

- TRL (translucent)
- Matt or gloss
- Unlimited colour range
- Bi-colour / Metallic & blackout
- Perforated
- Aero coating
  
- Highly translucent up to 41%
- 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 I	
Atex 3000 TRL - A popular fabric for architects combining excellent tensile strength in conjunction with high translucency for interior or external applications. Perfect for light weight tensile membrane structures and shade sails.			
BASE FABRIC			
Yarn	Glass-fibre	100%	
Weight		340 (g/m <sup>2</sup> )	DIN EN 5384
Weave style		Plain	
COATED FABRIC		WITH ANTI-WICK TREATMENT	
Coating	Clear Silicone Elastomer	100%	
Tensile strength	Warp	> 4000 (N/5cm)	80 (kN/m)
	Weft	> 3900 (N/5cm)	78 (kN/m)
Trapezoidal tear	Warp	> 190N	
	Weft	> 190N	
Crease resistance		> 92%	ASTM D4851
Total weight		605 (g/m <sup>2</sup> )	DIN EN 5384
Thickness		0.45 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		38.0%	41.0%
Reflection		44.0%	41.0%
Absorption		17.0%	18.0%
FABRICATION			
Sewing (PTFE yarn)			
Welding (silicone tape)*	Tensile > 2000 (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  
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