



# DURATHENE™

## Regular Weave PE Fabric

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## Product Specification Sheet

### IFL280100

A high strength 12 x 8 reinforcing high density polyethylene scrim coated one side with a uniquely engineered low density black polyethylene blend.

#### PRODUCT SPECIFICATIONS

<b>CODE</b>	IFL280100
<b>NOMINAL WEAVE</b>	12 x 8 ppi (47 x 32 tapes per 10 cm)
<b>COATING</b>	One Side LDPE @ 1.75 mil thickness, 43.75g/m <sup>2</sup> (1.3 oz/yd <sup>2</sup> )
<b>COLOR</b>	Black
<b>WEIGHT</b>	180 g/m <sup>2</sup> ± 5 % (5.3 oz/yd <sup>2</sup> ± 5%) finished weight
<b>WIDTHS</b>	Up to 144"

#### PRODUCT PERFORMANCE

<b>TENSILE STRENGTH ASTM D751-95</b>			
Machine Direction	Force	209 lbs.	95 kg
	Elongation		25 %
Cross Direction	Force	154 lbs.	70 kg
	Elongation		25 %
<b>TRAPEZOIDAL TEAR STRENGTH ASTM D4533-91</b>			
Machine Direction	Force	95 lbs.	43 kg
Cross Direction	Force	57 lbs.	26 kg
<b>UV ACCELERATED WEATHERING ASTM G154-98</b>			
More than 90 % Strength Retained After 2,000 hours* Exposure			
<b>MULLEN BURST ASTM D751-95</b>		320 psi	2241 kPa
<b>PUNCTURE RESISTANCE ASTM D4833-88</b>		108 lbs	49 kg
<b>NOMINAL THICKNESS</b>		14 mils	0.36 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.