

Tough on containment



RhinoSkin® 30SG

SLIP RESISTANT SURFACE | EASY TO WELD | TRUE 30 MIL | RECYCLABLE



RhinoSkin® 30SG Product Description

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 flawlessly with industry standard thermal seaming equipment and provides superior walkability in wet or oily conditions.

InterWrap® also offers a recovery and recycling program for used material! Choose RhinoSkin and your used liners can be given a second life rather than being dumped into a landfill. Visit InterWrap.com/recycle for more information.

Features & Benefits:

- Unlike felt and non-woven laminates, 30SG is easy to weld in the factory and the field.
- Offers true 30 mil membrane barrier.
- Patented Safe-T-Grip® granular surface provides superior walkability in wet or oily conditions.
- Environmentally responsible recovery and recycling program.
- Puncture, abrasion and chemical resistant. construction with a high strength HDPE woven core that provides superior dimensional stability.
- Outstanding UV, ozone & oxidation resistance.
- 20 year warranty buried, 10 year warranty exposed.

PATENTED SAFE-T-GRIP® SURFACE TREATMENT

provides safer walkability in wet or oily conditions.

EASY TO WELD!

Unlike felt and non-woven laminates, RhinoSkin 30SG is easy to weld in the factory and the field.

ENGINEERED LLDPE/LDPE COATINGS

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

HDPE HIGH STRENGTH WOVEN CORE

For dimensional stability and strength.



InterWrap.com

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weaving a better world™



RhinoSkin® 30SG



ENGINEERED GRADE

RhinoSkin® 30SG Applications:

Oil & gas pad liners, liquid containment, golf course ponds, retention ponds, irrigation reservoirs and canals, aquaculture liners, agricultural ponds, pond liners, covers – agricultural, soil, manure, salt and general purpose, wastewater lagoons, interim covers, heavy-duty liners and covers, environmental protection, landfill covers and liners, spill containment, remediation and more.

Available Sizes & Color

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



PROPERTY	TEST/METHOD	RHINOSKIN 30SG TYPICAL VALUE
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%
Color		Black
Thickness**	ASTM D1777	30 mil (0.76mm) base fabric / 40 mil (1mm) with Safe-T-Grip surface
Width		144" (3.66m) wide
Dimensional Stability	ASTM D1204	MD 0.49% CD 0.91%
Tensile Strength (Grab Method)	ASTM D751	MD 375 lbs (170 kg) CD 315 lbs (143 kg)
Tensile Strength (Cut Strip Method)		ASTM D751 MD 270 lbs (123 kg) CD 225 lbs (102 kg)
Trapezoidal Tear	ASTM D4533	MD 100 lbs (45 kg) CD 90 lbs (41 kg)
Accelerated UV Weathering	ASTM G154	>90% after *2000 hrs exposure
Hydraulic Conductivity	ASTM D4491	0.0 cm/s No Flow
Mullen Burst	ASTM D751	720 psi (4966 kPa)
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 (Shear)	ASTM D7747	CD 200 lbs/in (91 kg/in)
Seam Strength (Peel)	ASTM D4851	CD 9 lbs/in (4.0 kg/in)
Limited Warranty Exposed		10 Years
Limited Warranty Buried		20 Years

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.