SheerWeave® Style 3000

Specifications

Style 3000 is made with an open weave that lets in natural light while filtering out the sun's heat.
Standard Colors: Spanish Grey, Pearl White, Mushroom Sand, Custard Cream, Chocolate, Sand Dollar, Espresso, Honey Sage, Dusty Grey, Pale Grey, Ninja Grey, Mossy Green and Harvest Wheat.
Standard Widths: 72" and 96" (182.9cm and 243.8cm)
Standard Roll Length: 30 Linear yards (27.4M)
Composition: 35% Fiberglass, 65% Vinyl on Fiberglass. 31% Polyester, 69% Vinyl on Polyester.
Fire Classification: NFPA 701-1999 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), and NFPA 701 TM#2 Large Scale.
Bacteria and Fungal Resistance: ASTM-G21 and ASTM-G22.

Mesh Weight: 13.46 oz./yd^2 (456 gr/m^2)
Fabric Thickness: .028 in. (0.71mm)
Openness Factor: Approximately 14%
UV Blockage: Approximately 86%

Breaking Strength (lb.): 250 Warp, 262 Fill
Stiffness (Mg.): 291 Warp, 318 Fill
Stretch: .7% Warp, .8% Fill

Solar Heat Control Properties of Phifer SheerWeave Style 3000
Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	* Solar Optical Properties TS	RS	AS	TV	Shading Coefficient w/ Single 1/8CL	1/4CL	1/4HA	Insulating 1/2CL	1CL	1HA
P00	Spanish Grey	16	25	59	17	0.62	0.59	0.46	0.58	0.54	0.38
P01	Pearl White	24	62	14	21	0.38	0.38	0.34	0.35	0.35	0.27
Q01	Mushroom Sand	22	45	33	21	0.50	0.48	0.40	0.46	0.44	0.32
Q02	Custard Cream	23	53	24	22	0.44	0.43	0.37	0.41	0.40	0.30
Q04	Chocolate	13	4	83	15	0.76	0.72	0.52	0.70	0.64	0.44
Q17	Sand Dollar	17	46	37	15	0.48	0.47	0.39	0.45	0.43	0.31
Q18	Espresso	15	9	76	16	0.73	0.69	0.51	0.67	0.62	0.42
Q19	Honey Sage	16	31	53	16	0.58	0.56	0.44	0.54	0.51	0.36
V00	Dusty Grey	16	18	66	17	0.67	0.64	0.48	0.62	0.57	0.40
V01	Pale Grey	19	40	41	19	0.53	0.51	0.41	0.49	0.46	0.33
V02	Ninja Grey	12	8	80	14	0.73	0.69	0.51	0.68	0.62	0.42
V18	Mossy Green	13	19	68	14	0.66	0.62	0.47	0.61	0.56	0.39
V19	Harvest Wheat	15	18	67	17	0.67	0.64	0.48	0.62	0.57	0.40

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

TS = Solar Transmittance
RS = Solar Reflectance
AS = Solar Absorptance
TV = Visual Transmittance

1/8 CL = 1/8" Clear Glass
1/4 CL = 1/4" Clear Glass
1/4HA = 1/4" Heat Absorbing Glass
1/2 CL = 1/2" Insulating Clear Glass
1 CL = 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.

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