

SheerWeave® Style 4550/4650

Specifications

■ Using thin polyester yarns and a unique twill weave, Styles 4550 and 4650 are easy to fabricate and offer a distinct two-sided appearance that maximizes both visibility and solar heat reduction. Style 4550/4650 can also be used in exterior roller shades.

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, NFPA 701 TM#2 Large Scale, ASTM E 84 (Class 1) and CAN/ULC-S109-03 (large and small 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, vertical blinds, panel tracks and screens

Warranty: 10-year interior; 5-year exterior



Style 4550

Standard Widths: 63" and 98" (160.0cm and 248.9cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 17% Polyester, 83% Vinyl on Polyester

Mesh Weight: 12.5 oz/yd² (423.83 g/m²)

Fabric Thickness: .025 in (0.64mm)

Openness Factor: Approximately 5%

UV Blockage: Approximately 95%

Solar Heat Control Properties of Phifer SheerWeave Style 4550 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	1CL	1HA				
P10	Granite	7	56	37	8	0.38	0.38	0.34	0.36	0.28
P65	Linen	9	59	32	10	0.36	0.36	0.33	0.34	0.27
V45	Coal	8	48	44	9	0.44	0.43	0.37	0.40	0.30
V47	Chestnut	9	48	43	11	0.44	0.43	0.37	0.40	0.30

Style 4650

Standard Widths: 63" and 98" (160.0cm and 248.9cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 17% Polyester, 83% Vinyl on Polyester

Mesh Weight: 13.3 oz/yd² (450.96 g/m²)

Fabric Thickness: .026 in (0.66mm)

Openness Factor: Approximately 3%

UV Blockage: Approximately 97%

Solar Heat Control Properties of Phifer SheerWeave Style 4650 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	1CL	1HA				
P10	Granite	6	55	39	8	0.39	0.38	0.34	0.36	0.28
P65	Linen	7	58	35	8	0.37	0.37	0.33	0.35	0.27
V45	Coal	5	47	48	7	0.44	0.43	0.37	0.40	0.30
V47	Chestnut	7	48	45	8	0.44	0.43	0.37	0.40	0.30

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

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



P. O. BOX 1700 • TUSCALOOSA, ALABAMA 35403-1700 U.S.A.
PHONE: 205/345-2120 • TOLL FREE 1/800-221-5497
FAX: 205/391-0799 • www.phifer.com