

PRODUCT DESCRIPTION

DURA♦SKRIM® NQ60B is a highly flexible geomembrane, reinforced with a closely knit 9x9 weft inserted polyester scrim fully encapsulated between two layers of highly UV stabilized polypropylene. Exceptional flexibility is achieved by incorporating high levels of ethylene propylene rubber into polypropylene along with a dense scrim reinforcement, resulting in excellent dimensional stability and physical properties.

DURA♦SKRIM® NQ-Series polypropylene membranes do not contain plasticizers that can leach out and hinder long-term flexibility and performance. DURA♦SKRIM® NQ60B provides outstanding resistance to environmental stress cracking even in elevated temperatures and chemical environments. DURA♦SKRIM® NQ-Series geomembranes are produced in the color black as standard, and are available in other custom manufactured colors with minimum order quantity requirements.

PRODUCT USE

DURA♦SKRIM® NQ60B is used in a wide variety of exposed and buried applications that require a unique combination of mechanical toughness, excellent flexibility, and environmental stress cracking resistance. The outer plies provide outstanding heat welding characteristics valued by Installers and fabricators. DURA♦SKRIM® NQ60B polypropylene geomembrane offers a high-friction angle reducing concerns for side slope stability.

DURA♦SKRIM® NQ60B meets or exceeds the requirements of the Geosynthetics Research Institute; GRI-GM18 Standard Specification.

SIZE & PACKAGING

DURA♦SKRIM® NQ60B is available in a variety of widths and lengths to meet the project requirements. Large diameter 12' wide mill rolls are available to assure an efficient seaming process. Factory welded panels are produced in a controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.



Waste Containment Liner

PRODUCT

PART

DURA♦SKRIM NQ60B

APPLICATIONS

- | | |
|----------------------|-------------------------|
| Waste Lagoon Liners | Interim Landfill Covers |
| Floating Covers | Remediation Covers |
| Fish Hatchery Liners | Landfill Caps |
| Modular Tank Liners | Farm Pond Liners |
| Tunnel Liners | Canal Liners |
| Remediation Liners | Water Containment Ponds |
| Earthen Liners | Heap Leach Liner |

DURA♦SKRIM® NQ60B

REINFORCED FLEXIBLE POLYPROPYLENE – MEETS GRI-GM18

PRO-FORMA DATA SHEET

		DURA♦SKRIM® NQ60B			
		IMPERIAL		METRIC	
PROPERTIES	TEST METHOD	MINIMUM	TYPICAL	MINIMUM	TYPICAL
APPEARANCE		Black		Black	
THICKNESS, AVERAGE	ASTM D5199	54 mil	60 mil	1.37 mm	1.52 mm
WEIGHT	ASTM D751	230 lbf/msf	260 lbf/msf	1123 g/m ²	1269 g/m ²
CONSTRUCTION		9x9-1000 Denier PET scrim reinforced polypropylene			
TONGUE TEAR STRENGTH	ASTM D5884	70 lbf	120 lbf	311 N	534 N
GRAB TENSILE AT BREAK	ASTM D7004	300 lbf	320 lbf	1334 N	1423 N
TENSILE ELONGATION AT BREAK	ASTM D7004	22 %	35 %	22 %	35 %
PUNCTURE RESISTANCE	ASTM D4833	100 lbf	116 lbf	445 N	516 N
HIGH PRESSURE HPOIT	ASTM D5885	400 min	900 min	400 min	900 min
HYDRAULIC CONDUCTIVITY		8.3 x 10 ⁻¹⁰ cm/sec			
MAXIMUM STATIC USE TEMPERATURE		180° F		82° C	
MINIMUM STATIC USE TEMPERATURE		-70° F		-57° C	
FACTORY SEAM REQUIREMENTS					
BONDED SHEAR STRENGTH	ASTM D7747	50 lbs/in width	80 lbs/in width	88 N/cm	140 N/cm
SEAM PEEL STRENGTH	ASTM D7747	30 lbs/in width	55 lbs/in width	53 N/cm	96 N/cm

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.



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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. RAVEN INDUSTRIES 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.ravenefd.com

RAVEN ENGINEERED FILMS

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