



## **15mil RPE** **Reinforced Polyethylene**

### DATA SHEET

A heavy duty material for [pit](#), and [pond liners](#), [haystack covers](#), [field covers](#), [stock pile covers](#), 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	2.5 mil average, two sides (59 gsm, two sides)
COLOR	White, Blue, Silver, Black or other colors after consultation.
WEIGHT	7.3 oz/yd <sup>2</sup> (247 g/m <sup>2</sup> ) +/- 5%

#### PERFORMANCE

GRAB TENSILE	Warp 215 lb 956N	Weft 215 lb 956 N	ASTM D5034
TOUNGE TEAR	Warp 70 lb 311 N	Weft 70 lb 311N	ASTM D2261
MULLEN BURST	400 psi 2760 kPa		ASTM D3786
ACCELERATE UV WEATHERING <sup>1</sup>	>80 % strength after 2000 hours		ASTM G53

Q.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 150 inches (-0, +0.5) as ordered, 3.81 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.