



TECHNICAL DATA

RENWRAP[®] 330L

Pipeline Joint/Handwrap

DESCRIPTION

RENWRAP 330L is a low density polyethylene film, calendered with a butyl rubber adhesive. The product is available in black, white, gray and light blue. The product is supplied with a release liner to facilitate roll unwinding.

APPLICATIONS

- Applications where a high bond at the overlap is required in pipeline joint/handwrap for field joints, fittings, ells and tees

PRODUCT BENEFITS

- Compatible with coal tar, fusion bond epoxy, asphalt and polyethylene pipeline coatings
- Can be applied over a wide range of temperatures
- Available in thicknesses for both small and large diameter pre-coated pipe
- Excellent for high bond overlap and plastic pre-coated pipe as specified
- Meets AWWA C209 Standard

TECHNICAL PROPERTIES

	25 mil	35 mil	50 mil
	mm (mils)	mm (mils)	mm (mils)
Total Thickness	0.635 (25)	0.889 (35)	1.270 (50)
Backing Thickness (LDPE)	0.178 (7)	0.178 (7)	0.254 (10)
Adhesive Thickness (rubber)	0.457 (18)	0.711 (28)	1.020 (40)

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TECHNICAL TEST DATA

	25 mil		35 mil		50 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)
Adhesion¹ (to primed steel)	2.5	14	2.5	14	4.11	23
Tensile Strength¹	3.6	20	3.6	20	4.11	23
Elongation¹	250%		250%		250%	
Dielectric Strength¹	19KV		19KV		26KV	
Insulation Resistance²	1,000,000 Megohms					
Water Vapor Transmission Rate³	< 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 85°C (-30°F to 185°F)					

¹ASTM D - 1000

²ASTM D 257

³ASTME 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.