



Nova-Shield® II with ArmorKote™ FRU88X-6 (4 mil)

DATA SHEET

Heavyweight fabric for applications requiring flame retardants and UV stability, 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 HDPE scrim using natural FR /UV tapes
COATING	4 mil average each side (95 g/m ² /side)
COLOUR	Off-White, Green, Blue, Red, Sandstone and other colors available
WEIGHT	12.0 oz/yd ² (407 g/m ²) +/- 5 %
THICKNESS	23 mils(0.59mm) ASTM D5199-99

PERFORMANCE

GRAB TENSILE	Warp 360 lb 1600 N	Weft 350 lb 1555 N	ASTM D5034-95
STRIP TENSILE, lb/inch (N/5cm)	Warp 265 (2356)	Weft 245 (2178)	ASTM D5035-95
TRAPEZOIDAL TEAR	Warp 95 lb 422 N	Weft 90 lb 401 N	ASTM D4533-04
TONGUE TEAR	Warp 110 lb 489 N	Weft 110 lb 489 N	ASTM D2261-96
MULLEN BURST	675 psi 4657 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 & UV PERFORMANCE

This product meets the requirements of NFPA 701-1989(large and small scale)and 1996(tests 1 & 2), CAN/ULC S109-M87(small and large scale), CAN/ULC S102-03, CAN/ULC S102.2-03, ASTM E84-00a(Class 1), UBC31-1, California Fire Marshall(F-51405).

ROLL SPECIFICATIONS

CORES	4 inch I.D. or 5 inch I.D. available.
WIDTH	Up to 150 inches (-0, + 0.5) as ordered
LENGTH	Minimum 250 yds/roll (app. 750 lbs/roll @ 144"); up to 1000 yds/roll

DS2006(FRU88X-6AK4mil)
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Engineered Coated Products

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