

## Specifications

■ SheerWeave Infinity™ sustainable window treatment fabric is an eco-friendly full basketweave. Emulating the look and engineering of standard SheerWeave® fabrics, Infinity's core yarn and coating are PVC-free, lead-free and 100% recyclable.

**Fire Classification:** NFPA 701-2004 TM#1 (small scale)

**Bacteria and Fungal Resistance:** ASTM E 2180 and ASTM G 22

**Environmental Certification:** GREENGUARD Certified and GREENGUARD for Children and Schools Certified

**Lead Free:** RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content



## 3% Openness

**Standard Colors:** Cotton, Almond, Wheat, Stone, Barley, Nickel, Midnight, Bark and Slate.

**Standard Widths:** 63", 84" and 98"  
(160.0cm, 213.4cm and 248.9cm)

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

**Composition:** 100% TPO (Thermoplastic Olefin), 30% TPO fiber yarn/70% TPO coating on TPO yarn

**Mesh Weight:** 18.0 oz/yd<sup>2</sup> (610 g/m<sup>2</sup>)

**Fabric Thickness:** .043 in (1.09mm)

**Openness Factor:** Approximately 3%

**UV Blockage:** Approximately 97%

**Breaking Strength (lb):** 176 Warp, 153 Fill

**Stiffness (mg):** 584 Warp, 695 Fill

Solar Heat Control Properties of  
Phifer SheerWeave Infinity 3% Openness  
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					
PG1	Cotton	19	67	14	16	0.33	0.34	0.32	0.31	0.32	0.25	
PG2	Almond	16	60	24	13	0.38	0.37	0.34	0.35	0.35	0.27	
PG3	Wheat	11	52	37	9	0.42	0.41	0.36	0.40	0.39	0.29	
PG4	Stone	11	53	36	8	0.41	0.41	0.36	0.39	0.38	0.29	
QG1	Barley	13	52	35	10	0.43	0.42	0.36	0.40	0.39	0.29	
VG1	Nickel	11	33	56	11	0.55	0.53	0.42	0.52	0.49	0.35	
VG2	Midnight	1	5	94	2	0.72	0.68	0.50	0.68	0.62	0.42	
VG3	Bark	1	6	93	2	0.71	0.68	0.50	0.68	0.61	0.42	
VG4	Slate	2	9	89	3	0.70	0.66	0.49	0.66	0.60	0.41	

## 5% Openness

**Standard Colors:** Cotton, Almond, Wheat, Stone, Barley, Nickel, Midnight, Bark and Slate.

**Standard Widths:** 63", 84" and 98"  
(160.0cm, 213.4cm and 248.9cm)

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

**Composition:** 100% TPO (Thermoplastic Olefin), 30% TPO fiber yarn/70% TPO coating on TPO yarn

**Mesh Weight:** 15.3 oz/yd<sup>2</sup> (519 g/m<sup>2</sup>)

**Fabric Thickness:** .043 in (1.09mm)

**Openness Factor:** Approximately 5%

**UV Blockage:** Approximately 95%

**Breaking Strength (lb):** 173 Warp, 130 Fill

**Stiffness (mg):** 964 Warp, 635 Fill

Solar Heat Control Properties of  
Phifer SheerWeave Infinity 5% Openness  
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					
PG1	Cotton	26	63	11	23	0.38	0.38	0.34	0.35	0.35	0.27	
PG2	Almond	22	58	20	20	0.41	0.40	0.35	0.38	0.37	0.28	
PG3	Wheat	15	55	30	14	0.41	0.40	0.35	0.38	0.38	0.29	
PG4	Stone	16	53	31	16	0.43	0.42	0.36	0.40	0.39	0.29	
QG1	Barley	18	51	31	15	0.45	0.44	0.37	0.42	0.40	0.30	
VG1	Nickel	7	35	58	6	0.53	0.51	0.41	0.50	0.47	0.34	
VG2	Midnight	3	6	91	4	0.72	0.68	0.50	0.68	0.62	0.42	
VG3	Bark	3	5	92	5	0.72	0.69	0.50	0.69	0.62	0.42	
VG4	Slate	4	8	88	5	0.71	0.67	0.50	0.67	0.61	0.42	

\* 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

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.