



PRODUCT SPECIFICATION SHEET

RHINOMAT™ 1000

A high strength reinforcing high density polyethylene scrim coated two sides with a uniquely engineered low density black polyethylene blend plus the added protection of SurFlex providing superior hydrostatic resistance and increased weld strength.

PRODUCT SPECIFICATIONS

NOMINAL WEAVE	14 x 12 ppi
COATING	Two Sides LDPE and SurFlex totaling 14mil
COLOR	Black
WEIGHT	705 g/m ² ± 5 % (20.8 oz/yd ² ± 5%) finished weight
WIDTHS	Up to 144"

PRODUCT PERFORMANCE

TENSILE STRENGTH ASTM D751			
Machine	Force	418 lbs.	190 kg
Direction	Elongation		20 %
Cross	Force	385 lbs.	175 kg
Direction	Elongation		20 %
Trapezoidal Tear Strength ASTM D4533			
Machine Direction	Force	80 lbs.	36 kg
Cross Direction	Force	66 lbs.	30 kg
UV Accelerated Weathering ASTM G154			
More than 90 % Strength Retained After 2,000 hours* Exposure			
PUNCTURE RESISTANCE ASTM D4833		280lbs	127 kg
HYDRAULIC CONDUCTIVITY ASTM D4491		0.0 cm/s No Flow	
HYDROSTATIC RESISTANCE ASTM D751 METHOD A		800 psi	5517 kPa
HYDROSTATIC RESISTANCE ASTM D751 METHOD B		>2500in	63.5 m
LOW TEMPERATURE FLEXIBILITY ASTM D2136		- 60°F	- 51°C
Mullen Burst ASTM D751		800 psi	5517 kPa
NOMINAL THICKNESS ASTM D1777**		40 mils	1.0 mm

Note: all values are ± 10%

* QUV A-340 lamps 8hrs UV @60°C, 4hrs Condensation @40°C

** When tested with Vernier Calipers

The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications.