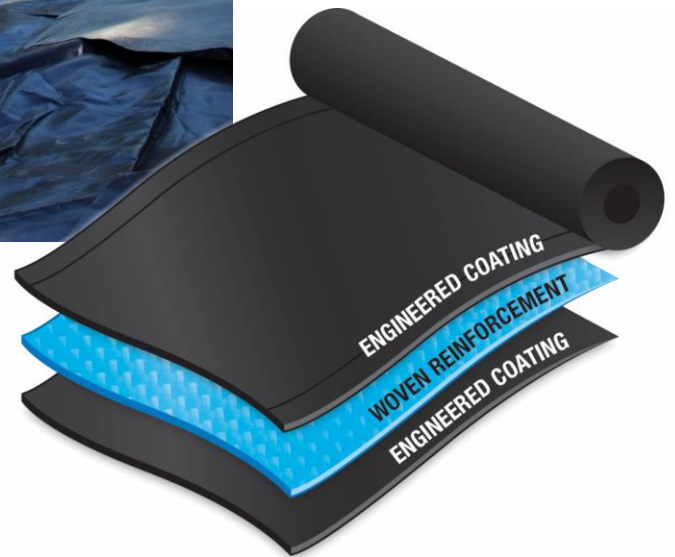


## NovaLiner® 24 9.1 OZ GEOMEMBRANE



**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/m<sup>2</sup>/side)  
**Color** White, black or other colored coatings available  
**Weight** 9.1. oz/yd<sup>2</sup> (309 g/m<sup>2</sup>) ± 5 %



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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.

<b>Thickness</b> ASTM D1777	Nominal 24 mil (0.60 mm), ± 10%
<b>Grab Tensile (N)</b> ASTM D7004	MD 370 lb (1645) TD 275 lb (1223)
<b>Strip Tensile (N/5cm)</b> ASTM D7003	MD 255 lb/in (2233) TD 190 lb/in (1664)
<b>Tongue Tear—large scale (N)</b> ASTM D5884	MD 115 lb (512) TD 120 lb (534)
<b>Mullen Burst</b> ASTM D751	560 psi (3864 kPa)
<b>MVTR</b> ASTM E96 Proc. BW	0.23 g/m <sup>2</sup> · 24hr (0.03 perms)
<b>Hydraulic Conductivity (Permeability)</b> Calculated from MVTR	9.79 x 10 <sup>-15</sup> cm/s
<b>Hydrostatic Resistance</b> ASTM D751	262 psi (1805 kPa)
<b>Puncture Resistance</b> ASTM D4833	150 lb (666 N)
<b>CBR Static Puncture</b> ASTM D6241	993 lb (4409 N)
<b>Dimensional Stability</b> ASTM D1204	MD -2.9% TD -1.8%
<b>Low Temperature Flex</b> ASTM D2136	MD & TD: Pass @ -65°C (-85°F)
<b>HP-OIT</b> ASTM D5885 (Measured on coating formulation)	1071 minutes
<b>Accelerated UV Weathering<sup>1</sup></b> ASTM D7238	>90% tensile strength retention after 10,000 light hours

MD = Machine Direction. TD = Transverse Direction.

<sup>1</sup> 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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