Aurora Solar Screen Fabric

Product Specifications

Benefits: Aurora fabric consists of vinyl-coated polyester yarns woven in a 2 x 2 basketweave configuration. It is a value-priced fabric that provides excellent view-through visibility.

Specifications:			
Category	Solar Screen Fabric	**Composition**	27% Polyester, 73% Vinyl
Openness Factor	3% & 5%	**Thickness**	0.029" (0.75 mm) ±5%
UV Blockage	Approximately 95-97%	**Weight**	16.07 oz/yd2 (545 g/m2) ±5%
Weave style	2 x 2 Basketweave	**Width**	118" (300 cm) ±50 mm)

Fire Classifications:	NFPA 701 California U.S. Title 19
Anti-Microbial Properties:	ASTM-G21, ASTM-G22
Certifications:	GreenGuard Gold Confidence in Textiles Oko-Tex Standard 100
Environmental Benefits:	Lead Free
Care & Cleaning:	Remove dust with a vacuum cleaner or compressed air. Clean with a sponge and warm soapy water using mild detergent. Rinse with clean water. Do not scrub. Do not use solvents or abrisives that could harm the coating of the fabric. Leave the blind down until completely dry. You may also very gently rub the fabric with a clean white pencil eraser to remove small stains.

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

Fenestration Properties: (Solar Optical Properties) Fabrics installed internally, Zero-degree profile

3% open colors					
Color	**Ts**	**RS**	**AS**	**TV**	**SHGC***
White/Bone	11	58	31	8	0.28
Bone	11	52	37	6	0.3
White/Grey	7	46	47	5	0.31
Grey/Bone	7	39	54	4	0.33
Charcoal/Bronze	3	7	90	2	0.42
Charcoal	3	5	92	2	0.42
5% open colors					
White/Bone	14	58	28	9	0.3
Bone	14	51	35	11	0.32
White/Grey	10	45	45	8	0.33
Grey/Bone	10	39	51	8	0.35
Charcoal/Bronze	6	7	87	6	0.44
Charcoal	6	5	89	6	0.44

Definition of terms:

Ts= Solar Transmittance	Energy that is allowed to pass through
Rs= Solar Reflectance	Energy that is reflected away
As= Solar Absorptance	Energy that is absorbed by the fabric
Tv= Visible Light Transmission	Percentage of visible light that comes into the room
OF= Openness Factor	Percentage of fabric that is open (between the threads)
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*
CL= Clear Glass	

*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 coefficieint. 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.

Insolroll Window Shading Systems | 637 S. Pierce Ave. | Louisville, CO | 80027
tel 303.665.1207 | www.insolroll.com