



WESTERN
ENVIRONMENTAL LINER

Aqua 12
12mil 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
COATING	tapes 1.75 mil average each side (47 g/m ² /side)
COLOR	Black or colored coatings available.
WEIGHT	5.5oz/yd ² (215 g/m ²) +/- 5%
THICKNESS	12 mils (.3mm) ASTM D5199

PERFORMANCE

GRAB TENSILE	Warp 200 lb 933N	Weft 135 lb 822 N	ASTM D5034
TOUNGE TEAR	Warp 50 lb 311 N	Weft 50 lb 311N	ASTM D5884
MULLEN BURST	300 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.