



# DURATHENE™

## Regular Weave PE Fabric

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## Product Specification Sheet

### IFL105200FR

A 10 x 6 high strength reinforcing high density polyethylene scrim coated with a uniquely engineered low density polyethylene blend containing a flame retardant specially designed to make the fabric self extinguishing.

#### PRODUCT SPECIFICATIONS

<b>NOMINAL WEAVE</b>	10 x 6 ppi (40 x 22 tapes per 10 cm)
<b>COATING</b>	Two Sides LDPE @ 1.5 mil thickness, 37.5 g/m <sup>2</sup> each
<b>COLOR</b>	Clear (Natural), White
<b>WEIGHT</b>	137 g/m <sup>2</sup> ± 5 % (4.0 oz/yd <sup>2</sup> ± 5%) finished weight
<b>WIDTHS</b>	Up to 144"

#### PRODUCT PERFORMANCE

TENSILE STRENGTH ASTM D751-95			
<b>Machine Direction</b>	Force	154 lbs.	70 kg
	Elongation	25 %	
<b>Cross Direction</b>	Force	114 lbs.	52 kg
	Elongation	25 %	
TRAPEZOIDAL TEAR STRENGTH ASTM D4533-91			
<b>Machine Direction</b>	Force	60 lbs.	27 kg
<b>Cross Direction</b>	Force	40 lbs.	18 kg
UV ACCELERATED WEATHERING ASTM G154-98			
More than 80 % Strength Retained After 1000 hours* Exposure			
FLAME RETARDENCY			
Boston Fire Marshall, CPAI-84 (Section 6 & 7)			
<b>MULLEN BURST ASTM D751-95</b>		200 psi	1380 kPa
<b>NOMINAL THICKNESS</b>		6.0 mils	0.15 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.