

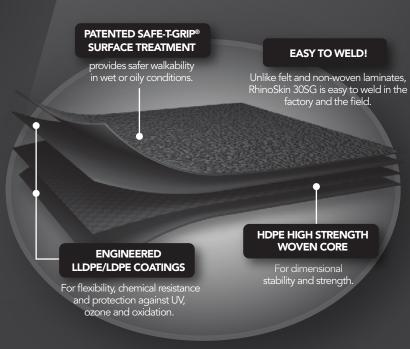
# RhinoSkin® 30SG Product Description

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.





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# **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 Two sides LLDPE/LDPE blend @ 3 mil (0.76mm) thickness Coating HDPE Core Fabric Weight **ASTM D5261** $13.4 \text{ oz/yd}^2 (454 \text{ gsm}) \pm 5\%$ Color Black Thickness\*\* **ASTM D1777** 30 mil (0.76mm) base fabric / 40 mil (1mm) with Safe-T-Grip surface Width 144" (3.66m) wide MD 0.49% | CD 0.91% **Dimensional Stability ASTM D1204** Tensile Strength (Grab Method) ASTM D751 MD 375 lbs (170 kg) | CD 315 lbs (143 kg) Tensile Strength (Cut Strip Method) MD 270 lbs (123 kg) | CD 225 lbs (102 kg) ASTM D751 Trapezoidal Tear MD 100 lbs (45 kg) | CD 90 lbs (41 kg) **ASTM D4533** 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) -60° F (-51° C) Low Temperature Flexibility **ASTM D2136** 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) 10 Years Limited Warranty Exposed 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.

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