

i build



**NovaShield**  
BRAND



**NOVASHIELD® TL**

## TENT FABRIC

NovaShield® TL with AmorKote™ is an excellent solution for event tent sidewall applications. Tent Sidewalls require the largest quantity of fabric needed for an Event Tent. At half the weight of competing sidewall products, Novashield TL makes for faster installations and fabrication of the sidewall. Its an excellent choice for applications that require flame retardancy and/or UV stability. AmorKote is our proprietary coating used to enhance abrasion resistance, flex resistance, seam strength, UV resistance and longevity.

## FEATURES & BENEFITS

- Light weight and easy to install
- ArmorKote Technology provides excellent abrasion resistance, flex resistance, and seam strength
- UV stability
- Incredible tear strength
- Non-polar surface washes off quickly
- High cold crack resistance and flexibility in colder temperatures
- Fabric width up to 146"



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## PRODUCT ATTRIBUTES

CHARACTERISTICS	TEST METHOD	FRU8-6, 250	FRU210
Weave		Woven HDPE scrim	Woven clear UV stabilized scrim
Coating		3.0 mil average two sides (71 g/m <sup>2</sup> two sides)	2.0 mil average each side (48 g/m <sup>2</sup> /side)
Color		Off-white	White FR and other coloured coatings available upon request
Weight		7.4 oz/yd <sup>2</sup> (252 g/m <sup>2</sup> ) +/- 5%	4.9 oz/yd <sup>2</sup> (168 g/m <sup>2</sup> ) +/- 10%
Thickness	ASTM D1777	12 mil (0.30mm) +/- 10%	-
Strip Tensile (N/5cm)	ASTM D5035	Warp 165 lb/in (1465) Weft 120 lb/in (1065)	-
Tongue Tear	ASTM D2261	Warp 60 lb 266 N Weft 65 lb 288 N	Warp 45 lb 200 N Weft 45 lb 200 N
Trapezoidal Tear	ASTM D4533	Warp 70 lb 310 N Weft 50 lb 222 N	Warp 40 lb 177 N Weft 30 lb 133 N
Mullen Burst	ASTM D3786	365 psi / 2514 kPa	290 psi / 1998 kPa
Grab Tensile	ASTM D5034	-	Warp 160 lb 710 N Weft 125 lb 555 N
Accelerated UV Weathering <sup>1</sup>	ASTM G154	>80% strength retention after 2000 hrs exposure 0.77 W/m <sup>2</sup> /nm, or 1200 hrs exposure @ 1.35 W/m <sup>2</sup> /nm	>80% strength retention after 2000 hrs exposure 0.77 W/m <sup>2</sup> /nm, or 1200 hrs exposure @ 1.35 W/m <sup>2</sup> /nm
FR PERFORMANCE		This product meets the requirements of NFPA 701 - 1989 (large and small scale), CAN/ULC S109 (large scale), ASTM E84-00a (Class 1; FSI=10; SD=70), California Fire Marshal (F-51407).	This product meets the requirements of CAN/ULC S109 (large scale)

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

## PRODUCT APPLICATIONS

- Tent sidewalls
- Interior divider walls

## MARKETS

- Event tents



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