

## Name

BTL-30A Film

## Description

Woven fabric incorporating exclusive coatings designed to improve toughness and abrasion resistance. This product has a one side laminated LDPE/LLDPE film.

## Fabric specifications

Weave: Woven black HDPE scrim  
 Coating: LDPE, avg. 57 g/m<sup>2</sup>/side  
 Film: 0.14 mm LDPE/LLDPE  
 Colour: black  
 Weight: 498 g/m<sup>2</sup> ± 5%

## Roll specifications

Core: 10 cm inner diameter  
 Width: max. 366 cm (-0, +1.3)  
 Length: min. 229 m/roll  
 max. 914 m/roll



[www.btlgeomembrane.eu](http://www.btlgeomembrane.eu)



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.

## 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

<b>Thickness</b> ASTM D1777	0.75 mm ±10%
<b>Grab Tensile</b> ASTM D7004	MD 1820 N / TD 1776 N
<b>Strip Tensile</b> ASTM D7003	MD 2309 N/5cm / TD 2309 N/5cm
<b>Tongue Tear (large scale)</b> ASTM D5884	MD 351 N / TD 360 N
<b>Mullen Burst</b> ASTM D751	4289 kPa
<b>MVTR</b> ASTM E96 Proc. BW	0.33 g/m <sup>2</sup> *24h
<b>Hydraulic Conductivity (permeability)</b> Calculated from MVTR	2.06*10 <sup>-12</sup> cm/s
<b>Hydrostatic Resistance</b> ASTM D751	4375 kPa
<b>Puncture Resistance</b> ASTM D4833	866 N
<b>CBR Static Puncture</b> ASTM D6241	5658 N
<b>Carbon Black Content</b> ASTM D4218	3%
<b>Dimensional Stability</b> ASTM D1204	MD -2.9% / TD -1.0%
<b>Low Temperature Flex</b> ASTM D2136	MD & TD: Pass @ -65°C
<b>HP-OIT</b> ASTM D5885 (measured on coating formulation)	3048 minutes
<b>Accelerated UV Weathering<sup>1</sup></b> ASTM D7238	>90% tensile strength retention after 10000 hrs exposure

<sup>1</sup>: Q.U.V [A-340 Lamps]; 20 hrs UV @ 75°C; 4 hrs condensation @ 60°C

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



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