

# HDPE GEOMEMBRANE

## Textured Single & Double Sided



## SKAPS INDUSTRIES

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SKAPS HDPE 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 GM13 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 <sup>(1)</sup>
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	0.940	0.940	0.940	0.940	MIN
<b>Tensile Properties (both directions)</b>							
Strength at Yield, lb/in width	ASTM D6693 Type IV Specimen, 2 in/min	20,000 lb	63	84	126	168	MAV
Elongation at Yield, % (1.3 in. GL)			12	12	12	12	MAV
Strength at Break, lb/in width			45	60	90	120	MAV
Elongation at Break, % (2 in. GL)			100	100	100	100	MAV
Tear Resistance, lb	ASTM D 1004	45,000 lb	21	28	42	56	MAV
Puncture Resistance, lb	ASTM D 4833	45,000 lb	45	60	90	120	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
Stress Crack Resistance, hr.	ASTM D 5397, Appendix	200,000 lb	500				MIN
Oxidative Induction Time, minutes	ASTM D 3895 200°C, 1 atm O <sub>2</sub>	200,000 lb	100				MIN
<b>ROLL DIMENSIONS (Double-Sided)</b>							
Roll Length, ft			850	715	500	390	NOM
Roll Width, ft			24.0	24.0	24.0	24.0	
Roll Area, sf			20,400	17,160	12,000	9,360	
<b>ROLL DIMENSIONS (Single-Sided)</b>							
Roll Length, ft			990	785	560	400	NOM
Roll Width, ft			24.0	24.0	24.0	24.0	
Roll Area, sf			23,760	18,840	13,440	9,600	

### 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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