</sup>	< 0.75 mm radius	ASTM G 8
Adhesion to Primed Steel	9 lb/inch width	1.6 kg/cm width	ASTM D 1000
Tensile Strength	60-70 lb/in width	10.7-12.5 kg/cm width	ASTM D 1000
Dielectric Strength	Exceeds 12 kV	Exceeds 12 kV	ASTM D 1000
Thickness	58 +/- 2 mils	1.47 +/- .05 mm	ASTM D 1000
Hydrocarbon Resistance	EXCELLENT	EXCELLENT	ASTM G 20

Conformability (when heated)	@ 72°F	@ 22°C	yes
	@ 50°F	@ 10°C	yes
	@ 0°F	@ -18°C	yes

Impact Resistance	40.0 +/- 1.5 in lb	46 +/- 1.7 kg-cm	ASTM G 14
Water Vapor Transmission	6.5 x 10 <sup>-3</sup> perms	6.5 x 10 <sup>-3</sup> perms	ASTM E 96 B
Water Absorption	0.8% (%wt / 24hrs)	0.8% (%wt / 24hrs)	ASTM D 570
Service Temperature	-20 to 120°F	-29 to +49°C	

## CASE PACKAGING

Coating Material 150 Square Feet per Case  
Case Weight 70 LBS

SKU#	Roll Size	Rolls Per Case
200021	2" X 75'	12
200031	3" X 75'	8
200041	4" X 75'	6
200061	6" X 75'	4

MADE IN USA 

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