



## TECHNICAL DATA

# RENWRAP<sup>®</sup> 355

## Pipeline Outerwrap & Rockshield

### DESCRIPTION

**RENWRAP 355** is a machine applied polyethylene film, calendered with a butyl rubber adhesive. The product is available in white or black.

### APPLICATIONS

- Outerwrap and rockshield
- Designed to protect RENWRAP innerwrap from mechanical damage during lowering-in, backfilling and in-service of pipelines

### PRODUCT BENEFITS

- Permanently protects innerwrap coating in service against potential damage from soil stress
- Can be applied over a wide range of temperatures and thicknesses in conjunction with RENWRAP innerwrap
- Efficient and cost effective

### TECHNICAL PROPERTIES

	15 mil mm (mils)	20 mil mm (mils)	25 mil mm (mils)	40 mil mm (mils)
<b>Total Thickness</b>	0.381 (15)	0.508 (20)	0.635 (25)	1.020 (40)
<b>Backing Thickness (PE)</b>	0.254 (10)	0.381 (15)	0.508 (20)	0.889 (35)
<b>Adhesive Thickness (rubber)</b>	0.127(5)	0.127 (5)	0.127 (5)	0.127 (5)

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## TECHNICAL TEST DATA

	15 mil		20 mil		25 mil		40 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)	<u>kg/cm</u> (width)	<u>lbs./inch</u> (width)
<b>Adhesion<sup>1</sup></b> (to primed steel)	0.56	3.125	0.56	3.125	0.56	3.125	0.56	3.125
<b>Tensile Strength<sup>1</sup></b>	5.36	30	7.14	40	7.14	40	8.04	45
<b>Elongation<sup>1</sup></b>	250%		300%		300%		350%	

### 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)

<sup>1</sup>ASTM D - 1000

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