



**Woven Coated Polyethylene Geomembrane**

RhinoSkin® 20 is a nominal 20 mil (0.5 mm) thick Woven Coated Polyethylene (WCPE) geomembrane used for temporary cover systems. RhinoSkin® geomembranes are specifically designed using no post-consumer resin and contain a UV resistance package in each layer. The durable lightweight construction of RhinoSkin® 20 provides outstanding performance in many different climates and environmental conditions.

**APPLICATIONS**

RhinoSkin® 20's proprietary construction using a high strength HDPE woven core and engineered LDPE/LLDPE coating make it ideal for the following applications:

**WATER RETENTION**

- Irrigation Reservoir & Canal Liners
- Above Ground Fracking Tank Liners

**LANDFILLS**

- Temporary UV Protective Covers
- Alternative Daily Covers
- Rain Covers
- Interim Covers

**AGRICULTURE**

- Hay Stack Covers
- Grain Covers
- Silage Covers
- Shade Covers
- Salt & Manure Covers

**INDUSTRIAL**

- Remediation Covers
- Salt Pile Covers
- Spill Containment Covers
- Temporary Roof Covers
- Construction Dirt Pile Covers
- Environmental Protection Covers
- Dust Abatement Reservoir Covers
- Heavy-Duty & General Purpose Covers

PROPERTY	TEST METHOD		TYPICAL VALUE <sup>14</sup>		TESTING FREQUENCY	
			IMPERIAL	METRIC	IMPERIAL	METRIC
Thickness	ASTM D751		20 mils	0.5 mm	Every Roll	Every Roll
Mass per Area	ASTM D751		10 oz/yd <sup>2</sup>	336 g/m <sup>2</sup>	Every Roll	Every Roll
Strip Tensile Strength <sup>1</sup>	ASTM D7003	MD	160 lb <sub>f</sub> /in	28 kN/m	20,000 lb	9,000 kg
		CD	160 lb <sub>f</sub> /in	28 kN/m		
Grab Strength <sup>1</sup>	ASTM D7004	MD	270 lb <sub>f</sub>	1,200 N	20,000 lb	9,000 kg
		CD	270 lb <sub>f</sub>	1,200 N		
Tongue Tear <sup>1</sup>	ASTM D5884	MD	98 lb <sub>f</sub>	430 N	20,000 lb	9,000 kg
		CD	115 lb <sub>f</sub>	510 N		
Index Puncture	ASTM D4833		140 lb <sub>f</sub>	620 N	45,000 lb	20,000 kg
CBR Puncture	ASTM D6241		950 lb <sub>f</sub>	4,200 N	45,000 lb	20,000 kg
UV Resistance <sup>3</sup>	ASTM D7238		Typical Value <sup>1</sup>		Testing Frequency	
Strip Tensile Strength and Elongation <sup>2</sup>	ASTM D7003	MD	>90% retained		Once per Formulation	
		CD				

<sup>1</sup>) Values are typical and are not limiting specifications.  
<sup>2</sup>) MD & CD refers to machine and cross or transverse machine direction, respectively.  
<sup>3</sup>) 2,000-hour UV Resistance by the fluorescent light method conducted in general accordance with ASTM D7238 using an 8-hour UV cycle at 60°C followed by 4-hour condensation at 40°C.  
<sup>4</sup>) The soft conversion of units as described in GRI-GM30 has been applied as well as the applicable rounding of the values.

**Proud Member of:**



Effective Date: January 2021

**Geosynthetic Accreditation Institute** GAI - LAP Approved Laboratory No. 84

Responsibility for product fitness resides with the design professional and user who assume full responsibility for the final determination of suitability for application. The information contained herein is accurate and reliable to the best of our knowledge and provided for reference purposes only. All values are typical minimum or maximum results and are not intended as limiting specifications or intended as a warranty of guarantee. Owens Corning provides written warranties for many of its products, and such warranties take precedence over the statements contained herein.