



DURATHENE™

Regular Weave PE Fabric

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Product Specification Sheet

IFL120200FR

A high strength 12 x 10 reinforcing high density polyethylene specially woven to achieve superior strengths then coated both sides with a uniquely engineered flame retardant low density polyethylene blend.

PRODUCT SPECIFICATIONS

CODE	IFL120200FR
NOMINAL WEAVE	12 x 10 ppi (47 x 39 tapes per 10 cm)
COATING	Two Sides LDPE @ 2.0 mil thickness, 50.0 g/m ²
COLOR	White
WEIGHT	248 g/m ² ± 5 % (7.3 oz/yd ² ± 5%) finished weight
WIDTHS	Up to 144"

PRODUCT PERFORMANCE

TENSILE STRENGTH ASTM D751-95			
Machine Direction	Force	243 lbs.	110 kg
	Elongation	20 %	
Cross Direction	Force	198 lbs.	90 kg
	Elongation	20 %	
TRAPEZOIDAL TEAR STRENGTH ASTM D4533-91			
Machine Direction	Force	77 lbs.	35 kg
Cross Direction	Force	62 lbs.	28 kg
UV ACCELERATED WEATHERING ASTM G154-98			
More than 90 % Strength Retained After 2,000 hours* Exposure			
FLAME RETARDENCY			
ULC S109, NFPA 701, CPAI 84 sec-6, ASTM E84 Class 1			
LOW TEMPERATURE BEND ASTM 2136-98			-40°C
MULLEN BURST ASTM D751-95		360 psi	2483 kPa
NOMINAL THICKNESS		16 mils	0.41 mm

Note: all values are ± 10%

* QUV A-340 lamps 8hrs UV @60°C, 4hrs Condensation @40°C

The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications.