

Membrane Structure Fabric with ArmorKote

RU88X-6, 400

INTERTAPE POLYMER GROUP TECHNICAL DATA SHEET

DESCRIPTION

RU88X-6, 400 is a heavyweight fabric for applications requiring UV stability. The scrim is produced in a special weaving pattern to enhance flatness, abrasion resistance, and tear properties. The proprietary coating is used to enhance abrasion resistance, flex resistance, seam strength, UV resistance and longevity. RU88X-6, 400 is perfect for a wide range of building applications in agriculture, oil and gas, mining, recreation and municipal structures.

FABRIC SPECIFICATIONS

Weave: Woven clear HDPE scrim
Coating: LDPE, 4 mil average each side (95 g/m²/side)
Color: Natural (clear), white, blue, green, red, beige and other colors available upon request
Weight: 12 oz/yd² (407g/m²) +/- 5 %

ROLL SPECIFICATIONS

Cores: 4 inch I.D. or 5 inch I.D. available
Width: Up to 144 inches (-0, +0.5) as ordered
Length: Minimum 250 yds/roll; up to 1000 yds/roll

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

PERFORMANCE PROPERTIES

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

Thickness ASTM D1777	23 mil (0.59 mm)
Grab Tensile ASTM D5034	Warp 445 lb 1975 N / Weft 385 lb 1709 N
Strip Tensile (N/5cm) ASTM D5035	Warp 280 lb/in (2486)/Weft 240 lb/in (2131)
Tongue Tear ASTM D2261	Warp 115 lb 510 N / Weft 110 lb 488 N
Trapezoidal Tear ASTM D4533	Warp 95 lb 422 N / Weft 90 lb 400 N
Mullen Burst ASTM D3786	680 psi / 4685 kPa
Hydrostatic Resistance ASTM D751	273 psi / 1880 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
Accelerated Natural Weathering ASTM G90	>90 % strength retention after 5 Florida Standard Years ²
Low Temperature Bend ASTM D2136	-60°C

¹ Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4hrs condensation @ 50°C ² 1333 MJ

FR PERFORMANCE

This product meets the requirements of ASTM E84-00a (Class 1).



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EFFECTIVE: 02/23

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