

# SheerWeave Infinity2™

## Specifications

■ SheerWeave Infinity2™ 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:** ASTM E-84 (Class I), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating) and CAN/ULC-S109-03 Large

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

**Environmental Certification:** GREENGUARD Certified, GREENGUARD for Children and Schools Certified, GREENGUARD Select Certified for Commercial, Healthcare and Education

**Lead Free:** RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101, ANSI/WCMA A100.1-2007 for lead content and REACH (EC 1907/2006) compliant

**Standard Uses:** Roll-up shades, panel tracks and screens

**Warranty:** 5-year interior



## 3% Openness

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

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

**Composition:** 100% TPO (Thermoplastic Olefin),  
20% TPO fiber yarn/80% TPO coating on TPO  
yarn

**Mesh Weight:** 13.69 oz/yd<sup>2</sup> (464.17 g/m<sup>2</sup>)

**Fabric Thickness:** .031 in (.787mm)

**Openness Factor:** Approximately 3%

**UV Blockage:** Approximately 97%

Solar Heat Control Properties of  
Phifer SheerWeave Infinity2 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	20	70	10	19	0.31	0.32	0.31	0.29	0.30	0.24	
PG2	Almond	17	61	22	15	0.37	0.37	0.34	0.35	0.35	0.27	
PG3	Wheat	12	52	36	9	0.42	0.42	0.36	0.40	0.39	0.29	
PG4	Stone	12	52	36	11	0.42	0.42	0.36	0.40	0.39	0.29	
QG1	Barley	16	53	31	14	0.43	0.42	0.36	0.40	0.39	0.29	
VG1	Nickel	9	36	55	8	0.53	0.51	0.41	0.50	0.47	0.34	
VG2	Midnight	3	6	91	5	0.72	0.68	0.50	0.68	0.62	0.42	
VG3	Bark	3	7	90	4	0.71	0.67	0.50	0.67	0.61	0.42	
VG4	Slate	3	10	87	5	0.69	0.66	0.49	0.66	0.60	0.41	

## 5% Openness

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

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

**Composition:** 100% TPO (Thermoplastic Olefin),  
20% TPO fiber yarn/80% TPO coating on TPO  
yarn

**Mesh Weight:** 12.82 oz/yd<sup>2</sup> (434.67 g/m<sup>2</sup>)

**Fabric Thickness:** .030 in (.762mm)

**Openness Factor:** Approximately 5%

**UV Blockage:** Approximately 95%

Solar Heat Control Properties of  
Phifer SheerWeave Infinity2 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	23	68	9	22	0.34	0.34	0.32	0.31	0.32	0.25	
PG2	Almond	20	60	20	18	0.39	0.38	0.34	0.36	0.36	0.27	
PG3	Wheat	14	51	35	12	0.44	0.43	0.37	0.41	0.40	0.30	
PG4	Stone	15	52	33	14	0.43	0.42	0.37	0.41	0.39	0.29	
QG1	Barley	19	51	30	17	0.45	0.44	0.37	0.42	0.40	0.30	
VG1	Nickel	10	34	56	11	0.54	0.52	0.42	0.52	0.48	0.34	
VG2	Midnight	5	6	89	8	0.72	0.69	0.50	0.68	0.62	0.42	
VG3	Bark	4	7	89	6	0.71	0.68	0.50	0.68	0.61	0.42	
VG4	Slate	5	9	86	7	0.70	0.67	0.49	0.67	0.60	0.41	

\* 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 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.



P. O. BOX 1700 • TUSCALOOSA, ALABAMA 35403-1700 U.S.A.  
PHONE: 205/345-2120 • TOLL FREE 1/800-221-5497  
FAX: 205/391-0799 • www.phifer.com