



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

### Nova-Thene AquaMaster™ PE24

Description: Heavyweight fabric incorporating a special weave pattern to enhance thickness, flatness, and tear properties, and a new coating recipe to improve toughness and abrasion resistance.

#### FABRIC SPECIFICATIONS

Weave	Woven black HDPE scrim
Coating	4.0 mil average each side (94 g/m <sup>2</sup> , each side)
Colour	White/Black or other coloured coatings available
Weight	12.0 oz/yd <sup>2</sup> (407 g/m <sup>2</sup> ) +/- 5%
Thickness	20 mils (0.51 mm) ASTM D5199

#### PERFORMANCE

Grab Tensile	Warp 350 lb 1555 N	Weft 330 lb 1467 N	ASTM D5034
Tongue Tear	Warp 110 lb 490 N	Weft 110 lb 490 N	ASTM D2261
Tongue Tear - Large Scale	Warp 111 lb 497 N	Weft 108 lb 480 N	ASTM D5884
Trapezoidal Tear	Warp 90 lb 400 N	Weft 95 lb 422 N	ASTM D4533
Mullen Burst	650 psi 4485 kPa		ASTM D3786
Hydrostatic Resistance	424 psi 2927 kPa		ASTM D751
Puncture Resistance	182 lb 811 N		ASTM D4833
Puncture Resistance	352 lb 1565 N		FTMS 101C, 2031
Dimensional Stability	Warp -4.20%	Weft -3.72%	ASTM D1204
Carbon Black Content	4.77% wh intact	2.96% wh removed	ASTM D4218
Volatiles	0.13%		ASTM D1203-94
Low Temperature Flex	Warp Pass@-40	Weft Pass@-40	ASTM D2136
Seam Strength (Shear)	200 lb/inch (1780 N/5cm)		ASTM D751
Accelerated UV Weathering <sup>1</sup>	> 95% strength after 2000 hrs		ASTM G53
Seam Strength (Peel)	7 lb/inch (62 N/5cm)		ASTM D413

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.

#### ROLL SPECIFICATIONS

Cores	4 inch (101.6mm) or 5 inch (127 mm) I.D.
Width	Up to 150 inches (-0, +0.5) as ordered, 3.81 m (-0,+12mm)
Length	Minimum 250 yds/roll (229m); up to 1000yds/roll (914 m)

#### WARRANTY

A 5 year limited warranty is offered on liners used in exposed applications. On fully buried installations, the limited warranty is for a period of 10 years. Contact your IPG representative for further details.