



AquaMaster™ RLLDPE45

PROFORMA DATA SHEET

Heavy duty membrane barrier intended for use as a floating cover and as a liner, for pits, ponds, canals, industrial wastewater containment etc.

FABRIC SPECIFICATIONS

CONSTRUCTION	Reinforcing polyester scrim between LLDPE barrier layers
COLOUR	Black and other colors available after consultation
WEIGHT	30 oz/yd ² (1017 g/m ²) +/- 5 %
THICKNESS	Nominal 45mils (1.14 mm)

PERFORMANCE

GRAB TENSILE	Warp 290 lb 1290 N Weft 300 lb 1332 N	ASTM D751/NSF
TONGUE TEAR-LARGE SCALE	Warp 130 lb 577 N Weft 120 lb 533 N	ASTM D5884-01
TRAPEZOIDAL TEAR	Warp 250 lb 1110 N Weft 175 lb 777 N	ASTM D4533-04
MULLEN BURST	400 psi 2760 kPa	ASTM D3786-01
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 20 year limited warranty is offered on liner and floating cover applications. Contact your IPG representative for further details.

TA (RLLDPE45)
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Engineered Coated Products

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