

RU ELITE

DESCRIPTION

NovaShield[®] RU ELITE is a heavyweight membrane for applications extended UV stability, such as membrane structures. This ELITE product is manufactured with a high strength film laminated to one side and a proprietary coating on the back side. This high strength film is used to enhance abrasion resistance, flex resistance, seam strength, UV resistance and longevity. The scrim is produced in a special weaving pattern to enhance flatness, abrasion resistance, and tear properties.

FABRIC SPECIFICATIONS

Weave: Woven HDPE scrim
 Coating: White PE
 Film: White PE
 Colour: White only
 Weight: 13.5 oz/yd² (458g/m²) +/- 5 %

ROLL SPECIFICATIONS

Cores: 4 inch I.D. or 5 inch I.D. available
 Width: 144 inches (-0, +0.5)
 Length: White/white – 500 yards

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



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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	26 mil (0.66 mm)
Grab Tensile ASTM D5034	Warp 480 lb 2131 N / Weft 420 lb 1865 N
Strip Tensile (N/5cm) ASTM D5035	Warp 290 lb/in (2575)/Weft 260 lb/in (2308)
Tongue Tear ASTM D2261	Warp 90 lb 399 N / Weft 85 lb 377 N
Trapezoidal Tear ASTM D4533	Warp 90 lb 399 N / Weft 85 lb 377 N
Mullen Burst ASTM D3786	680 psi / 4685 kPa
Accelerated UV Weathering¹ ASTM G154	100% strength retention after 2000 hrs exposure @ 0.77 W/m ² /nm, or 1200 hrs exposure @ 1.35 W/m ² /nm
Low Temperature Bend ASTM D2136	-65°C

20-year Prorated Warranty – Please see your territory manager for details.

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EFFECTIVE: 02/23

