

Name

BTL™ 24N Geo

Description

Woven fabric incorporating exclusive coatings designed to improve toughness and abrasion resistance. This product has a one side laminated non-woven geotextile to reduce slip risks in dry and wet conditions.

Fabric specifications

Weave: Woven black HDPE scrim
Anti-slip layer: 85 g/m² non woven geotextile

Coating: LDPE, avg. 57 g/m²/side

Colour: black

Weight: 471 g/m² ± 5%

Roll specifications

Core: 10.16 cm inner diameter

Width: max. 366 cm (-0, +1.3)

Length: min. 229 m/roll
max. 457 m/roll

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. These data should not be considered specification.

MD: machine direction, TD: transverse direction

Thickness ASTM D1777	Nominal 0.60 mm ± 10%
Grab Tensile ASTM D7004	MD 1487 N / TD 1509 N
Strip Tensile ASTM D7003	MD 2308 N/5cm / TD 2308 N/5cm
Trapezoidal Tear ASTM D4533-04	MD 532 N / TD 577 N
Tongue Tear (large scale) ASTM D5884	MD 666 N / TD 666 N
Mullen Burst ASTM D751	4478 kPa
MVTR ASTM E96 Proc. BW	0.43 g/m ² ·24hr (0.06 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	7.73 x 10 ⁻¹² cm/s
Hydrostatic Resistance ASTM D751-00	1495 kPa
Puncture Resistance ASTM D4833-00	930 N
Dimensional Stability ASTM D1204-02	MD -3.6% / TD -2.5%
Low Temperature Flex ASTM D2136	MD & TD: Pass @ -40°C
Seam Strength (shear), min. ASTM D4851-07 (2011)	Seam shear should be >80% of the strip tensile of the base fabric
Seam Strength (peel), min. ASTM D4851-07 (2011)	35 N/5cm
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

¹: Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4 hrs condensation @ 50°C

Statements and information contained in this data sheet serve as general guidance and made public based on currently available knowledge. Content is subject to change. In all cases, it is the sole responsibility of the end user and / or designer to ensure that a specific product is suitable for a specific purpose under particular circumstances, and the availability of the latest version of the data sheet.

Please contact the distributor - Creatiger Kft. - for warranty details.



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