

RPE-200R

20mil ENVIRONMENTAL GEOMEMBRANE LINER



RPE-200R is an excellent choice whether you are lining an irrigation pond, an industrial pond, water features in a common area, or a golf course water hazard. It is designed as a fish and plant safe liner also. RPE-200R environmental geomembrane is a HDPE/LDPE fabric designed for economical, safe containment of contaminated soils, liquids, or sludges. It is a perfect choice for storage of remediation/treatment of contaminated materials, fuels, chemicals, and water. Being a polyethylene product, it has hydrocarbon, chemical and U.V. resistance. Its cold crack characteristics are excellent at -65°F (-54°C).

(Low Temperature – Hydrocarbon Stable)

BLACK 12 x 12 1500 DENIER TAPE

TESTED PROPERTY	TEST METHOD		UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
Thickness			mil (mm)	20 ± 10% (0.50)
Weight	ASTM D 1910		oz/yd ²	9.25 ± 5%
Coating Thickness			mils (mm)	2.5 ± 10%
Tensile Strength	ASTM D 751-95	Warp	lbs	316
		Weft	lbs	321
Elongation at Break	ASTM D 751-95	Warp	%	21
		Weft	%	18
Tear Strength (Tongue method)	ASTM D 2261-96	Warp	lbs	103
		Weft	lbs	81
(Trapezoidal Method)	ASTM D 4533-91	Warp	lbs	106
		Weft	lbs	79
Bursting Strength	ASTM D 3786		lbs	567
(Mullen)	ASTM D 751-95		lbs	603
Low Temp. Cold Crack	ASTM D 2136		°F (°C)	-60 (-51)
Carbon Black Content			% or greater	2.4
Carbon Black Dispersion				A-2
UV Accelerated Weathering	ASTM G154-98		% strength retained after 2000 hrs	>95
Oil Resistance	ASTM D 471		% strength retained after 30 day immersion @ 73 F	98
Heat Bonded Seam Strength	ASTM D 6392		ppi	1375
Bonded Peel Adhesion	ASTM D 6392			FTB @ Delam

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TITAN ENVIRONMENTAL CONTAINMENT

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(Rev.2022)

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