



## Nova-Shield II™ with ArmorKote™ RU88X-6 (4 mil)

### DATA SHEET

Heavyweight fabric for applications such as membrane structures and alternate daily landfill covers. The scrim is produced in a special weaving pattern to enhance thickness, flatness, abrasion resistance, and tear properties. The proprietary coating is used to enhance abrasion resistance, flex resistance, seam strength, UV resistance and longevity.

### FABRIC SPECIFICATIONS

WEAVE	Woven clear HDPE scrim
COATING	4.0 mil average, two sides LDPE (94 g/m <sup>2</sup> , two sides LDPE)
COLOUR	Natural, white, blue, green, yellow, red, sandstone(beige)
WEIGHT	12.0 oz/yd <sup>2</sup> (407 g/m <sup>2</sup> ) +/- 5%
THICKNESS	23 mils(0.59mm) ASTM D5199

### PERFORMANCE

GRAB TENSILE	Warp 370 lb 1664 N	Weft 350 lb 1555 N	ASTM D5034-95
STRIP TENSILE, lb/inch(N/5cm)	Warp 260(2311)	Weft 240(2100)	ASTM D5035-95
TRAPEZOIDAL TEAR	Warp 95 lb 422 N	Weft 90 lb 400 N	ASTM D4533-04
TONGUE TEAR	Warp 110 lb 489 N	Weft 110 lb 489 N	ASTM D2261-96
MULLEN BURST	690 psi 4761 kPa		ASTM D3786-01
ACCELERATED UV WEATHERING <sup>1</sup>	>90 % strength retention after 2000 hrs exposure @ 0.77 W/m <sup>2</sup> /nm, or 1200 hours exposure @ 1.35 W/m <sup>2</sup> /nm.		ASTM G151-00 ASTM G154-04
ACCELERATED NATURAL WEATHERING	>80 % strength retention after 5 Florida Standard Years <sup>2</sup>		ASTM G90-98
LOW TEMPERATURE BEND	-60 °C		ASTM D2136-94

<sup>1</sup> Q.U.V. [A-340 Lamps]: 8 hrs UV @ 60° C; 4 hrs condensation @ 50° C <sup>2</sup> 1333 MJ

### FR PERFORMANCE

This product meets the requirements of ASTM E84-00a(Class 1).

### ROLL SPECIFICATIONS

CORES	4 inch (101.6 mm) or 5 inch (127 mm) I.D.
WIDTH	Up to 150 inches (-0, + 0.5) as ordered, 3.81 m (-0, +12 mm)
LENGTH	Minimum 250 yds/roll (229 m); up to 1000 yds/roll (914 m)

These values are typical data and are not intended as limiting specifications.

DS2005(RU88X-6AK4mil)  
Rev 3 05/30/2007

### Engineered Coated Products

<b>Brantford, ON</b>	<b>Langley, BC</b>	<b>Hawkesbury, ON</b>	<b>Truro, NS</b>
<b>1-888-353-9421</b>	<b>1-888-894-6725</b>	<b>1-800-465-5597</b>	<b>1-800-565-2000</b>