

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

- High tensile strength
- Highly translucent up to 15%
- 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 IV/V	
Atex 8000 TRL - this is the heaviest and most robust textile in the Atex membrane range, providing outstanding tensile strength and durability for membrane structures. Perfect for large scale architectural membrane constructions such as stadium roofs.			
BASE FABRIC			
Yarn	Glass-fibre	100%	
Weight		1100 (g/m ²)	DIN EN 5384
Weave style		Plain	
COATED FABRIC		WITH ANTI-WICK TREATMENT	
Coating	Clear Silicone Elastomer	100%	
Tensile strength	Warp	> 10000 (N/5cm)	200 (kN/m)
	Weft	> 9900 (N/5cm)	198 (kN/m)
Trapezoidal tear	Warp	> 900N	
	Weft	> 850N	
Crease resistance		> 99%	ASTM D4851
Total weight		1560 (g/m ²)	DIN EN 5384
Thickness		1.20 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		13.0%	15.0%
Reflection		70.0%	77.0%
Absorption		17.0%	8.0%
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®



INDUSTRIAL FABRICS
Association International

