

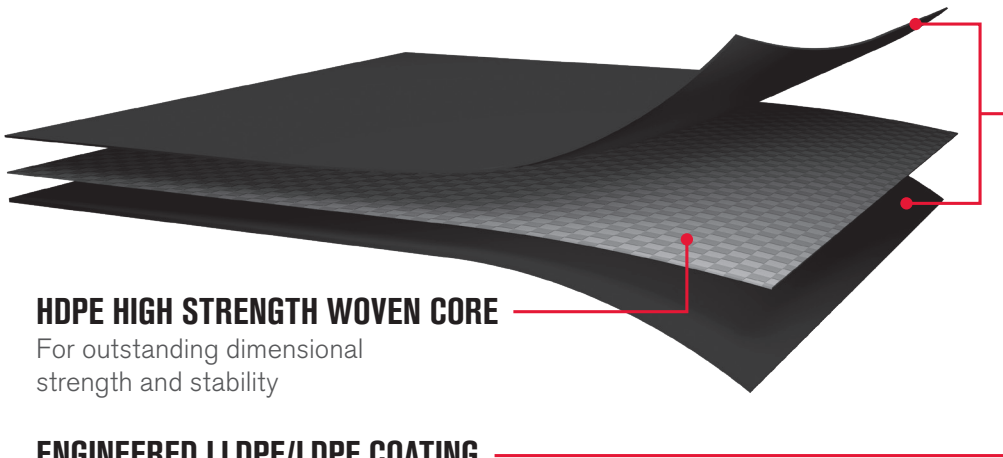


MAXIMUM STRENGTH & PERFORMANCE

RhinoSkin™ is a high-strength reinforced geomembrane barrier designed for use as a heavy-duty cover in oil fields, landfills, remediation, trucks and rail cars, and agriculture. The HDPE woven core provides outstanding dimensional stability and high strength.

FEATURES

- Exceptional UV, ozone, and oxidation resistance
- Puncture, abrasion and chemical resistant
- Non-toxic, no PVC or other hazardous materials used in construction of fabric
- Low water vapor permeability



HDPE HIGH STRENGTH WOVEN CORE

For outstanding dimensional strength and stability

ENGINEERED LLDPE/LDPE COATING

For flexibility, chemical resistance and protection against UV, ozone and oxidation.

800.567.9727
geosynthetics@owenscorning.com

www.owenscorning.com/geosynthetics

APPLICATIONS

Liquid containment, golf course ponds, retention ponds, irrigation reservoirs and canals, agricultural ponds, pond liners, above ground fracking tanks, covers – agricultural, soil, manure, salt and general purpose, wastewater lagoons, interim covers, heavy-duty covers, environmental protection, landfill covers and liners, spill containment, remediation and more.

SIZES & COLORS

- **144" wide rolls (3.66m)**
- **30 mil (0.76mm) thickness**
- **Black**

PROPERTY	TEST/METHOD	RHINOSKIN 30 TYPICAL VALUES
Nominal Weave		14 x 12 ppi
Coating		Two sides LDPE @ 3 mil thickness
Core Fabric		HDPE
Weight	ASTM D5261	13.4 oz/yd ² (454 gsm) ± 5%
Nominal Thickness**	ASTM D1777	30 mil (0.76 mm)
Color		Black
Available Sizes		144" (3.66m) wide
Tensile Strength	ASTM D751 (Grab Method)	MD 375 lbs (170 kg) CD 315 lbs (143 kg)
	ASTM D751 (Cut Strip Method)	MD 270 lbs (123 kg) CD 225 lbs (102 kg)
Trapezoidal Tear	ASTM D4533	MD 100 lbs (45 kg) CD 90 lbs (41 kg)
Mullen Burst	ASTM D751	720 psi (4966 kPa)
Accel. UV Weathering	ASTM G154	>90% after *2000 hrs exposure
Hydraulic Conductivity	ASTM D4491	0.0 cm/s No Flow
Puncture Resistance	ASTM D4833	225 lbs (102 kg)
Low Temperature Flexibility	ASTM D2136	-60° F (-51° C)
Penetration Resistance Motor Oil	ASTM F903	Pass
Carbon Black Content	ASTM D4218	3.6%
Seam Strength	ASTM D751 (Shear)	CD 200 lbs/in (91 kg/in)
	ASTM D4851 (Peel)	CD 9 lbs/in (4.0 kg/in)



Geosynthetic Accreditation Institute

GAI - LAP Approved Laboratory

MD = Machine Direction, CD = Cross Direction **When tested with Vernier Calipers
All values are ± 10%. *QUV A-340 lamps 8 hrs UV @ 60° C, 4 hrs condensation @ 40°.
The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications.



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