

PRODUCT DESCRIPTION

DURA♦SKRIM® J25DT1 and J30DT1 are unique, single-side textured scrim reinforced geomembranes manufactured using high strength polyethylene resins. DURA♦SKRIM® J25DT1 and J30DT1 are reinforced with a tri-directional scrim reinforcement to maximize tear and puncture resistance. DURA♦SKRIM® J25DT1 and J30DT1 are manufactured utilizing a cast extrusion process to achieve a consistent friction surface with uniform asperity heights. Raven's exclusive GeoGrip™ surface texture consists of durable random spikes and bidirectional bars for uniform stabilization and support.

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® J25DT1 & J30DT1 are used in applications that demand high tear and puncture strength and resistance to thermal expansion.

DURA♦SKRIM® J25DT1 & J30DT1 are manufactured from a chemically-resistant, linear-low-density polyethylene with excellent cold crack performance.

SIZE & PACKAGING

DURA♦SKRIM® J25DT1 & J30DT1 are 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 accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.

DURA♦SKRIM®



Rig-site Pad Liner

PRODUCT

PART

DURA♦SKRIM J25DT1

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® J25DT1 & J30DT1

TEXTURED SCRIM REINFORCED POLYETHYLENE

PRO-FORMA DATA SHEET

PROPERTIES	TEST METHOD	DURA-SKRIM J25DT1	DURA-SKRIM J30DT1
		TYPICAL ROLL AVERAGES	TYPICAL ROLL AVERAGES
APPEARANCE		Black/Gray	Black/Gray
THICKNESS		25 mil	30 mil
ASPERITY HEIGHT	ASTM D 7466	>20 mil	>20 mil
WEIGHT		115 lbs/MSF 16.6 oz/yd ²	128 lbs/MSF 18.4 oz/yd ²
CONSTRUCTION		Textured Scrim Reinforced Polyethylene	
⁴ PLY ADHESION	ASTM D 6636	15 lbf/in or FTB	18 lbf/in or FTB
² TENSILE STRENGTH	ASTM D 7003	50 lbf/in MD 62 lbf/in TD	56 lbf/in MD 68 lbf/in TD
² TENSILE ELONGATION AT BREAK % (FILM BREAK)	ASTM D 7003	549 % MD 590 % TD	550 % MD 585 % TD
² TENSILE ELONGATION AT BREAK % (SCRIM BREAK)	ASTM D 7003	14 % MD 24 % TD	15 % MD 24 % TD
³ TONGUE TEAR STRENGTH	ASTM D 5884	42 lbf MD 50 lbf TD	46 lbf MD 54 lbf TD
² GRAB TENSILE	ASTM D 7004	130 lbf DD	145 lbf DD
² GRAB TENSILE ELONGATION AT BREAK % (SCRIM BREAK)	ASTM D 7004	39 %	40 %
PUNCTURE RESISTANCE	ASTM D 4833	50 lbf	55 lbf
MAXIMUM STATIC USE TEMPERATURE		180° F	180° F
MINIMUM STATIC USE TEMPERATURE		-70° F	-70° F

- ² Tests are an average of primary reinforcement directions.
³ Tests are an average of machine and transverse directions.
⁴ Raven modified QC procedure

PRO-FORMA Sheet Contents:

The J25DT1 data listed in this Pro-Forma data sheet is representative of initial production runs. The J30DT1 data is extrapolated from the 25 mil version. These values may be revised at anytime without notice as additional test data becomes available.

Hydraulic conductivity values are derived from permeability data. J25DT1 = 2.64×10^{-10} cm/sec, and J30DT1 = 2.20×10^{-10} cm/sec.

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Scan QR Code to download current technical data sheets via the Raven website.

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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