

NovaShield® FRU88X-6 460

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET Proforma – Based on limited data

DESCRIPTION

NovaShield® FRU88X-6 460 is a 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: 4mil/6mil average each side (92 g/m²/142 g/m²)
 Green, blue, grey and sandstone available upon request
 Weight: 13.5 oz/yd² (457g/m²) +/- 5 %

ROLL SPECIFICATIONS

Cores: 4 inch I.D. or 5 inch I.D. available
 Width: 144 inches (-0, +0.5)
 Length: Minimum 250 yds/roll; up to 500 yds/roll



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PERFORMANCE PROPERTIES

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

Thickness ASTM D1777	25 mil (0.64 mm)
Grab Tensile ASTM D5034	Warp 470 lb 2086 N / Weft 400 lb 1776 N
Strip Tensile (N/5cm) ASTM D5035	Warp 280 lb/in (2486)/Weft 245 lb/in (2175)
Tongue Tear ASTM D2261	Warp 90 lb 400 N / Weft 80 lb 355 N
Trapezoidal Tear ASTM D4533	Warp 85 lb 377 N / Weft 80 lb 355 N
Mullen Burst ASTM D3786	670 psi / 4616 kPa
Accelerated UV Weathering ¹ ASTM G154	>90% strength retention after 2000 hrs exposure @ 0.77 W/m ² /nm, or 1200 hrs exposure @ 1.35 W/m ² /nm

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

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EFFECTIVE: 04/22

FR PERFORMANCE

This product meets the requirements of NFPA 701 – 2019 (Methods 1 and 2), ASTM E84 -00a (Class 1), CAN ULC S109-14 (large and small scale).

