



# WESTERN ENVIRONMENTAL LINER

## 24 MIL COEXTRUDED REINFORCED POLYETHYLENE

### DATA SHEET

Heavy duty membrane barrier intended for use as a liner, for pits, ponds, canals, etc.

#### FABRIC SPECIFICATIONS

CONSTRUCTION	Reinforcing polyester scrim between LLDPE barrier layers
COLOR	Black, and other colors available after consultation
WEIGHT	16 oz/yd <sup>2</sup> (542 g/m <sup>2</sup> ) +/- 5 %
THICKNESS	Nominal 24 mils -0.024" ( 0.61 mm)

#### PERFORMANCE

<b>GRAB TENSILE</b>	<b>Warp 258 lb 1150 N</b>	<b>Weft 250 lb 1114 N</b>	<b>ASTM D751/NSF</b>
<b>TONGUE TEAR</b>	<b>Warp 120 lb 532 N</b>	<b>Weft 160 lb 710 N</b>	<b>ASTM D2261</b>
TONGUE TEAR-LARGE SCALE	Warp 141 lb 621 N	Weft 149 lb 663 N	ASTM D5884
TRAPEZOIDAL TEAR	Warp 200 lb 890 N	Weft 130 lb 578 N	ASTM D4533
MULLEN BURST	370 psi 2553 kPa		ASTM D3786
HYDROSTATIC RESISTANCE	208 psi 1438 kPa		ASTM D751
PUNCTURE RESISTANCE	76 lb 339 N		ASTM D4833
CARBON BLACK CONTENT	3.71 %		ASTM D4218
VOLATILE LOSS	0.07 %		ASTM D1203
DIMENSIONAL STABILITY	Warp -1.40 %	Weft -1.34 %	ASTM D1204
LOW TEMPERATURE FLEX	Warp Pass @ -40°	Weft Pass @ -40°	ASTM D2136
ACCELERATED UV WEATHERING	> 95 % strength after 2000 hrs		ASTM G53

<sup>1</sup> Q.U.V. [A-340 Lamps]: 8 hrs UV @ 60° C; 4 hrs condensation @ 50° C  
These values are typical data and are not intended as limiting specifications.

#### ROLL SPECIFICATIONS

WIDTH Up to 144 inches (-0 , + 0.5) as ordered, 3.66 m (-0, + 12 mm)  
LENGTH Minimum 250 yds/roll (228 m); up to 750 yds/roll (686 m)

#### WARRANTY

A 15 year limited U.V. warranty is offered on liner applications. Contact your WEL representative for further details.