

PRODUCT DESCRIPTION

GEO◆SKRIM® J30BD is a linear-low-density polyethylene geomembrane with an encapsulated polyester scrim reinforcement. In addition to excellent dimensional stability the tri-directional reinforcement provides exceptional tear and puncture resistance.

GEO◆SKRIM® J30BD is a versatile black/gray geomembrane. The gray outer layer minimizes 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 installation.

PRODUCT USE

GEO◆SKRIM® J30BD is used in applications that demand high tear strength and resistance to thermal expansion.

GEO◆SKRIM® J30BD is manufactured from a chemically-resistant, linear-low-density polyethylene with excellent environmental stress crack resistance.

SIZE & PACKAGING

GEO◆SKRIM® J30BD 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.



Irrigation Canal Liner

PRODUCT

PART

GEO◆SKRIM..... J30BD

APPLICATIONS

- | | |
|-----------------------|-------------------------|
| Waste Lagoon Liners | Interim Landfill Covers |
| Floating Covers | Remediation Covers |
| Daily Landfill Covers | Erosion Control Covers |
| Modular Tank Liners | Canal Liners |
| Tunnel Liners | Disposal Pit Liners |
| Remediation Liners | Water Containment Ponds |
| Earthen Liners | Heap Leach Liners |

		GEO◆SKRIM® J30BD	
		TYPICAL	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
APPEARANCE		Black/Gray	
THICKNESS, NOMINAL	ASTM D5994	30 Mil	0.76 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.

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. GeoCHEM, 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.



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