



KEEP WATER WHERE YOU WANT IT WITH NOVA-THENE AQUAMASTER™

Nova-Thene AquaMaster™ PP24

Description: Heavy duty membrane barrier intended for use as a liner, for pits, ponds, and canals.

FABRIC SPECIFICATIONS

Construction	Reinforcing polyester scrim between polypropylene barrier layers
Colour	Black, and other colors available after construction
Weight	16 oz/yd ² (542 g/m ²) +/- 5%
Thickness	Nominal 24 mils -0.024" (0.61mm)

PERFORMANCE

Grab Tensile	Warp 274 lb 1218 N	Weft 230 lb 1026 N	ASTM D751/NSF
Tongue Tear	Warp 73 lb 324 N	Weft 48 lb 213 N	ASTM D2261-96
Tongue Tear - Large Scale	Warp 141 lb 628 N	Weft 168 lb 746 N	ASTM D5884-01
Trapezoidal Tear	Warp 138 lb 613 N	Weft 75 lb 333 N	ASTM D4533-04
Mullen Burst	338 psi 2332 kPa		ASTM D3786-0
Hydrostatic Resistance	328 psi 2265 kPa		ASTM D751-00
Puncture Resistance	89 lb 395 N		ASTM D4833-00
Puncture Resistance	352 lb 1565 N		FTMS 101C, 2031
Carbon Black Content	4.57%		ASTM D4218-96
Carbon Black Dispersion	Rating = 1		ASTM D5596-0
Volatile Loss	0.23%		ASTM D1203-94
Dimensional Stability	Warp -0.33%	Weft 0.03%	ASTM D1204-02
Low Temperature Flex	Warp Pass @ -40%	Weft Pass @ -40%	ASTM D2136-94
Accelerated UV Weathering ¹	100% 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 Nova-Thene AquaMaster™ PP welding rod.

WARRANTY

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