

FABRENE® LC-12TL

FABRIC SPECIFICATIONS

Weave: Woven Black HDPE scrim
 Coating: 1.5 mil average each side (35 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 2100 linear yards/roll

PRODUCT PROPERTIES¹

Unit Weight ASTM 3776	5.2 oz/yd ² (178 g/m ²)	
Thickness ² ASTM D5199	12 mil (305 µm)	
Grab Strength ASTM D751-00	WARP	WEFT
	143 lb _f (635N)	202 lb _f (900N)
Tongue Tear ASTM D751-00	52 lb _f (230N)	50 lb _f (225N)
Trapezoidal Tear ASTM D751-00	36 lb _f (160N)	56 lb _f (250N)
Puncture Resistance ASTM D4833	70 lb _f (310N)	
Hydrostatic Resistance ASTM D751-00	80 psi (550 kPa)	
Mullen Burst ASTM D3786	215 psi (1482 kPa)	
Volatile Loss ASTM D1203	0.03 %	
Low Temperature Flex ASTM D2136	Warp/Weft: Pass @ -30°C (-22°F)	
Dimensional Stability ASTM D1204	Warp -1.9% Weft:-1.8%	
WVTR ASTM E96	0.29 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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