



*Western Environmental
Liner*

**Aqua 30 Coext
30 Mil 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
FILM	5.5 mil LDPE/LLDPE (0.14 mm)
WEIGHT	14.7 oz/yd ² (505 g/m ²) +/- 5%
THICKNESS	Nominal 30 mil (0.75 mm) +/- 10% ASTM D1777

GRAB TENSILE (N)	MD 410 lb (1820)	TD 400 lb (1776)	ASTM D7004
STRIP TENSILE (N/5cm)	MD 260 lb/in (2309)	TD 260 lb/in (2309)	ASTM D7003
TONGUE TEAR-LRG SCALE	MD 79 lb (351)	TD 81 lb (360)	ASTM D5884
MULLEN BURST	622 psi 4289 kPa		ASTM D751
HYDROSTATIC RESISTANCE	635 psi 4375kPa		ASTM D751
PERMEABILITY	2.06 x 10 ⁻¹² cm/sec		Calc. from MVTR
PUNCTURE RESISTANCE	195 lb 866 N		ASTM D4833

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