



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 ² , two sides LDPE)
COLOUR	Natural (clear), white, blue, green, yellow, red, beige
WEIGHT	12.0 oz/yd ² (407 g/m ²) +/- 5%
THICKNESS	20 mils(0.50mm) ASTM D5199

PERFORMANCE

GRAB TENSILE	Warp 370 lb 1664 N	Weft 345 lb 1532 N	ASTM D5034-95
STRIP TENSILE, lb/inch(N/5cm)	Warp 275 (2444)	Weft 245 (2178)	ASTM D5035-95
TRAPEZOIDAL TEAR	Warp 90 lb 400 N	Weft 90 lb 400 N	ASTM D4533-04
TONGUE TEAR	Warp 115 lb 510 N	Weft 110 lb 489 N	ASTM D2261-96
MULLEN BURST	675 psi 4658 kPa		ASTM D3786-01
ACCELERATED UV WEATHERING ¹	>90 % strength retention after 2000 hrs exposure @ 0.77 W/m ² /nm, or 1200 hours exposure @ 1.35 W/m ² /nm.		ASTM G151-00 ASTM G154-04
ACCELERATED NATURAL WEATHERING	>80 % strength retention after 5 Florida Standard Years ²		ASTM G90-98
LOW TEMPERATURE BEND	-60 °C		ASTM D2136-94

¹ Q.U.V. [A-340 Lamps]: 8 hrs UV @ 60° C; 4 hrs condensation @ 50° C ² 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)
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Engineered Coated Products

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