



Woven Coated Polyethylene Geomembrane

RhinoSkin® 30 is a nominal 30 mil (0.75 mm) mm thick Woven Coated Polyethylene (WCPE) geomembrane used for temporary cover systems and water and waste water containment. 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® 30 provides outstanding performance in many different climates and environmental conditions.

APPLICATIONS

RhinoSkin® 30's proprietary construction using a high strength HDPE woven core and engineered LDPE/LLDPE coating make it ideal for the following applications:

WATER CONTAINMENT LINERS

- Stormwater Management
- Oil & Gas Fracking Pad

WATER RETENTION LINERS

- Golf Course Ponds
- Agricultural Reservoirs
- Potable Water Reservoirs
- Irrigation Reservoirs & Canals
- Above Ground Fracking Tanks

PROPERTY	TEST METHOD		TYPICAL VALUE ^{1,4}		TESTING FREQUENCY	
			IMPERIAL	METRIC	IMPERIAL	METRIC
Thickness	ASTM D751		30 mils	0.75 mm	Every Roll	Every Roll
Mass per Area	ASTM D751		13.1 oz/yd ²	445 g/m ²	Every Roll	Every Roll
Strip Tensile Strength ²	ASTM D7003	MD	270 lb _f /in	47 kN/m	20,000 lb	9,000 kg
		CD	225 lb _f /in	39 kN/m		
Grab Strength ²	ASTM D7004	MD	375 lb _f	1,660 N	20,000 lb	9,000 kg
		CD	315 lb _f	1,400 N		
Trapezoidal Tear ²	ASTM D4533	MD	100 lb _f	440 N	20,000 lb	9,000 kg
		CD	90 lb _f	400 N		
Tongue Tear ²	ASTM D5884	MD	84 lb _f	370 N	20,000 lb	9,000 kg
		CD	84 lb _f	370 N		
Index Puncture	ASTM D4833		225 lb _f	1,000 N	45,000 lb	20,000 kg
CBR Puncture	ASTM D6241		1,500 lb _f	6,500 N	45,000 lb	20,000 kg
UV RESISTANCE ³	ASTM D7238		TYPICAL VALUE ¹		TESTING FREQUENCY	
Strip Tensile Strength and Elongation ²	ASTM D7003	MD	>90% retained		Once per Formulation	
		CD				

¹ Values are typical and are not limiting specifications.
² MD & CD refers to machine and cross or transverse machine direction, respectively.
³ 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.
⁴ The soft conversion of units as described in GRI-GM30 has been applied as well as the applicable rounding of the values.

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Geosynthetic Accreditation Institute GAI - LAP Approved Laboratory No. 84

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