

SheerWeave® BASIC

Specifications

■ SheerWeave BASIC is the latest in innovative sun control fabric development. With all the benefits, certifications and technical specifications you have come to expect from SheerWeave but uniquely designed for the demanding and competitive commercial market, SheerWeave BASIC is an ideal choice for your spec-driven projects. A more robust core yarn gives SheerWeave BASIC the added durability high traffic areas and public spaces require. Suitable for all types of interior window shade applications, SheerWeave BASIC is an economical alternative to traditional solar screen fabrics.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S109-03 (large and small scale) and NFPA 701 TM#2 (large scale)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22 AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives

Environmental Certification: GREENGUARD Certified and GREENGUARD for Children and Schools Certified

Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content and REACH (EC 1907/2006) compliant

Standard Uses: Roll-up shades, Roman shades, folding shades, pleated shades, vertical blinds, panel tracks, sheers and screens

Warranty: 10-year interior; 5-year exterior

TrackLess™: TrackLess Technology minimizes the fiberglass yarns' inherent tendencies to track when being rolled up in a shade. With TrackLess Technology, these same fabrics now track less, roll up straighter and reduce shade fabrication time.



3% Openness

Standard Width: 98" (243.8cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 38% Fiberglass, 62% Vinyl on Fiberglass

Mesh Weight: 16.4 oz/yd² (556 g/m²)

Fabric Thickness: .025 in (0.64mm)

Openness Factor: Approximately 3%

UV Blockage: Approximately 97%

Solar Heat Control Properties of Phifer SheerWeave BASIC 3% Openness Fabrics Installed Internally, Zero-Degree Profile Angle

Style No. Color	*Solar Optical Properties				Shading Coefficient w/					
	TS	RS	AS	TV	Single			Insulating		
	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA				
P02 White	15	64	21	16	0.32	0.33	0.32	0.31	0.31	0.25
P04 White/Bone	12	58	30	11	0.37	0.37	0.34	0.35	0.35	0.27
P05 White/Platinum	8	50	42	8	0.41	0.41	0.36	0.39	0.38	0.29
V21 Charcoal	1	4	95	2	0.73	0.69	0.50	0.69	0.62	0.42
V22 Charcoal/Gray	1	8	91	2	0.70	0.66	0.49	0.66	0.60	0.41

5% Openness

Standard Width: 98" (243.8cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 38% Fiberglass, 62% Vinyl on Fiberglass

Mesh Weight: 14.1 oz/yd² (478 g/m²)

Fabric Thickness: .022 in (0.56mm)

Openness Factor: Approximately 5%

UV Blockage: Approximately 95%

Solar Heat Control Properties of Phifer SheerWeave BASIC 5% Openness Fabrics Installed Internally, Zero-Degree Profile Angle

Style No. Color	*Solar Optical Properties				Shading Coefficient w/					
	TS	RS	AS	TV	Single			Insulating		
	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA				
P02 White	19	68	13	17	0.33	0.33	0.32	0.31	0.31	0.25
P04 White/Bone	16	60	24	14	0.38	0.37	0.34	0.35	0.35	0.27
P05 White/Platinum	11	53	36	11	0.41	0.41	0.36	0.39	0.38	0.29
V21 Charcoal	6	4	90	6	0.74	0.70	0.51	0.70	0.83	0.43
V22 Charcoal/Gray	7	9	84	7	0.70	0.67	0.49	0.66	0.80	0.41

* Performance evaluations conducted by Matrix, Inc., Mesa, Arizona.

TS = Solar Transmittance RS = Solar Reflectance
 AS = Solar Absorbance TV = Visual Transmittance
 1/8 CL = 1/8" Clear Glass 1/4 CL = 1/4" Clear Glass
 1/4 HA = 1/4" Heat Absorbing Glass
 1/2 CL = 1/2" Insulating Clear Glass
 1 CL = 1" Insulating Clear Glass
 1 HA = 1" Insulating Heat Absorbing Glass

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. For complete technical information, current test results, performance specifications and larger samples, contact our Sun Control Marketing Department.



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