



# Tapecoat®

## Technical Data Sheet

<b>DESCRIPTION</b>	<p>TC20 AS is a 65 mil hot applied, below grade asphalt tape coating designed to provide superior soil stress resistance on pipelines with service temperatures up to 120° F (49° C). This coating provides protection against corrosion and electrolysis on metal substrates. TC20 AS is a tough, abrasion and impact resistant coating.</p> <p>TC20 AS can be applied at temperatures as low as 0° F. TC20 AS must be applied using wide mouth propane torch to preheat the pipe and the tape as it is being applied. TC20 AS requires the use of a primer prior to application.</p>
<b>RECOMMENDED USE</b>	<p>Appropriate for coating new construction, reconditioning, coating girth-welds, bends, tees and fittings. TC20 AS has good adhesion to coal tar coatings and is an excellent alternative to coal tar based hot applied tapes.</p>
<b>SUBSTRATE COMPATIBILITY</b>	<p>Steel, Stainless Steel, Ductile Iron, Other Metals, FBE, PE, CTE</p>
<b>SURFACE PREPARATION</b>	<p>SSPC SP-2 Hand Tool Cleaning, SSPC SP-3 Power Tool Cleaning or SSPC SP-6/ NACE No. 3 Commercial Blast Cleaning</p>
<b>PRIMER</b>	<p>TC20 AS requires a primer to allow for permanent adhesion. A 3–3.5 mil WFT of Tapecoat AS Primer should be applied and allowed to dry prior to application of the tape.</p>
<b>REFERENCE</b>	<p>TC20 AS meets all of the performance criteria listed in the most recent revisions of:</p> <p style="padding-left: 40px;">NACE SP0109 (Hot Applied Tapes)</p>
<b>SAFETY</b>	<p>Refer to Material Safety Data Sheet: MSDS-TC20AS</p>
<b>APPLICATION</b>	<p>Refer to Application Guidelines: AG-TC20AS</p>

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### Typical Technical Data

Property	US Customary	Metric	Test Method
Total Thickness	65 mils	1.65 mm	ASTM D1000
Cathodic Disbondment, 30days	<0.4 in <sup>2</sup>	<10 mm radial	ASTM G8
Adhesion to Primed Steel	15 lbf/in	2.6 N/mm	ASTM D1000
Adhesion to Self	15 lbf/in	2.6 N/mm	ASTM D1000
Tensile Strength	125 lbf/in	21.9 N/mm	ASTM D1000
Dielectric Strength	Exceeds 15 kV	Exceeds 15 kV	ASTM D149
Holiday Detection Setting	10 kV	10 kV	NACE RP0274
Impact Resistance, Single Layer	45 in lb	5.1 J	ASTM G14
Double Layer	135 in lb	15.3 J	
Water Absorption	<1%	<1%	ASTM D570
Service Temperature Range	-20°F to 120°F	-29°C to +49°C	

### ORDERING INFORMATION

Roll Size	Rolls Per Case
2" x 75'	12
3" x 75'	8
4" x 75'	6
6" x 75'	4
12" x 75'	2

**CASE PACKAGING**  
1.5 SQ (150 ft<sup>2</sup>) per case  
Case Weight: 70 lbs