



TECHNICAL DATA

RENWRAP[®] 300

General Utility Tape

DESCRIPTION

RENWRAP 300 is a black low density polyethylene film, calendered with a rubber adhesive. The product is available in 10, 12 and 20 mil thicknesses.

APPLICATIONS

- General pipeline utility tape for use on small diameter pipe joints, tees and ells

PRODUCT BENEFITS

- Can either be applied by hand or by machine to achieve uniform, consistent tension, particularly at welded joints
- Single 20 mil wrap can take the place of a double wrap of 10 or 12 mil material
- Can be applied over a wide range of temperatures
- Exhibits good adhesion to plastic and F.B.E. pre-coated pipe

TECHNICAL PROPERTIES

	10 mil mm (mils)	12 mil mm (mils)	20 mil mm (mils)
Total Thickness	0.254 (10)	0.305 (12)	0.508 (20)
Backing Thickness(LDPE)	0.178 (7)	0.203 (8)	0.381 (15)
Adhesive Thickness (rubber)	0.076 (3)	0.102 (4)	0.127 (5)

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The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions. **THE PRODUCTS DISCUSSED HEREIN ARE SOLD WITHOUT ANY WARRANTY AS TO MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED.** No representative of ours has any authority to waive or change the forgoing provisions but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to their needs and to the circumstances prevailing in their business. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent.

TECHNICAL TEST DATA

	10 mil		12 mil		20 mil	
	<u>kg/cm</u> (width)	<u>lbs./inch</u> (width)	<u>kg/cm</u> (width)	<u>lbs./inch</u> (width)	<u>kg/cm</u> (width)	<u>lbs./inch</u> (width)
Adhesion ¹ (to primed steel)	1.7	9.4	1.8	10	2.2	12.5
Tensile Strength ¹	4.46	25	4.46	25	5.36	30
Elongation ¹	150%		150%		175%	
Dielectric Strength ¹	11KV		13 KV		20KV	
Insulation Resistance ²	1,000,000 Megohms					
Water Vapor Transmission Rate ³	< 0.2g/100 in ² /24 Hr.					
Temperature Range						
Application (Ambient)	-34°C to 71°C (-30°F to 160°F)					
In-Service (Operating)	-34°C to 71°C (-30°F to 160°F)					

¹ASTM D - 1000 ²ASTM D 257 ³ASTM E 398

*Values are listed averages and should not be used as maximums or minimums. For the establishment of purchasing specifications, please contact the Pipeline Division.