



Nocturne Blackout Fabric

Product Specifications

Benefits: Nocturne blackout fabric has a unique, PVC-free composition, and is an opaque polyester blackout fabric in a classic range of neutral colors. This commercial grade, durable blackout fabric can be dusted with a damp cloth for easy maintenance.

Specifications:			
Category	Blackout Fabric	Composition	100% Polyester with Acrylic Coating
Openness Factor	0%; Opaque	Thickness	0.014" (0.356 mm) ±5%
UV Blockage	100%	Weight	12.14 oz/yd2 (412 g/m2) ±5%
		Width	118" (300 cm)

Fire Classifications:	NFPA 701-2004 TM#1 ASTM E84 Class 1 CAN/ULC-S 109-03 California U.S. Title 19
Anti-Microbial Properties:	ASTM-G21, ASTM-E2180
Certifications:	GreenGuard Gold Melanoma International Foundation Seal of Approval
Acoustic Performance:	Noise Reduction Coefficient: .00, Sound Absorption Average: .03
Environmental Benefits:	PVC-Free USCPSC Section 101 ANSI/WCMA A 100.1-2007 RoHS/Directive 2002/95EC
Care & Cleaning:	May be dusted with a damp cloth. When scrubbing is necessary, warm water, mild detergents, and gentle rubbing are recommended.

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

Fenestration Properties:		Definition of terms:	
(Solar Optical Properties) Fabrics installed internally, Zero-degree profile			
Blackout Colors			
Color	Ts RS AS TV SHGC*	Ts = Solar Transmittance	Energy that is allowed to pass through
Dune	0 68 32 0 0.2	Rs = Solar Reflectance	Energy that is reflected away
Ice	0 68 32 0 0.2	As = Solar Absorptance	Energy that is absorbed by the fabric
Midnight	0 68 32 0 0.2	Tv = Visible Light Transmission	Percentage of visible light that comes into the room
Nimbus	0 68 32 0 0.2	OF = Openness Factor	Percentage of fabric that is open (between the threads)
Midnight x2	4 9 87 0 0.57	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*
Orient x 2	4 13 83 0 0.56	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 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.	