

### FABRENE® LC-20

#### 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 1350 linear yards/roll

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

Unit Weight ASTM 3776	8.9 oz/yd <sup>2</sup> (302 g/m <sup>2</sup> )	
Thickness <sup>2</sup> ASTM D5199	20 mil (508 µm)	
Grab Strength ASTM D751-00	<b>WARP</b>	<b>WEFT</b>
	344 lb <sub>f</sub> (1530N)	326 lb <sub>f</sub> (1450N)
Tongue Tear ASTM D751-00	136 lb <sub>f</sub> (605N)	139 lb <sub>f</sub> (620N)
Trapezoidal Tear ASTM D751-00	92 lb <sub>f</sub> (410N)	90 lb <sub>f</sub> (405N)
Puncture Resistance ASTM D4833	164 lb <sub>f</sub> (730N)	
Hydrostatic Resistance ASTM D751-00	260 psi (1790 kPa)	
Mullen Burst ASTM D3786	608 psi (4195 kPa)	
Volatile Loss ASTM D1203	0.01 %	
Low Temperature Flex ASTM D2136	Warp/Weft: Pass @ -30°C (-22°F)	
Dimensional Stability ASTM D1204	Warp -2.3% Weft:-1.8%	
WVTR ASTM E96	0.16 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  
Tel: (888) 322-7363 ext 234  
Tel: (705) 476-7057 ext 234  
Fax: (705) 476-7787

#### ORDER DESK

North Bay, Ontario, Canada  
Tel: (888) FABRENE  
(888) 322-7363  
ext 222 or 226  
Fax: (705) 476-0665

#### MAILING ADDRESS

Fabrene Inc  
240 Dupont Road  
P.O. Box 4040  
North Bay, Ontario, Canada  
P1B 9B4

