

LLDPE GEOMEMBRANE

Textured Single & Double Sided



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SKAPS LLDPE Single and Double Textured Geomembranes are manufactured utilizing the highest quality standards to provide the greatest durability in geomembrane applications. The geomembrane is formulated to meet the requirements of GRI GM17 specifications.

PROPERTY	TEST METHOD	FREQUENCY	30 mil	40 mil	60 mil	80 mil	QUALIFIER
Thickness (minimum avg), mil	ASTM D 5994	Per Roll	28.5	38	57	76	MAV ⁽¹⁾
Thickness (min 8 of 10), mil			27	36	54	72	MIN
Thickness (minimum), mil			25.5	34	51	68	MIN
Asperity Height, mils	ASTM D 7466	2nd Roll	16	16	16	16	MAV
Density, g/cc	ASTM D 1505	200,000 lb	0.939	0.939	0.939	0.939	MAX
Tensile Properties (both directions)	ASTM D6693 Type IV Specimen, 2 in/min	20,000 lb					
Strength at Break, lb/in width			45	60	90	120	MAV
Elongation at Break, % (2 in. GL)			250	250	250	250	MAV
Tear Resistance, lb	ASTM D 1004	45,000 lb	16	22	33	44	MAV
Puncture Resistance, lb	ASTM D 4833	45,000 lb	33	44	66	88	MAV
Carbon Black Content, %	ASTM D 4218	20,000 lb	2-3				Range
Carbon Black Dispersion (Category)	ASTM D 5596	45,000 lb	Note (2)				Category
Oxidative Induction Time, minutes	ASTM D 3895 200°C, 1 atm O ₂	200,000 lb	100				MIN
ROLL DIMENSIONS (Double-Sided)							
Roll Length, ft			910	720	510	400	NOM
Roll Width, ft			23.5	23.5	23.5	23.5	
Roll Area, sf			21,385	16,920	11,985	9,400	
ROLL DIMENSIONS (Single-Sided)							
Roll Length, ft			1,030	820	550	420	NOM
Roll Width, ft			23.5	23.5	23.5	23.5	
Roll Area, sf			24,205	19,270	12,925	9,870	

Notes:

- (1) Minimum average value.
- (2) Carbon black dispersion (only near spherical agglomerates) for 10 different views:
9 in Categories 1 or 2 and 1 in Category 3

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