

**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	0.75 mm	1.00 mm	1.50 mm	2.00 mm	QUALIFIER	
Thickness (minimum avg), mm	ASTM D 5994	Per Roll	0.712	0.950	1.425	1.900	MAV ⁽¹⁾	
Thickness (min 8 of 10), mm			0.675	0.900	1.350	1.800	MIN	
Thickness (minimum), mm			0.637	0.850	1.275	1.700	MIN	
Asperity Height, mm	ASTM D 7466	2nd Roll	0.40	0.40	0.40	0.40	MAV	
Density, g/cc	ASTM D 1505	90,000 Kg	0.939	0.939	0.939	0.939	MAX	
Tensile Properties (both directions)	ASTM D 6693 Type IV Specimen, 50.8 mm/min	9,000 Kg						
Strength at Break, kN/m width			9	11	16	21	MAV	
Elongation at Break, % (50 mm GL)			250	250	250	250	MAV	
Tear Resistance, N	ASTM D 1004	20,000 Kg	70	100	150	200	MAV	
Puncture Resistance, N	ASTM D 4833	20,000 Kg	150	200	300	400	MAV	
Carbon Black Content, %	ASTM D 4218	9,000 Kg	2-3				Range	
Carbon Black Dispersion (Category)	ASTM D 5596	20,000 Kg	Note (2)				Category	
Oxidative Induction Time, minutes	ASTM D 3895 200°C, 1 atm O ₂	90,000 Kg	100				MIN	
ROLL DIMENSIONS (Double Sided)								
Roll Length, m			289.56	219.45	155.44	121.92	NOM	
Roll Width, m			7.16	7.16	7.16	7.16		
Roll Area, sm			2,073.25	1,571.26	1,112.95	872.95		
ROLL DIMENSIONS (Single Sided)								
Roll Length, m			313.94	249.93	167.64	128.01	NOM	
Roll Width, m			7.16	7.16	7.16	7.16		
Roll Area, sm			2,247.81	1,789.50	1,200.30	916.55		

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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