



Simple Whites Sheer Fabrics

Product Specifications

Benefits: Classic sheer fabrics that offer a softened view-through and subtle textures, Insolroll's Simple Whites Sheer Fabrics enhance daytime privacy in residential, commercial, and hospitality applications. For a tailored, finished look alone, partnered with a complimentary fabric in a dual shade, or paired with draperies, these fabrics bring simple elegance to any window.

Ether Specifications:			
Category	Sheer Fabric	Composition	100% PES Polyester
Weight	3.9817 oz/sq yd	Thickness	0.0134"
Width	110"		
Fire Classifications:	NFPA 701 TM#1		
Environmental Benefits:	RoHS - Lead Free, PVC Free, Formaldehyde Free		
Care & Cleaning:	Dust regularly using a soft brush attachment of vacuum cleaner.		

Umbra White Specifications:			
Category	Sheer Fabric	Composition	100% Polyester
Weight	3.2 oz/sq yd	Thickness	0.007"
Width	109"		
Fire Classifications:	NFPA 701		
Environmental Benefits:	RoHS - Lead Free, PVC Free, Formaldehyde Free		
Care & Cleaning:	Dust regularly using a soft brush attachment of vacuum cleaner.		

Air Specifications:			
Category	Sheer Fabric	Composition	100% PES Polyester
Weight	4.218 oz/sq yd	Thickness	0.0138"
Width	118"		
Fire Classifications:	NFPA 701		
Certifications:	Oko-Tex 100		
Environmental Benefits:	Lead Free, PVC Free		
Care & Cleaning:	Dust regularly using a soft brush attachment of vacuum cleaner.		

Nimbus Specifications:			
Category	Sheer Fabric	Composition	100% Polyester
Weight	4.218 oz/sq yd	Thickness	0.0154"
Width	118"		
Fire Classifications:	NFPA 701 TM#1		
Certifications:	Oko-Tex 100		
Environmental Benefits:	Lead Free, PVC Free		
Care & Cleaning:	Clean with warm water with mild soap. Rinse with clean water. Leave blind down until completely dry.		

Cirrus Specifications:			
Category	Sheer Fabric	Composition	100% Polyester
Weight	4.218 oz/sq yd	Thickness	0.0154"
Width	118"		
Fire Classifications:	NFPA 701		
Certifications:	Oko-Tex 100		
Environmental Benefits:	Lead Free, PVC Free		
Care & Cleaning:	Clean with warm water with mild soap. Rinse with clean water. Leave blind down until completely dry.		

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	Definition of terms:
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Sheer Fabric Colors

Colors	Ts	RS	AS	TV	SHGC*
Cirrus	22	72	6	19	0.34
Nimbus	24	65	11	21	0.38

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 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.