RU88X-6 400

MEMBRANE STRUCTURE FABRIC WITH ARMORKOTE™

INTERTAPE POLYMER GROUP®

TECHNICAL DATA SHEET

DESCRIPTION

NovaShield® RU88X-6 400 is a heavyweight fabric for applications requiring UV stability, such as membrane structures and alternate daily landfill covers. 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.

FABRIC SPECIFICATIONS

Weave:	Woven clear HDPE scrim
Coating:	LDPE, 4 mil average each side (95 g/m^2/side)
Color:	Natural (clear), white, blue, green, red, beige and other colors available upon request
Weight:	12 oz/yd^2 (407g/m^2) +/- 5 %
Thickness:	23 mil (0.59 mm) ASTM D1777

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. This data should not be considered specification.

Grab Tensile ASTM D5034	Warp 370 lb 1664 N / Weft 345 lb 1532 N
Strip Tensile (N/5cm) ASTM D5035	Warp 250 lb/in (2220)/Weft 235 lb/in (2086)
Tongue Tear ASTM D2261	Warp 110 lb 488 N / Weft 100 lb 444 N
Trapezoidal Tear ASTM D4533	Warp 100 lb 444 N / Weft 90 lb 400 N
Mullen Burst ASTM D3786	650 psi / 4428 kPa
Accelerated UV Weathering[1] ASTM G154	>90 % strength retention after 2000 hrs exposure @ 0.77 W/m²/nm, or 1200 hrs exposure @ 1.35 W/m²/nm
Accelerated Natural Weathering ASTM G90	>80 % 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).

intertape polymer group®

100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA

Customer Service: 800.565.2000

www.itape.com | info@itape.com

While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.

EFFECTIVE: 3/16

CRRC COOL ROOF RATING COUNCIL

NovaShield® BRAND