

# RPE-24OR

## 24mil ENVIRONMENTAL GEOMEMBRANE LINER



RPE-24OR 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-24OR 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)

1500 DENIER TAPE, BLACK 12 x 12 COUNT x2

TESTED PROPERTY	TEST METHOD		UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
Thickness			mil (mm)	24 ±10% (0.60)
Weight	ASTM D 1910		oz/yd <sup>2</sup>	12 ±5%
Coating Thickness			mils (mm)	2.0 ±10% (0.05)
Tensile Strength	ASTM D 751	Warp	lbs	449
		Weft	lbs	405
Elongation at Break	ASTM D 751	Warp	%	29
		Weft	%	34
Tear Strength (Tongue method)	ASTM D 751	Warp	lbs/in	74
		Weft	lbs/in	94
Dimensional Stability at Edge @212F/1hr	ASTM D 1204	Warp		-9.3
		Weft		-7.7
Dimensional Stability at Centre @212F/1hr	ASTM D 1204	Warp		-7.6
		Weft		-6.4
Bursting Strength (Mullen)	ASTM D 3786		psi	818
Hydrostatic Resistance	ASTM D 751A		psi	310
Puncture Resistance (1" steel ball tipped probe)	ASTM D 751		psi	642
Low Temperature Cold Crack	ASTM D 2136		°F (°C)	-65 (-54)
Moisture Vapor Transmission	ASTM E 96B		g/m <sup>2</sup> /24 hrs	0.048
Permeability	ASTM D 4491			0.00
Flex/Abrasion	ASTM 3385		No damage to scrim after 2800 cycles, black coating worn away.	

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### TITAN ENVIRONMENTAL CONTAINMENT

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