



TECHNICAL DATA

RENWRAP[®] 308

Pipeline Coating

DESCRIPTION

RENWRAP 308 is a black, machine applied high/low density polyethylene film, calendered with a butyl rubber adhesive. The product is available in four standard thicknesses and a wide variety of widths and lengths.

APPLICATIONS

- Over the ditch or plant applied coating of pipelines.
- Pre-fabricated bends.

PRODUCT BENEFITS

- Can be applied over a wide range of temperatures and various thicknesses with or without outerwrap depending on pipe diameter and soil conditions
- Exhibits high bond to steel pipe when applied over RENWRAP primer
- Very economical coating
- Meets AWWA C-214 Standard

TECHNICAL PROPERTIES

	15 mil	18 mil	20 mil	20 mil	25 mil
	mm (mils)	mm (mils)	mm (mils)	mm (mils)	mm (mils)
Total Thickness	0.381 (15)	0.457 (18)	0.508 (20)	0.508 (20)	0.635 (25)
Backing Thickness (PE)	0.229 (9)	0.254 (10)	0.305 (12)	0.229 (9)	0.330 (13)
Adhesive Thickness (rubber)	0.152 (6)	0.203 (8)	0.203 (8)	0.279 (11)	0.305 (12)

(800) 801-0323 ➤

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	15 mil		18 mil		20 mil		20 mil		25 mil	
	<u>kg/cm</u>	<u>lbs./inch</u>	<u>kg/cm</u>	<u>lbs./inch</u>	<u>kg/cm</u>	<u>lbs./inch</u>	<u>kg/cm</u>	<u>lbs./inch</u>	<u>kg/cm</u>	<u>lbs./inch</u>
	(width)	(width)	(width)	(width)	(width)	(width)	(width)	(width)	(width)	(width)
Adhesion¹ (to primed steel)	3	17	3	17	3	17	3	17	3	17
Tensile Strength¹	7.14	40	7.14	40	7.14	40	7.14	40	7.14	40
Elongation¹	250%		250%		250%		250%		300%	
Dielectric Strength¹	21KV		21KV		22KV		22KV		23KV	

Insulation Resistance² 1,000,000 Megohms

Water Vapor Transmission Rate³ < 0.2g/100 in²/24 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

TECHNICAL TEST DATA

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

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