

NovaLiner® 24 9.1 OZ GEOMEMBRANE



NOVA LINER®



PRODUCT DESCRIPTION

A heavyweight fabric that incorporates a special weave pattern to enhance puncture, flatness, and tear properties. The coating recipe is designed to improve toughness and abrasion resistance. This product is intended for exposed applications up to 5 years.

RECOMMENDED APPLICATIONS

Interim Landfill Covers. Containment Liners

PRODUCT DIMENSIONS

Cores 4 inch I.D. or 5 inch I.D. available (10 cm or 13 cm)
Width Up to 150 in (381 cm) (-0, +0.5) as ordered
Length Minimum 250 yds/roll (229 m); up to 1000 yds/roll (914 m)

PRODUCT SPECIFICATIONS

Weave Woven black HDPE scrim
Coating LDPE, 2.4 mil average each side (57 g/m²/side)
Color White, black or other colored coatings available
Weight 9.1. oz/yd² (309 g/m²) ± 5 %



Certified to
NSF/ANSI 61

These values are typical data and are not intended as limiting specifications.

PERFORMANCE PROPERTIES

The following data are typical values based on ASTM standard tests. This data should not be considered specification.

Thickness ASTM D1777	Nominal 24 mil (0.60 mm), ± 10%
Grab Tensile (N) ASTM D7004	MD 294 lb (1305) TD 242 lb (1074)
Strip Tensile (N/5cm) ASTM D7003	MD 240 lb/in (2131) TD 270 lb/in (2398)
Tongue Tear—large scale (N) ASTM D5884	MD 90 lb (400) TD 92 lb (408)
Mullen Burst ASTM D751	530 psi (3652 kPa)
MVTR ASTM E96 Proc. BW	0.23 g/m ² · 24hr (0.03 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	9.79 x 10 ⁻¹⁵ cm/s
Hydrostatic Resistance ASTM D751	262 psi (1805 kPa)
Puncture Resistance ASTM D4833	150 lb (666 N)
CBR Static Puncture ASTM D6241	993 lb (4409 N)
Dimensional Stability ASTM D1204	MD -2.9% TD -1.8%
Low Temperature Flex ASTM D2136	MD & TD: Pass @ -65°C (-85°F)
HP-OIT ASTM D5885 (Measured on coating formulation)	1071 minutes
Accelerated UV Weathering¹ ASTM D7238	>90% tensile strength retention after 10,000 light hours

MD = Machine Direction. TD = Transverse Direction.

¹ Q.U.V [A-340 Lamps]; 20 hrs UV @ 75°C; 4 hrs condensation @ 60°C

Please contact your IPG representative for warranty details.



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