

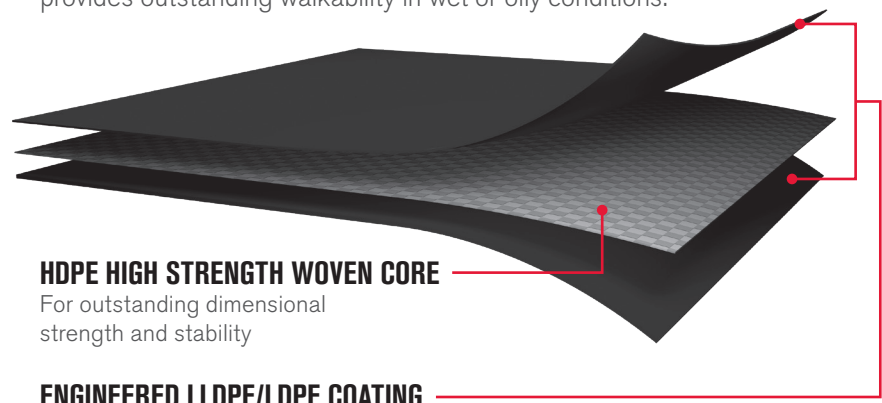


SLIP RESISTANT SURFACE



MAXIMUM STRENGTH & PERFORMANCE

RhinoSkin 30SG is a high strength geomembrane specifically engineered for use as heavy-duty liners and covers for various applications in oil fields, landfills, spill containments, remediation, trucks and railcars, ponds and pools. It incorporates a high density polyethylene scrim coated two sides with a uniquely engineered LLDPE/LDPE blend. This design provides a true 30 mil protection plus a patented slip-resistant surface treatment called Safe-T-Grip®. Unlike felt and non-woven laminates, 30SG is easy to weld in the factory and in the field. The Safe-T-Grip surface welds easily with industry standard thermal seaming equipment and provides outstanding walkability in wet or oily conditions.



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.

FEATURES

- 30SG is easy to weld in the factory and the field.
- True 30 mil membrane barrier.
- Patented Safe-T-Grip® granular surface provides better walkability in slippery conditions.
- Puncture, abrasion and chemical resistant construction with a high strength HDPE woven core.
- Exceptional UV, ozone & oxidation resistance.
- 20 year warranty buried, 10 year warranty exposed.

800.567.9727
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APPLICATIONS

Oil & gas pad liners, liquid containment, golf course ponds, retention ponds, irrigation reservoirs and canals, agricultural ponds, pond liners, 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 30SG TYPICAL VALUES
Coating		Two sides LLDPE/LDPE blend @ 3 mil (0.76mm) thickness
Core Fabric		HDPE
Weight	ASTM D5261	13.4 oz/yd ² (454 gsm) ± 5%
Nominal Thickness**	ASTM D1777	30 mil (0.76mm) base fabric / 40 mil (1mm) with Safe-T-Grip surface
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 D7747 (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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