

PRODUCT DESCRIPTION

DURA♦SKRIM® J30DT1 is a unique, single-side textured scrim reinforced gray/black geomembrane manufactured using high strength polyethylene resins. DURA♦SKRIM® J30DT1 is designed with our exclusive GeoGrip™ textured gray surface to minimize thermal expansion while providing a cooler working surface. The black layer includes carbon black and thermal stabilizers to assure exposed longevity. Contrasting colors also provide a vital function for ease of damage detection during the installation.

DURA♦SKRIM® J30DT1 is manufactured utilizing a cast extrusion process to achieve a consistent friction surface with uniform asperity heights and is reinforced with a tri-directional scrim reinforcement to maximize tear and puncture resistance. DURA♦SKRIM® J-Series membranes are formulated with thermal and UV stabilizers to assure exposed longevity. Custom colors are available based on minimum volume requirements.

PRODUCT USE

DURA♦SKRIM® J30DT1 is used in applications that demand exceptional tear and puncture strength and resistance to thermal expansion. DURA♦SKRIM® J30DT1 is manufactured from a chemically-resistant, linear-low-density polyethylene with excellent environmental stress crack resistance.

SIZE & PACKAGING

DURA♦SKRIM® J30DT1 is available in a variety of widths and lengths to meet the project requirements. Large diameter mill rolls are available to assure an efficient seaming process. Factory welded panels are produced in a quality controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.



Rig-site Pad Liner

PRODUCT

PART

DURA♦SKRIM J30DT1

APPLICATIONS

- | | |
|-----------------------|-------------------------|
| Waste Lagoon Liners | Interim Landfill Covers |
| Floating Covers | Remediation Covers |
| Modular Tank Liners | Landfill Caps |
| Tunnel Liners | Erosion Control Covers |
| Remediation Liners | Canal Liners |
| Earthen Liners | Disposal Pit Liner |
| Secondary Containment | Water Containment Ponds |

DURA♦SKRIM® J30DT1

TEXTURED SCRIM REINFORCED POLYETHYLENE

		DURA♦SKRIM® J30DT1	
		TYPICAL	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
APPEARANCE		Gray/Black	
THICKNESS, NOMINAL	ASTM D5994	30 Mil	0.76 mm
ASPERITY HEIGHT		24 Mil	0.61 mm
WEIGHT	ASTM D751	125 lbs/MSF	610 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement	
² GRAB TENSILE STRENGTH	ASTM D7004	150 lbs	667 N
² GRAB TENSILE ELONGATION	ASTM D7004	50 %	50 %
³ TONGUE TEAR	ASTM D5884	50 lbs	222 N
CBR PUNCTURE RESISTANCE	ASTM D6241	375 lbs	1668 N
WVTR	ASTM E96	0.011 grains/ft ² •hr	0.184 g/m ² •day
PERM RATING	ASTM E96	0.027 Perms	0.018 g/m ² •day•mm Hg
HYDRAULIC CONDUCTIVITY	ASTM E96	2.2x10 ⁻¹⁰ cm/sec	
MAXIMUM STATIC USE TEMPERATURE		180° F	82° C
MINIMUM STATIC USE TEMPERATURE		-70° F	-57° C

² Tests are an average of primary reinforcement directions.

³ Tests are an average of machine and transverse directions.



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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

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