

## TECHNICAL DATA SHEET

# ENERGY SAVER™ BLACK FABRIC

## DESCRIPTION

A medium-weight, polyethylene fabric designed for protective covers.

## FABRIC SPECIFICATIONS

<b>Weave</b>	Woven black HDPE scrim
<b>Coating</b>	2.4 mil/ 2.0 mil average (57 / 48 g/m <sup>2</sup> )
<b>Color</b>	Black/White
<b>Weight</b>	5.3 oz/yd <sup>2</sup> (180 g/m <sup>2</sup> ) +/- 5 %
<b>Thickness</b>	9 mil (0.22 mm) +/-10%, ASTM D1777

## PERFORMANCE PROPERTIES

The following data are typical values based on ASTM standard tests. These data should not be considered specification.

## CLASSIFICATION

## TYPE V AND TYPE VI

<b>Grab Tensile</b> ASTM D-5034	Warp 140 lb, 620 N / Weft 135 lb, 600 N
<b>Strip Tensile (N/5cm)</b> ASTM D-5035	Warp 90 lb/in (799) / Weft 89 lb/in (790)
<b>Tongue Tear</b> ASTM D-2261	Warp 50 lb, 222 N / Weft 50 lb, 222 N
<b>Mullen Burst</b> ASTM D-3786	245 psi / 1688 kPa
<b>Moisture Vapor Transmission</b> ASTM E96 Proc. B	0.22 g/m <sup>2</sup> ·24hr (0.03 perms)
<b>UV Weathering<sup>1</sup></b>	>80 % strength retention after 2000 hrs exposure @ 0.77 W/m <sup>2</sup> /nm, or 1200 hrs exposure @ 1.35 W/m <sup>2</sup> /nm.
<b>FR Performance</b>	This product meets the requirements of ASTM E84-00a (Class 1)

<sup>1</sup> Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4hrs condensation @ 50°C

**PLEASE CONTACT YOUR SILVERCOTE SALES REPRESENTATIVE  
FOR MORE INFORMATION AT (844) 232-3701 OR INFO@SILVERCOTE.COM**