



12mil RPE **Reinforced Polyethylene**

DATA SHEET

A heavy duty material ideal as a [seepage control liner](#), for [pits](#), [ponds](#), [canals](#), etc. Excellent as a protective cover for pools, [haystacks](#), [fields](#), etc. The propriety coating is used to enhance abrasion resistance, flex resistance, seam strength, UV resistance and longevity.

FABRIC SPECIFICATIONS

WEAVE	Woven black HDPE scrim using 1600 denier tapes
COATING	2.0 mil average each side (47 g/m ² /side)
COLOR	Black or colored coatings available.
WEIGHT	6.3 oz/yd ² (215 g/m ²) +/- 5%
THICKNESS	12 mils (.3mm) ASTM D5199

PERFORMANCE

GRAB TENSILE	Warp 210 lb 933N	Weft 185 lb 822 N	ASTM D5034
TOUNGE TEAR	Warp 70 lb 311 N	Weft 70 lb 311N	ASTM D2261
MULLEN BURST	370 psi 2533 kPa		ASTM D3786
ACCELERATE UV WEATHERING ¹	>80 % strength after 2000 hours		ASTM G53

¹Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4 hrs condensation @ 50°C

ROLL SPECIFICATION

CORES	4 inch (101.6 mm) or 5 inch (127 mm) I.D.
WIDTH	Up to 144 inches (-0, +0.5) as ordered, 3.66 m (-0, +12mm)
LENGTH	Minimum 500 yds/roll (457m); up to 1000 yds/roll (914m)

These values are typical data and are not intended as limiting specifications.