

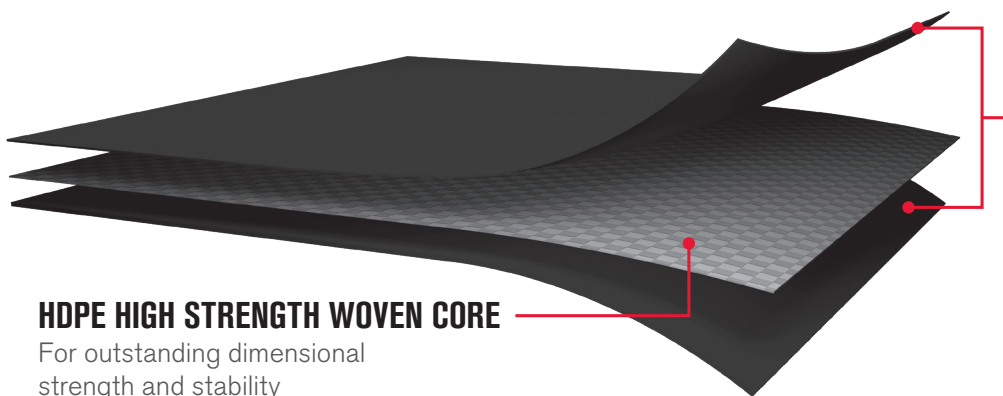


## MAXIMUM STRENGTH & PERFORMANCE

RhinoSkin™ 24 is a high-strength reinforced geomembrane barrier designed for use as a cover or liner 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](http://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)**
- **24 mil (0.61mm) thickness**
- **Black**

PROPERTY	TEST/METHOD	RHINOSKIN 24 TYPICAL VALUES
Nominal Weave		12 x 10 ppi
Coating		Two sides LDPE @ 3 mil thickness
Core Fabric		HDPE
Weight	ASTM D5261	11.5 oz/lyd2 (391 gsm) ± 5%
Nominal Thickness**	ASTM D1777	24 mil (0.61 mm)
Color		Black
Available Sizes		144" (3.66m) wide
Tensile Strength	ASTM D751 (Grab Method)	MD 352 lbs (160 kg)   CD 300 lbs (136 kg)
	ASTM D751 (Cut Strip Method)	MD 251 lbs (114 kg)   CD 210 lbs (95 kg)
Trapezoidal Tear	ASTM D4533	MD 110 lbs (50 kg)   CD 90 lbs (41 kg)
Mullen Burst	ASTM D751	680 psi (4690 kPa)
Accel. UV Weathering	ASTM G154	>90% after *2000 hrs exposure
Hydraulic Conductivity	ASTM D4491	0.0 cm/s No Flow
Hydrostatic Resistance	ASTM D751	380 psi (2620 kPa)
Puncture Resistance	ASTM D4833	176 lbs (80 kg)
Low Temperature Flexibility	ASTM D2136	-60° F (-51° C)
Penetration Resistance Motor Oil	ASTM F903	Pass
Carbon Black Content	ASTM 4218	3.6%
Seam Strength	ASTM D751 (Shear)	CD 168 lbs/in (76 kg/in)
	ASTM D4851 (Peel)	CD 4 lbs/in (1.8 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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