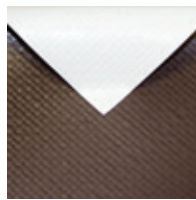


i build with



NOVASHIELD™ 400 SERIES WITH ARMORKOTE™



INTRODUCING NEW COLORS!

IPG® is now offering brand new colored fabrics that have the same heavy weight-strength and durability NovaShield™ is known for.

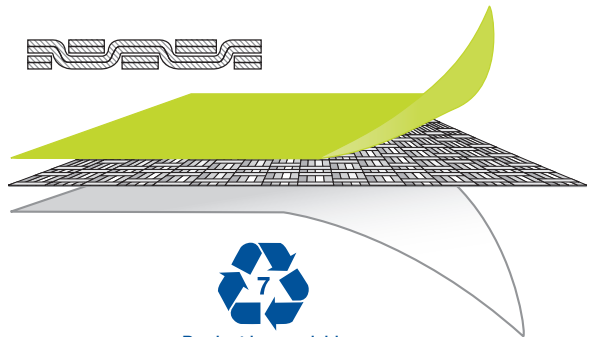
Whether you're building a vast sports arena or a multi-purpose event tent, NovaShield is the proven choice for membrane structure fabrics. Designed to meet the industry's highest standards, NovaShield membrane structure fabric is the proven material. Our patented weave produces impressive strength-to-weight ratios and its lighter weight makes for easier, faster, money-saving installations. NovaShield features excellent physical properties, wider widths and better color retention than comparable products.

Now offering
NovaShield
Structure Repair Tape



FEATURES & BENEFITS

- **Enhanced UV protection for long service life**
- **High strength-to-weight ratio**
- **Wider widths (up to 144") means fewer seams and lower manufacturing costs**
- **Proprietary coating enhances abrasion resistance, flex resistance, seam strength and longevity**
- **Dirt repelling LDPE coating**
- **15 year warranty**



Product is recyclable
where facilities exist



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/m²/side)
Color: Natural (clear), white, blue, green, red, beige and other colors available upon request
Weight: 12 oz/yd² (407g/m²) +/- 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.



100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA
Customer Service: 800.565.2000
www.itape.com | info@itape.com

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 Weathering¹ 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
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).

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EFFECTIVE: 3/16



NovaShield
BRAND

RU88X-6 (FR) 400

MEMBRANE STRUCTURE FABRIC WITH ARMORKOTE™

INTERTAPE POLYMER GROUP®

TECHNICAL DATA SHEET

DESCRIPTION

NovaShield® brand RU88X-6(FR) 400 is a flame-retardant, 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 flame-retardant 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/m²/side)
Color: White, blue, green, sandstone (beige)
Weight: 12 oz/yd² (407g/m²) +/- 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.



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EFFECTIVE: 3/16

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 / 4478 kPa
Accelerated UV Weathering¹ 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
Low Temperature Bend ASTM D2136	-60°C

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

FR PERFORMANCE

This product meets the requirements of NFPA 701-2015 (Method 2), NFPA-701(1989) Large Scale; CAN/ULC S109-M87 (Large Scale), and ASTM E84-00a (Class 1).

NovaShield
BRAND