

# SheerWeave® Style 4500/4600

## Specifications

■ Using advances in polyester yarn development, Styles 4500 and 4600 are thinner and lighter weight than traditional polyester yarn fabrics, allowing for ease of fabrication. Both styles are full basketweaves, making them ideal for applications that require a more opaque and non-directional fabric. Style 4500/4600 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 D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives

**Environmental Certification:** GREENGUARD Certified, GREENGUARD for Children and Schools Certified, GREENGUARD Select Certified for Commercial, Healthcare and Education

**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



Microban® antimicrobial protection inhibits the growth of stain-causing bacteria, mold and mildew on the shade.



## Style 4500

**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:** 14.4 oz/yd<sup>2</sup> (488.25 g/m<sup>2</sup>)

**Fabric Thickness:** .024 in (0.61mm)

**Openness Factor:** Approximately 5%

**UV Blockage:** Approximately 95%

Solar Heat Control Properties of Phifer SheerWeave Style 4500 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
PO6	Chalk	12	74	14	11	0.26	0.27	0.29	0.27	0.22
P10	Granite	6	47	47	8	0.44	0.43	0.37	0.41	0.30
Q59	Ecru	9	56	35	9	0.39	0.38	0.34	0.38	0.28
Q60	Golden Sand	7	37	56	8	0.52	0.50	0.40	0.46	0.33
U32	Linen	11	63	26	12	0.34	0.34	0.32	0.33	0.26
V07	Pewter	6	30	64	9	0.56	0.54	0.43	0.50	0.35
V10	Ebony	5	3	92	7	0.74	0.70	0.51	0.63	0.43
V44	Sandstone	8	40	52	9	0.50	0.48	0.40	0.45	0.33
V95	Cappuccino	6	18	76	9	0.64	0.61	0.47	0.56	0.39
V96	Dark Bronze	7	5	88	10	0.73	0.70	0.51	0.63	0.43

## Style 4600

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

**Standard Roll Length:** 30 Linear Yards (27.4m)

**Composition:** 22% Polyester, 78% Vinyl on Polyester

**Mesh Weight:** 17.4 oz/yd<sup>2</sup> (589.97 g/m<sup>2</sup>)

**Fabric Thickness:** .030 in (0.76mm)

**Openness Factor:** Approximately 3%

**UV Blockage:** Approximately 97%

Solar Heat Control Properties of Phifer SheerWeave Style 4600 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
PO6	Chalk	10	74	16	9	0.26	0.27	0.28	0.26	0.22
P10	Granite	5	43	52	7	0.47	0.46	0.38	0.43	0.31
Q59	Ecru	7	58	35	8	0.37	0.37	0.33	0.34	0.27
Q60	Golden Sand	6	37	57	7	0.51	0.50	0.40	0.46	0.33
U32	Linen	8	64	28	8	0.33	0.33	0.31	0.32	0.25
V07	Pewter	5	31	64	7	0.55	0.53	0.42	0.49	0.35
V10	Ebony	3	3	94	5	0.74	0.70	0.51	0.61	0.43
V44	Sandstone	5	39	56	6	0.50	0.48	0.40	0.45	0.33
V95	Cappuccino	4	20	76	6	0.63	0.60	0.46	0.55	0.38
V96	Dark Bronze	4	5	91	7	0.73	0.69	0.50	0.62	0.42



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\* 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

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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.