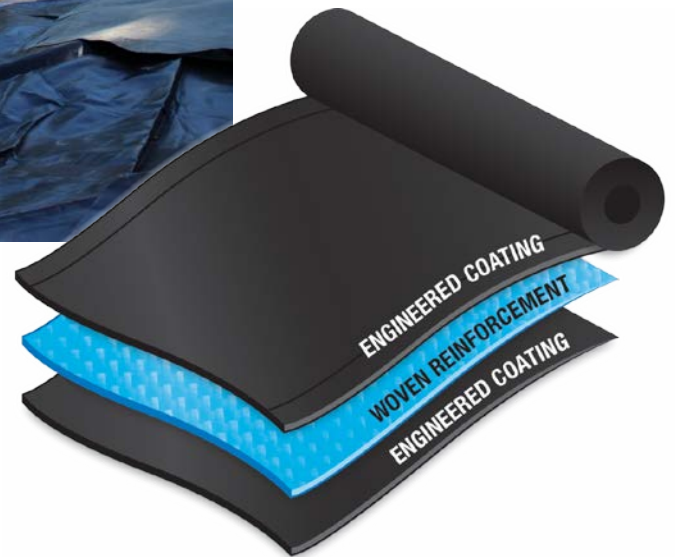


NovaLiner® 20 9.0 OZ GEOMEMBRANE



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 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 250 lb (1110) TD 340 lb (1510)
Strip Tensile (N/5cm) ASTM D7003	MD 175 lb/in (1554) TD 270 lb/in (2398)
Tongue Tear—large scale (N) ASTM D5884	MD 75 lb (333) TD 75 lb (333)
Mullen Burst ASTM D751	550 psi (3790 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	140 lb (622 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 Weatheringⁱ 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.

ⁱ Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4 hrs condensation @ 50°C



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

While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.



100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA

Customer Service: 800-565-2000

www.itape.com | info@itape.com