

### FABRENE® LC-16

#### 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 2000 linear yards/roll

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

|  |  |                             |
|--|--|-----------------------------|
| Unit Weight<br>ASTM 3776                               | 7.5 oz/yd <sup>2</sup> (255 g/m <sup>2</sup> ) |                             |
| Thickness <sup>2</sup><br>ASTM D5199                   | 16 mil (406 µm)                                |                             |
|  | <b>WARP</b>                                    | <b>WEFT</b>                 |
| Grab Strength<br>ASTM D751-00                          | 260 lb <sub>f</sub> (1155N)                    | 252 lb <sub>f</sub> (1220N) |
| Tongue Tear<br>ASTM D751-00                            | 64 lb <sub>f</sub> (285N)                      | 73 lb <sub>f</sub> (325N)   |
| Trapezoidal Tear<br>ASTM D751-00                       | 40 lb <sub>f</sub> (180N)                      | 43 lb <sub>f</sub> (190N)   |
| Puncture Resistance<br>ASTM D4833                      | 135 lb <sub>f</sub> (600N)                     |                             |
| Hydrostatic Resistance<br>ASTM D751-00                 | 150 psi (1034 kPa)                             |                             |
| Mullen Burst<br>ASTM D3786                             | 390 psi (2689 kPa)                             |                             |
| Volatile Loss<br>ASTM D1203                            | 0.02 %   |                             |
| Low Temperature Flex<br>ASTM D2136                     | Warp/Weft: Pass @ -30°C (-22°F)                |                             |
| Dimensional Stability<br>ASTM D1204                    | Warp -2.1% Weft:-1.4%                          |                             |
| WVTR<br>ASTM E96                                       | 0.18 g/m <sup>2</sup> -24 hrs                  |                             |
| Accelerated UV<br>Weathering <sup>3</sup><br>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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#### MAILING ADDRESS

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