

RU10-6 250

MEMBRANE STRUCTURE FABRIC

INTERTAPE POLYMER GROUP®

TECHNICAL DATA SHEET

DESCRIPTION

NovaShield® brand RU10-6 250 is a medium weight fabric with enhanced UV protection for use in portable garages, car ports, boat shelters, specialized covers, and other applications demanding superior performance.

FABRIC SPECIFICATIONS

Weave: Woven clear HDPE scrim
Coating: 2.5 mil average each side (59 g/m²/side)
Color: White, clear or other colors available upon request
Weight: 7.4 oz/yd² (247 g/m²) +/- 10%
Thickness: 16 mil (0.4mm) ASTM D1777

ROLL SPECIFICATIONS

Cores: 4 inch (101.6mm) I.D. or 5 inch (127mm) I.D. available
Width: Up to 144 inches (-0, +0.5) as ordered, 3.66m (-0, +12mm)
Length: Minimum 500 yds/roll (457m); up to 2000 yds/roll (914m)

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. This data should not be considered specification.

Grab Tensile ASTM D5034	Warp 230 lb 1021 N / Weft 220 lb 976 N
Strip Tensile (N/5cm) ASTM D5035	Warp 150 lb/in (1332) / Weft 140 lb/in (1243)
Tongue Tear ASTM D2261	Warp 65 lb 288 N / Weft 65 lb 288 N
Trapezoidal Tear ASTM D4833	Warp 60 lb 266 N / Weft 55 lb 244 N
Mullen Burst ASTM D3786	415 psi / 2859 kPa
Accelerated UV Weathering¹ ASTM G154	>80% 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: 5/15

NovaShield
BRAND