

TRP-45OR

45mil ENVIRONMENTAL GEOMEMBRANE LINER



Double Scrim HDPE with LDPE Coating

(Low Temperature – Hydrocarbon Stable)

BLACK/WHITE, 16 x 16 COUNT PER INCH

TESTED PROPERTY	TEST METHOD		UNIT ENGLISH	VALUE ENGLISH
Weight			oz/yd ²	22.5 (±5%)
Thickness	ASTM D 1777		mil	45 (±10%)
Coating Thickness			mil each	5.0 (±10%)
Tensile Strength (Grab Method)	ASTM D 7004	Warp	lbs	635
		Weft	lbs	605
(Strip Method)	ASTMD 7003	Warp	lbs	385
		Weft	lbs	360
Elongation at Break		Warp	%	26
Tear Strength (Tongue Method)	ASTM D 5884	Warp	lbs/in	100
		Weft	lbs/in	100
Bursting Strength (Mullen)	ASTM D 751		PSI	1250
Hydrostatic Resistance	ASTM D 751		PSI	880
Puncture Resistance	ASTM D 4833		lbs	380
Low Temperature Cold Crack	ASTM D 2136		°F	-40
Carbon Black Content			%	4.47
Carbon Black Dispersion				Category 1
Permeability			cm/sec	2.32 x 10 ⁻¹²
Seam Strength (Shear), min	ASTM D 7747		> 80% of the strip tensile value in the direction perp. To the seam	
Seam Strength (peel), min	ASTM D 413		lbs/in	4
UV Resistance	ASTM G-154		% strength retained after 2000 hrs	>90

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