



AquaMaster™ RLLDPE 24

Pro Forma 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
COLOUR	Black, and other colors available after consultation
WEIGHT	16 oz/yd ² (542 g/m ²) +/- 5 %
THICKNESS	Nominal 24 mils (0.61 mm)

PERFORMANCE

GRAB TENSILE	Warp 258 lb 1150 N	Weft 250 lb 1114 N	ASTM D751/NSF
TONGUE TEAR	Warp 120 lb 532 N	Weft 160 lb 710 N	ASTM D2261-96
TONGUE TEAR-LARGE SCALE	Warp 140 lb 621 N	Weft 149 lb 663 N	ASTM D5884-01
TRAPEZOIDAL TEAR	Warp 200 lb 890 N	Weft 130 lb 578 N	ASTM D4533-04
MULLEN BURST	370 psi 2553 kPa		ASTM D3786-01
HYDROSTATIC RESISTANCE	208 psi 1438 kPa		ASTM D751-00
PUNCTURE RESISTANCE	76 lb 339 N		ASTM D4833-00
CARBON BLACK CONTENT	3.71 %		ASTM D4218-96
CARBON BLACK DISPERSION	Rating = 1		ASTM D5596-03
VOLATILE LOSS	0.07 %		ASTM D1203-94
DIMENSIONAL STABILITY	Warp -1.40 %	Weft -1.34 %	ASTM D1204-02
LOW TEMPERATURE FLEX	Warp Pass @ -40°	Weft Pass @ -40°	ASTM D2136-94
ACCELERATED UV WEATHERING ¹	>95% strength retention after 2000 hrs exposure @ 0.77 W/m ² /nm, or 1200 hours exposure @ 1.35 W/m ² /nm.		ASTM G151-00 ASTM G154-04

¹ 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.

NOTE: All cut edges where the scrim is exposed must be sealed using AquaMaster PE welding rod.

WARRANTY

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