



DURATHENE™

Regular Weave PE Fabric

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Product Specification Sheet

IFL300400

A high strength 30 x 30 reinforcing high density polyethylene specially woven to achieve superior strengths then coated both sides with a uniquely engineered low density polyethylene blend.

PRODUCT SPECIFICATIONS

CODE	IFL300400
NOMINAL WEAVE	30 x 30 ppi (118 x 118 tapes per 10 cm)
COATING	Two Sides LDPE @ 2.0 mil thickness, 50g/m ²
COLOR	Black
WEIGHT	590 g/m ² ± 5 % (17.5 oz/yd ² ± 5%) finished weight
WIDTHS	Up to 144"

PRODUCT PERFORMANCE

TENSILE STRENGTH ASTM D751-95			
Machine Direction	Force	630 lbs.	286 kg
	Elongation		27 %
Cross Direction	Force	550 lbs.	250 kg
	Elongation		24 %
TRAPEZOIDAL TEAR STRENGTH ASTM D4533-91			
Machine Direction	Force	141 lbs.	64 kg
Cross Direction	Force	110 lbs.	50 kg
UV ACCELERATED WEATHERING ASTM G154-98			
More than 95 % Strength Retained After 2,000 hours* Exposure			
MULLEN BURST ASTM D751-95		1100 psi	7586 kPa
NOMINAL THICKNESS		33 mils	0.84 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.