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.

MAXIMUM STRENGTH & PERFORMANCE

- 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.

FEATURES

- 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.

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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**

### APPLICATIONS

### 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/yd² (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) |  

*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.

Geosynthetic Accreditation Institute
GAI - LAP Approved Laboratory

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