

SheerWeave® Style 2390/2360/2410/2500

Specifications

Manufactured with ease of fabrication in mind, Styles 2390, 2360, 2410 and 2500 are full basketweaves designed expressly for those applications which require a more opaque and nondirectional fabric. All four styles are also available in 3-1/2" widths for vertical blind applications.

Fire Classification: M1 (Style 2390), 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 and NFPA 701 TM#2 Large Scale.

Bacteria and Fungal Resistance: ASTM E 2180

Indoor Air Quality: GREENGUARD Certified and GREENGUARD for Children and Schools Certified



Style 2390

Standard Colors: Oyster, Oyster/Beige, Oyster/Pearl Gray, Beige, Beige/Pearl Gray, Pearl Gray, Charcoal, Charcoal/Gray and Charcoal/Chestnut.

Standard Widths: 3-1/2", 63" and 98" (8.89cm, 160.0cm and 248.9cm); 126" (320cm) in P12, P13, P14, Q20, V22 and V24. Call for availability.

Standard Roll Length: 30 Linear Yards (27.4M)

Packaging for Vertical Blind Fabric: 5 individually wrapped rolls per carton.

Composition: 35% Fiberglass, 65% Vinyl on Fiberglass

Mesh Weight: 11.9 oz./yd² (403 gr/m²)

Fabric Thickness: .017 in. (0.43mm)

Openness Factor: Approximately 5%

UV Blockage: Approximately 95%

Breaking Strength (lb.): 250 Warp, 235 Fill

Stiffness (Mg.): 190 Warp, 220 Fill

Style 2360

Standard Colors: Oyster, Oyster/Beige, Oyster/Pearl Gray, Beige, Beige/Pearl Gray, Pearl Gray, Charcoal, Charcoal/Gray and Charcoal/Chestnut.

Standard Widths: 3-1/2", 63" and 98" (8.89cm, 160.0cm and 248.9cm)

Standard Roll Length: 30 Linear Yards (27.4M)

Packaging for Vertical Blind Fabric: 5 individually wrapped rolls per carton.

Composition: 35% Fiberglass, 65% Vinyl on Fiberglass

Mesh Weight: 10.5 oz./yd² (356 gr/m²)

Fabric Thickness: .017 in. (0.43mm)

Openness Factor: Approximately 10%

UV Blockage: Approximately 90%

Breaking Strength (lb.): 255 Warp, 180 Fill

Stiffness (Mg.): 225 Warp, 200 Fill

Style 2410

Standard Colors: Oyster, Oyster/Beige, Oyster/Pearl Gray, Beige, Beige/Pearl Gray, Pearl Gray, Charcoal, Charcoal/Gray and Charcoal/Chestnut.

Standard Widths: 3-1/2", 63" and 98" (8.89cm, 160.0cm and 248.9cm); 126" (320cm) in P12, P13, P14, Q20, V22 and V24. Call for availability.

Standard Roll Length: 30 Linear Yards (27.4M)

Packaging for Vertical Blind Fabric: 5 individually wrapped rolls per carton.

Composition: 35% Fiberglass, 65% Vinyl on Fiberglass

Mesh Weight: 13.9 oz./yd² (471 gr/m²)

Fabric Thickness: .019 (0.48mm)

Openness Factor: Approximately 3%

UV Blockage: Approximately 97%

Breaking Strength (lb.): 255 Warp, 325 Fill

Stiffness (Mg.): 212 Warp, 233 Fill

Style 2500

Standard Colors: Oyster, Oyster/Beige, Oyster/Pearl Gray, Beige, Beige/Pearl Gray, Pearl Gray, Charcoal, Charcoal/Gray and Charcoal/Chestnut.

Standard Widths: 3-1/2", 63" and 98" (8.89cm, 160.0cm and 248.9cm)

Standard Roll Length: 30 Linear Yards (27.4M)

Packaging for Vertical Blind Fabric: 5 individually wrapped rolls per carton.

Composition: 37% Fiberglass, 63% Vinyl on Fiberglass

Mesh Weight: 16.1 oz./yd² (546 gr/m²)

Fabric Thickness: .024 in. (0.61mm)

Openness Factor: Approximately 1%

UV Blockage: Approximately 99%

Breaking Strength (lb.): 380 Warp, 338 Fill

Stiffness (Mg.): 249 Warp, 224 Fill

Solar Heat Control Properties of Phifer SheerWeave Style 2390 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				
P12	Oyster	21	61	18	14	0.38	0.38	0.34	0.36	0.35	0.27
P13	Oyster/Beige	17	54	29	12	0.42	0.41	0.36	0.39	0.38	0.29
P14	Oyster/Pearl Gray	14	45	41	10	0.48	0.46	0.39	0.45	0.43	0.32
Q20	Beige	14	47	39	10	0.46	0.45	0.38	0.43	0.42	0.31
Q21	Beige/Pearl Gray	11	38	51	9	0.52	0.50	0.41	0.49	0.46	0.33
V20	Pearl Gray	10	31	59	9	0.57	0.54	0.43	0.53	0.50	0.35
V21	Charcoal	4	4	92	5	0.73	0.69	0.51	0.69	0.63	0.43
V22	Charcoal/Gray	5	9	86	6	0.70	0.67	0.49	0.66	0.60	0.41
V24	Charcoal/Chestnut	6	6	88	6	0.73	0.69	0.50	0.68	0.62	0.42

Solar Heat Control Properties of Phifer SheerWeave Style 2360 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				
P12	Oyster	27	57	16	21	0.43	0.42	0.36	0.39	0.38	0.29
P13	Oyster/Beige	24	51	25	19	0.46	0.45	0.38	0.43	0.41	0.31
P14	Oyster/Pearl Gray	20	45	35	16	0.49	0.48	0.40	0.46	0.44	0.32
Q20	Beige	19	44	37	16	0.50	0.48	0.40	0.46	0.44	0.32
Q21	Beige/Pearl Gray	17	39	44	15	0.53	0.51	0.41	0.49	0.46	0.34
V20	Pearl Gray	16	30	54	14	0.59	0.56	0.44	0.55	0.51	0.36
V21	Charcoal	10	4	86	11	0.75	0.71	0.52	0.70	0.64	0.43
V22	Charcoal/Gray	12	8	80	14	0.73	0.69	0.51	0.68	0.62	0.42
V24	Charcoal/Chestnut	11	5	84	12	0.74	0.70	0.51	0.69	0.63	0.43

Solar Heat Control Properties of Phifer SheerWeave Style 2410 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				
P12	Oyster	17	64	19	12	0.35	0.35	0.33	0.33	0.33	0.26
P13	Oyster/Beige	11	55	34	8	0.40	0.39	0.35	0.38	0.37	0.28
P14	Oyster/Pearl Gray	9	44	47	7	0.47	0.46	0.38	0.44	0.43	0.31
Q20	Beige	10	48	42	7	0.45	0.44	0.37	0.42	0.41	0.30
Q21	Beige/Pearl Gray	7	39	54	5	0.50	0.49	0.40	0.47	0.45	0.33
V20	Pearl Gray	6	31	63	5	0.56	0.53	0.42	0.52	0.49	0.35
V21	Charcoal	3	3	94	3	0.74	0.70	0.51	0.69	0.63	0.43
V22	Charcoal/Gray	3	9	88	3	0.70	0.66	0.49	0.65	0.60	0.41
V24	Charcoal/Chestnut	3	6	91	3	0.72	0.68	0.50	0.67	0.62	0.42

Solar Heat Control Properties of Phifer SheerWeave Style 2500 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				
P12	Oyster	15	68	17	13	0.31	0.32	0.31	0.30	0.30	0.25
P13	Oyster/Beige	10	60	30	9	0.36	0.36	0.33	0.34	0.34	0.27
P14	Oyster/Pearl Gray	7	50	43	6	0.43	0.42	0.36	0.40	0.39	0.29
Q20	Beige	7	50	43	6	0.43	0.42	0.36	0.40	0.39	0.29
Q21	Beige/Pearl Gray	5	42	53	5	0.48	0.46	0.39	0.45	0.43	0.32
V20	Pearl Gray	3	32	65	3	0.54	0.52	0.42	0.52	0.48	0.34
V21	Charcoal	1	4	95	1	0.73	0.69	0.50	0.69	0.62	0.42
V22	Charcoal/Gray	2	8	90	3	0.70	0.67	0.49	0.67	0.60	0.41
V24	Charcoal/Chestnut	1	6	93	1	0.71	0.68	0.50	0.68	0.61	0.42

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

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

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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