

DURA♦SKRIM® N60XRP

60 MIL LLDPE SCRIM REINFORCED GEOTEXTILE COMPOSITE



PRODUCT DESCRIPTION

DURA♦SKRIM® N60XRP Extreme Rig Pad Geocomposite is a flexible liner reinforced with a closely knit 9x9 polyester scrim fully encapsulated between two layers of linear low density polyethylene. This liner is then capped with a non-slip, high strength geotextile on one side to provide working surface resistant to damage and tearing from vehicle traffic. Exceptional toughness, high tensile strength and the flexibility to conform to imperfect surfaces without puncturing is achieved with the combination of premium LLDPE base polymer and dense scrim reinforcement. A highly stable formulation that includes antioxidants, UV absorbers and carbon black provides excellent protection for long-term exposed or barrier applications, resisting up to 20 years of exposure, depending upon geographic location.

PRODUCT USE

DURA♦SKRIM® N60XRP is used in applications that require exceptional site ground protection from spillage and leaks. The sacrificial geotextile layer allows vehicle traffic to turn without creating holes and unmatched flexibility prevents punctures by stretching over protrusions instead of rupturing. Applications requiring high tear resistance, exceptional tensile strength and abrasion protection in harsh environments utilize N60XRP to meet these demands. DURA♦SKRIM® N-Series products also have excellent cold crack performance and resistance to thermal expansion.

DURA♦SKRIM® N60XRP meets the physical property values as listed in standard specification GRI-GM25, Category 1 (severe).

SIZE & PACKAGING

DURA♦SKRIM® N60XRP is available factory-fabricated in 12' increments of width and lengths up to 500' to meet project requirements. Large diameter master rolls are also available to facilitate efficient field seaming. Factory welded panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling.



Rig Pad Liner

PRODUCT

PART

DURA♦SKRIM N60XRP

APPLICATIONS

- Rig Pad Liners
- Canal Liners
- Waste Containment
- Secondary Containment
- Heap Leach Liner
- Remediation Pads

DURA♦SKRIM® N60XRP

60 MIL LLDPE SCRIM REINFORCED GEOTEXTILE COMPOSITE

PRO-FORMA DATA SHEET

| | | DURA♦SKRIM® N60XRP | | | |
|--|--------------------------|---|---------------------|-----------------------------------|-----------------------|
| | | IMPERIAL | | METRIC | |
| PROPERTIES | TEST METHOD | MINIMUM | TYPICAL | MINIMUM | TYPICAL |
| APPEARANCE | | Black | | Black | |
| CORE THICKNESS | ASTM D5199 | 48 mil | 54 mil | 1.22 mm | 1.37 mm |
| WEIGHT | ASTM D751 | 200 lb/msf | 220 lb/msf | 976 g/m ² | 1074 g/m ² |
| CONSTRUCTION | | 9x9 1000D PET scrim reinforced polyethylene with geotextile cap | | | |
| TONGUE TEAR STRENGTH | ASTM D751 | 80 lbf | 120 lbf | 356 N | 534 N |
| GRAB TENSILE AT BREAK | ASTM D751 | 300 lbf | 400 lbf | 1334 N | 1779 N |
| TENSILE ELONGATION AT BREAK | ASTM D7004 | 20 % | 30 % | 20 % | 30 % |
| LARGE SCALE HYDROSTATIC PUNCTURE RESISTANCE (TRUNCATED CONE) | ASTM D5514 | Pass - 1" cone height @ 50 psi | | Pass - 25mm cone height @ 345 kPa | |
| MULLEN BURST | ASTM D751 | >300 psi | | >2070 kPa | |
| STANDARD OIT OR HIGH PRESSURE HPOIT | ASTM D3895 ASTM D5885 | 100 min 400 min | 150 min 2400 min | 100 min 400 min | 150 min 2400 min |
| MAXIMUM STATIC USE TEMPERATURE | | 180° F | | 82° C | |
| MINIMUM STATIC USE TEMPERATURE | | -70° F | | -57° C | |

PRO-FORMA SHEET CONTENTS: The data listed in the Pro-Forma data sheet is representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.

DURA♦SKRIM®

DURA♦SKRIM® N60XRP is a flexible geomembrane, reinforced with a closely knit 9x9 weft inserted polyester scrim fully encapsulated between two layers of highly UV stabilized linear low density polyethylene and capped with a non-slip geotextile. Exceptional toughness, high strength and puncture resistance is achieved with the combination of premium LLDPE and dense scrim reinforcement. A highly stabilized formulation including antioxidants, UV stabilizers and carbon black provide excellent protection for long-term exposed or barrier applications.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. VIAFLEX, INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. Limited Warranty available at www.viaflex.com

VIAFLEX, INC.
821 W Algonquin Street, Sioux Falls, SD 57104
Ph: +1 (605) 335-0174 · TF: +1 (800) 635-3456

© 2022 VIAFLEX INC. All rights reserved.

sales@viaflex.com
www.viaflex.com

Viaflex

27-0141 02/23