

FABRENE® LC-40

FABRIC SPECIFICATIONS

Weave: Woven Black HDPE scrim

Coating: 2.5 mil average each side
(65 g/m² per side)

Color: Black or Colored coatings
Available

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

Width: Up to 144"

Length: Up to 650 linear yards/roll

PRODUCT PROPERTIES¹

Unit Weight ASTM 3776	17.1 oz/yd ² (580 g/m ²)	
Thickness ² ASTM D5199	40 mil (1016 µm)	
Grab Strength ASTM D751-00	WARP	WEFT
	690 lb _f (3070N)	680 lb _f (3025N)
Tongue Tear ASTM D751-00	56 lb _f (250N)	70 lb _f (310N)
Trapezoidal Tear ASTM D751-00	65 lb _f (290N)	88 lb _f (390N)
Puncture Resistance ASTM D4833	307 lb _f (1366 N)	
Hydrostatic Resistance ASTM D751-00	>1000 psi (>6895 kPa)	
Mullen Burst ASTM D3786	>1000 psi (>6895 kPa)	
Volatile Loss ASTM D1203	0.04 %	
Low Temperature Flex ASTM D2136	Warp/Weft: Pass @ -30°C (-22°F)	
Dimensional Stability ASTM D1204	Warp -1.6% Weft:-1.6%	
WVTR ASTM E96	0.13 g/m ² ·24 hrs	
Accelerated UV Weathering ³ ASTM G154	>90% strength retention after 2000 hrs	

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

² Nominal Value +/- 10%

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

SALES INQUIRIES

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ORDER DESK

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