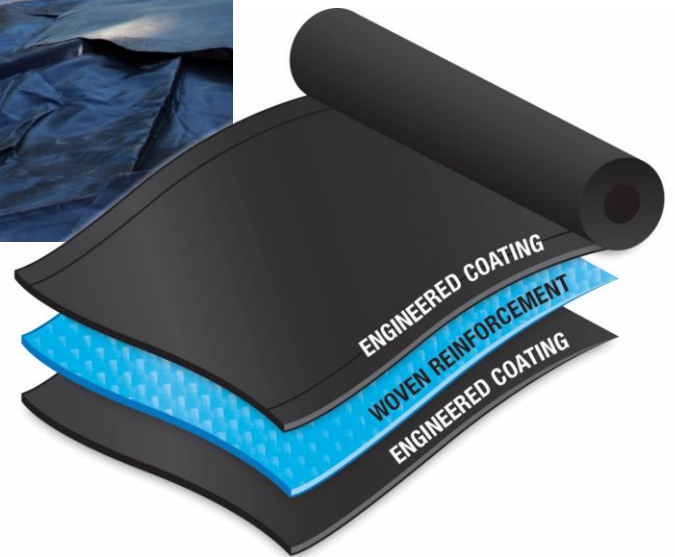


NovaLiner® 20 9.0 OZ GEOMEMBRANE



NOVA LINER®



PRODUCT DESCRIPTION

A heavyweight fabric incorporating a new coating recipe designed to improve toughness and abrasion resistance. This product is intended for exposed applications up to 5 years.

RECOMMENDED APPLICATIONS

Interim Landfill Covers. Short-term 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, 2.5 mil average each side (60 g/m²/side)
Color White, black or other colored coatings available
Weight 9.0 oz/yd² (305 g/m²) ± 5%



Certified to
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 20 mil (0.50 mm), ± 10%
Grab Tensile (N) ASTM D7004	MD 300 lb (1334) TD 370 lb (1646)
Strip Tensile (N/5cm) ASTM D7003	MD 200 lb/in (1751) TD 250 lb/in (2189)
Tongue Tear—large scale (N) ASTM D5884	MD 90 lb (400) TD 110 lb (489)
Mullen Burst ASTM D751	570 psi (3933 kPa)
MVTR ASTM E96 Proc. BW	0.29 g/m ² ·24hr (0.04 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	1.02 x 10 ⁻¹⁴ cm/s
Hydrostatic Resistance ASTM D751	139 psi (958 kPa)
Puncture Resistance ASTM D4833	155 lb (689 N)
CBR Static Puncture ASTM D6241	973 lb (4320 N)
Carbon Black Content ASTM D4218	3 %
Dimensional Stability ASTM D1204	MD -2.5% TD -1.8%
Low Temperature Flex ASTM D2136	MD & TD: Pass @ -65°C (-85°F)
HP-OIT ASTM D5885 (Measured on coating formulation)	1684 minutes
Accelerated UV Weathering¹ ASTM G151 ASTM G154	>90% strength retention after 2000 hrs exposure @ 0.77 W/m ² /nm, or 1200 hrs exposure @ 1.35 W/m ² /nm

MD = Machine Direction. TD = Transverse Direction.

¹ Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4 hrs condensation @ 50°C Equivalent to 240 kLy in central Europe.



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