



Product Specification

Type Solus 500 SG L

Taconic's Solus 500 SGL was developed specifically for use as a shade/black out material for use public buildings. Meeting the highest fire rating criteria possible in Germany (DIN 4102-A2), Solus 500 SGL has been used in Frankfurt & Munich exhibition halls as shading material mounted on a series of motorised curtain system to ensure minimal sun disruption to event visitors. One face of the material is grey to fit in with the internal surroundings of the building; the other face being silver to reflect the rays of the sun. Solus 500 SGL is available at a width of 1550mm.

Product Properties	Units	Value	Tolerance	Test Method
Product Name		Solus 500 SG L		
Reinforcing Fabric		E-glass		
Coating Type		PTFE		
% Coating		42	+/-2%	
Nominal Thickness	microns	300		
Total Coated Weight	g/sqm	500	+/-5%	
Operating Temperature	°Celsius	-73° to +260°		
Surface Resistivity	Mega Ohms	N/A		
Dielectric Breakdown	Volts	3000	Typical	BS 903 C5
		1000	Minimum	
Coating Adhesion Strength	N/5cm	15	Typical	ISO 2411
		10	Minimum	
Tensile Strength	N/5cm	2500	Typical Warp	ISO 1421
		2000	Min Warp	
		1800	Typical Weft	
		1200	Min Weft	
Tear Strength	N	150	Typical Warp	ISO 4874-1
		80	Min Warp	
		80	Typical Weft	
		30	Min Weft	

Information contained in this document is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge or control. All data is subject to change without notice.

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