

Fabric Specification: SheerWeave 4000

SheerWeave 4000

Openness Factor: $\pm 5\%$
 UV Blockage: $\pm 95\%$
 Standard Roll Widths: 63", 84", 98", & 126" (126" wide goods are only available in certain colors)
 Composition: 25% Polyester / 75% Vinyl
 Mesh/Inch: 36 Warp / 30 Fill
 Mesh Weight: 19.20 oz./yd²
 Yarn Diameter (inch): 0.020 Warp / 0.020 Fill
 Fabric Thickness (inch): 0.036
 Breaking Strength (lbs): 315 Warp / 260 Fill
 Stiffness (Mg): 600 Warp / 400 Fill
 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), CAN/ULC S 109-M-87
 Bacteria & Fungal Resistance: ASTM-G21, ASTM-G22

Style #	Color	TS	Solar Optical Properties			Shading Coefficient with			
			RS	AS	TV	-----Single-----		-----Insulating-----	
						1/4 CL	1/4 HA	1 CL	1 HA
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

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

TS = Solar Transmittance

1/4 CL = 1/4" Clear Glass

RS = Solar Reflectance

1/4 HA = 1/4" Heat Absorbing Glass

AS = Solar Absorptance

1 CL = 1" Insulating Clear Glass

TV = Visual Transmittance

1 HA = 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.