

SheerWeave® Style 4000/4100/4400

Specifications

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-1999 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), British Standard 5867, NFPA 701 TM#2 Large Scale and CAN/ULC S109-M-87
Bacteria and Fungal Resistance: ASTM-G21 and ASTM-G22.

Style 4000

■ Made from vinyl-coated polyester yarns, Style 4000 is designed with today's demanding commercial market in mind.

Standard Colors: Chalk, Alabaster, Pebblestone, Greystone, Pewter, Granite, Ash, Ebony and Tobacco

Standard Widths: 3.5", 63", 84" and 98" (8.89cm, 160cm, 213.4cm and 248.9cm)

Standard Roll Length: 30 Linear Yards (27.4M)

Composition: 25% Polyester, 75% Vinyl on Polyester

Mesh/in: 36 Warp, 30 Fill

Mesh Weight: 19.2 oz./yd² (651 gr/m²)

Yarn Diameter (in.): .020

Fabric Thickness: .036 in. (0.91mm)

Openness Factor: Approximately 5%

Breaking Strength (lb.): 315 Warp, 260 Fill

Stiffness (Mg.): 600 Warp, 400 Fill

Stretch: 1.0% Warp, 7.0% Fill

UV Blockage: Approximately 95%

Solar Heat Control Properties of Phifer SheerWeave Style 4000 Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	*Solar Optical Properties				Shading Coefficient w/ Insulating			
		TS	RS	AS	TV	1/4CL	1/4HA	1CL	1HA
P06	Chalk	16	68	16	12	0.32	0.31	0.31	0.25
P07	Alabaster	15	57	28	13	0.39	0.35	0.36	0.28
P10	Granite	11	41	48	10	0.48	0.40	0.29	0.23
Q12	Pebblestone	14	49	37	12	0.44	0.37	0.41	0.30
Q15	Greystone	10	34	56	9	0.52	0.42	0.32	0.24
Q16	Tobacco	7	5	88	8	0.70	0.51	0.44	0.31
V07	Pewter	8	27	65	9	0.56	0.44	0.51	0.36
V10	Ebony	6	5	89	8	0.69	0.51	0.63	0.43
V15	Ash	7	11	82	8	0.66	0.49	0.41	0.30

Style 4100

■ Similar in design to Style 4000, Style 4100 has a slightly more open weave to provide increased outward visibility.

Standard Colors: Chalk, Alabaster, Pebblestone, Greystone, Pewter, Granite, Ash, Ebony and Tobacco

Standard Widths: 3.5", 63", 84" and 98" (8.89cm, 160cm, 213.4cm and 248.9cm)

Standard Roll Length: 30 Linear Yards (27.4M)

Composition: 25% Polyester, 75% Vinyl on Polyester

Mesh/in: 36 Warp, 25 Fill

Mesh Weight: 17.5 oz./yd² (593 gr/m²)

Yarn Diameter (in.): .020

Fabric Thickness: .035 in. (0.89mm)

Openness Factor: Approximately 10%

Breaking Strength (lb.): 315 Warp, 230 Fill

Stiffness (Mg.): 600 Warp, 350 Fill

Stretch: 1.0% Warp, 8.0% Fill

UV Blockage: Approximately 90%

Solar Heat Control Properties of Phifer SheerWeave Style 4100 Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	*Solar Optical Properties				Shading Coefficient w/ Insulating			
		TS	RS	AS	TV	1/4CL	1/4HA	1CL	1HA
P06	Chalk	18	66	16	15	0.34	0.32	0.32	0.25
P07	Alabaster	19	56	25	16	0.41	0.36	0.38	0.29
P10	Granite	15	42	43	14	0.49	0.40	0.29	0.23
Q12	Pebblestone	16	48	36	15	0.45	0.38	0.41	0.31
Q15	Greystone	14	35	51	14	0.53	0.42	0.48	0.34
Q16	Tobacco	10	5	85	11	0.70	0.51	0.45	0.32
V07	Pewter	12	26	62	14	0.58	0.45	0.53	0.37
V10	Ebony	10	4	86	11	0.71	0.52	0.64	0.43
V15	Ash	10	10	80	11	0.67	0.50	0.42	0.31

Style 4400

■ Designed with a 3% openness factor, Style 4400 offers maximum UV blockage while maintaining good outward visibility.

Standard Colors: Chalk, Alabaster, Pebblestone, Greystone, Pewter, Granite, Ash, Ebony and Tobacco

Standard Widths: 3.5", 63", 84" and 98" (8.89cm, 160cm, 213.4cm and 248.9cm)

Standard Roll Length: 30 Linear Yards (27.4M)

Composition: 25% Polyester, 75% Vinyl on Polyester

Mesh/in: 42 Warp, 30 Fill

Mesh Weight: 20.7 oz./yd² (702 gr/m²)

Yarn Diameter (in.): .020

Fabric Thickness: .037 in. (0.94mm)

Openness Factor: Approximately 3%

Breaking Strength (lb.): 340 Warp, 250 Fill

Stiffness (Mg.): 650 Warp, 450 Fill

Stretch: 1.5% Warp, 4.0% Fill

UV Blockage: Approximately 97%

Solar Heat Control Properties of Phifer SheerWeave Style 4400 Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	*Solar Optical Properties				Shading Coefficient w/ Insulating			
		TS	RS	AS	TV	1/4CL	1/4HA	1CL	1HA
P06	Chalk	12	70	18	7	0.30	0.30	0.16	0.15
P07	Alabaster	10	62	28	6	0.35	0.32	0.19	0.17
P10	Granite	6	48	46	5	0.43	0.37	0.25	0.20
Q12	Pebblestone	9	51	40	6	0.42	0.36	0.38	0.28
Q15	Greystone	6	39	55	5	0.48	0.40	0.44	0.32
Q16	Tobacco	3	5	92	3	0.69	0.50	0.62	0.42
V07	Pewter	3	26	71	2	0.56	0.44	0.34	0.25
V10	Ebony	3	3	94	3	0.70	0.51	0.63	0.43
V15	Ash	3	10	87	4	0.66	0.49	0.60	0.41

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

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

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