

- TRL (translucent)
- Matt or gloss
- Unlimited colour range
- Bi-colour / Metallic
- Blackout
- Aero coating

- Highly translucent up to 21%
- Blocks out harmful UV light
- Fire resistant
- Temperature range -50°C / +200°C
- Long life span 25 years +
- Weatherproof & hydrophobic
- Flexible & crease resistant
- Non toxic & PVC free
- Recyclable and sustainable



Think Green
Think Atex

APPLICATIONS		TYPE III		
Atex 5000 TRL - A high strength textile adapted for large scale tensile membrane structures. This mid-weight fabric offers outstanding weather protection.				
BASE FABRIC				
Yarn	Glass-fibre	100%		
Weight		685 (g/m ²)		DIN EN 5384
Weave style		Plain		
COATED FABRIC		WITH ANTI-WICK TREATMENT		
Coating	Clear Silicone Elastomer	100%		
Tensile strength	Warp	> 6500 (N/5cm)	130 (kN/m)	ISO 1421
	Weft	> 6000 (N/5cm)	120 (kN/m)	ISO 1421
Trapezoidal tear	Warp		> 550N	
	Weft		> 550N	
Crease resistance			> 99%	ASTM D4851
Total weight			1165 (g/m ²)	DIN EN 5384
Thickness			0.80 mm	
Standard Widths			2000/2500/3000 mm	
Bi-Axial Mechanical properties			Available on request	
Acoustic attenuation			Available on request	
OPTICAL VALUES		Solar	Standard D65	
Transmission		18.5%	21.0%	DIN EN 410
Reflection		68.5%	75.0%	DIN EN 410
Absorption		13.0%	4.0%	DIN EN 410
FABRICATION				
Sewing (PTFE yarn)				
Welding (silicone tape)*	Tensile > 4000 (N/5cm)		Peel 180° > 150 (N/5cm)	
CHARACTERISTICS				
Temperature Range			-50° to + 200°C	
Capillary Rise	with Anti-wick treatment		<5 (mm/24h)	DIN 53 925
FIRE RATING				
UK			Class 0	BS 476:Part 6:1989,Part 7:1997
DE			B1	DIN 4102

* depending on equipment, must be in accordance with specified adhesive tape grade and coordinated parameters.
 (Company may change these specifications from time to time subject to a programme of continuous improvement.)
 This data sheet is for guidance only.

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VALMIERA GLASS®