



SilverScreen Solar Screen Fabric

Product Specifications

Benefits: SilverScreen fabric is an innovative breakthrough in solar heat and light control. Featuring an ultra-fine layer of aluminum applied to the back side of the fabric.

Specifications:	
Category	High Performance Solar Screen Fabric
Openness Factor	4%
UV Blockage	Approximately 96%
Weave style	1 x 2 Basketweave
Anti-Static	Yes
Composition	64% PVC, 36% Fiberglass, Aluminum Backing
Thickness	0.055" ±5%
Weight	400 g/m ²
Width	94" (2400 mm) ±50 mm
Color Fastness	7 - 8 (ISO 105-B02)
Fire Classifications:	NFPA 701 NFP 92503 Specification M1 BS 5867 Part 2 Type B
Anti-Microbial Properties:	ASTM-E2149-01
Certifications:	GreenGuard Childran & Schools Confidence in Textiles Oko-Tex Standard 100 ISO 14001/ISO 9001
Environmental Benefits:	Formaldehyde Free
Care & Cleaning:	Fabric is anti-static and therefore dust repellent. For regular maintenance, use a soft feather duster or vacuum-clean with a soft brush on a low setting.

For complete technical information, current test results, performance specifications and larger samples, contact the Insolroll, Inc.

Fenestration Properties: Fabrics installed internally, (Solar Optical Properties) Zero-degree profile		Definition of terms:	
Solar Screen Colors		Ts = Solar Transmittance	Energy that is allowed to pass through
Colors	Ts RS AS TV SHGC*	Rs = Solar Reflectance	Energy that is reflected away
White	6 77 17 6 0.14	As = Solar Absorptance	Energy that is absorbed by the fabric
Light Grey	5 77 18 5 0.13	Tv = Visible Light Transmission	Percentage of visible light that comes into the room
Beige	6 77 17 5 0.13	OF = Openness Factor	Percentage of fabric that is open (between the threads)
Bronze	4 78 18 4 0.13	SHGC = Solar Heat Gain Coefficient	The percentage of incident solar radiation that is transmitted as heat to the interior through the glass and shading system*.
Dark Grey	4 76 20 4 0.13	CL = Clear Glass	
Black	4 76 20 4 0.14		
		*Glass tested: 1/4" Heat Absorbing. SHGC was calculated by multiplying SC (Shading Coefficient provided by mill) by 0.87.	
		The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker Colors provide maximum glare reduction and visibility.	