

**LLDPE GEOMEMBRANE
TEXTURED SINGLE &
DOUBLE SIDED**



SKAPS LLDPE 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	MIN	
Tensile Properties (both directions)	ASTM D 6693 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			950	720	510	400	NOM	
Roll Width, ft			23.5	23.5	23.5	23.5		
Roll Area, sf			22,325	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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