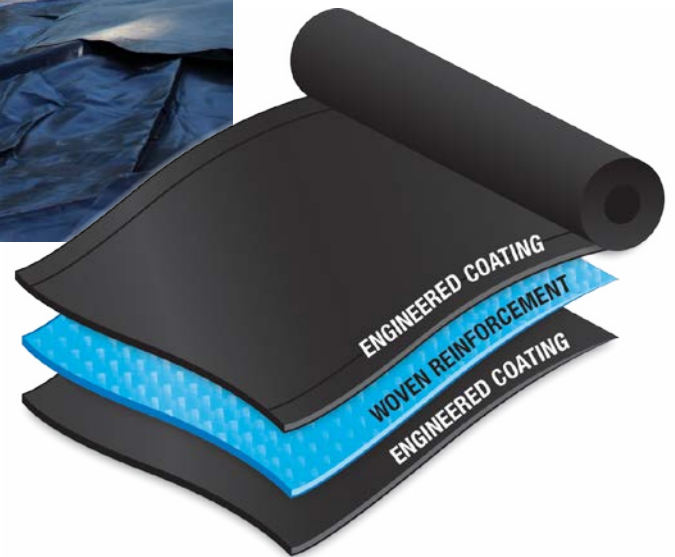


NovaLiner® 30

12.2 OZ GEOMEMBRANE



NOVA LINER®



PRODUCT DESCRIPTION

A heavyweight fabric incorporating 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 10 years.

RECOMMENDED APPLICATIONS

Interim Landfill Covers. Containment Liners, Moisture Barrier

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, 4 mil average each side (95 g/m²/side)
Color White, black or other colored coatings available
Weight 12.2 oz/yd² (414 g/m²) ± 5 %



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NSF/ANSI/CAN 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 30 mil (0.75 mm) ± 10%
Grab Tensile (N) ASTM D7004	MD 320 lb (1423) TD 320 lb (1423)
Strip Tensile (N/5cm) ASTM D7003	MD 200 lb/in (1751) TD 225 lb/in (1970)
Tongue Tear—large scale (N) ASTM D5884	MD 70 lb (311) TD 90 lb (400)
Mullen Burst ASTM D751	550 psi (3795 kPa)
MVTR ASTM E96 Proc. BW	0.21 g/m ² ·24hr (0.03 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	1.46 x 10 ⁻¹⁴ cm/s
Hydrostatic Resistance ASTM D751	423 psi (2914 kPa)
Puncture Resistance ASTM D4833	175 lb (778 N)
CBR Static Puncture ASTM D6241	1025 lb (4551 N)
Carbon Black Content ASTM D4218	3 %
Dimensional Stability ASTM D1204	MD -2.2% TD -1.6%
Low Temperature Flex ASTM D2136	MD & TD Pass @ -65°C (-85°F)
HP-OIT ASTM D5885 (Measured on coating formula)	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°. Equivalent to 1200 kLy in central Europe.

Please contact your IPG representative for warranty details.



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