

## FABRENE® LC-12

### FABRIC SPECIFICATIONS

Weave: Woven Black HDPE scrim

Coating: 2 mil average each side  
(50 g/m<sup>2</sup> per side)

Color: Black or Colored coatings  
Available

Cores: 3, 4, 5 or 6 inch ID available

Width: Up to 144"

Length: Up to 2100 linear yards/roll

### PRODUCT PROPERTIES<sup>1</sup>

Unit Weight ASTM 3776	6.1 oz/yd <sup>2</sup> (205 g/m <sup>2</sup> )	
Thickness <sup>2</sup> ASTM D5199	12 mil (305 µm)	
	<b>WARP</b>	<b>WEFT</b>
Grab Strength ASTM D751-00	208 lb <sub>f</sub> (925N)	195 lb <sub>f</sub> (865N)
Tongue Tear ASTM D751-00	84 lb <sub>f</sub> (375N)	82 lb <sub>f</sub> (365N)
Trapezoidal Tear ASTM D751-00	54 lb <sub>f</sub> (240N)	52 lb <sub>f</sub> (230N)
Puncture Resistance ASTM D4833	95 lb <sub>f</sub> (420N)	
Hydrostatic Resistance ASTM D751-00	115 psi (793 kPa)	
Mullen Burst ASTM D3786	300 psi (2068 kPa)	
Volatile Loss ASTM D1203	0.02 %	
Low Temperature Flex ASTM D2136	Warp/Weft: Pass @ -30°C (-22°F)	
Dimensional Stability ASTM D1204	Warp -1.8% Weft:-1.5%	
WVTR ASTM E96	0.36 g/m <sup>2</sup> ·24 hrs	
Accelerated UV Weathering <sup>3</sup> ASTM G154	>90% strength retention after 2000 hrs	

<sup>1</sup> Data represents nominal values based on ASTM standard tests and should not be considered as limiting specifications.

<sup>2</sup> Nominal Value +/- 10%

<sup>3</sup> QUV (A-340 lamps)  
8 hrs UV @ 60°C; 4 hrs condensation @ 50°C

#### SALES INQUIRIES

Fabrene Inc  
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#### ORDER DESK

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