



WESTERN
ENVIRONMENTAL LINER

Aqua 30 Coextruded
30mil Reinforced Polyethylene

DATA SHEET

Heavyweight fabric incorporating a special weave pattern to enhance thickness, flatness, and tear properties. This product is a combination of polyethylene reinforcement and co-extrusion which enhances UV Resistance and improves physical properties. For use in [geomembrane applications](#) such as soil remediation, [pond lining](#), [canal lining](#), [landfill covers](#), tank lining, etc.

FABRIC SPECIFICATIONS

WEAVE	Woven black HDPE scrim
COATING	Top side - 11 mil LLDPE/LDPE w/ special blend Bottom side - 3 mil LDPE
COLOR	Black/Black
WEIGHT	17 oz/yd ² (505 g/m ²) +/- 5%
THICKNESS	Nominal 30 mil (0.75 mm) +/- 10% ASTM D1777

GRAB TENSILE	Warp 385 lb 1712 N	Weft 385 lb 1712 N	ASTM D7-7004
TOUNGE TEAR	Warp 52 lb 245 N	Weft 52 lb 245 N	ASTM D5884-01
TRAPEZOIDAL TEAR	Warp 66 lb 293 N	Weft 66 lb 293 N	ASTM D4533-04
MULLEN BURST	800 psi 5515 kPa		ASTM D3786-01
HYDROSTATIC RESISTANCE	600 psi 4136 kPa		ASTM D751-00
PERMEABILITY	2.06 x 10 ⁻¹² cm/sec		ASTM D4491-99a
PUNCTURE RESISTANCE INDEX	230 lb 1076 N		ASTM D4833-02

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