



STYLE
2701 / 2703 / 2705 / 2710

WEAVING
EXCELLENCE
WITH
INNOVATION



		SOLAR OPTICAL PROPERTIES				SHGC/G VALUE g-tot (glass & blind)		SOLAR OPTICAL PROPERTIES				SHGC/G VALUE g-tot (glass & blind)	
Code	Color	TS	RS	AS	TV	SINGLE 1/4 CL	INSULATING 1 HA	TS	RS	AS	TV	SINGLE 1/4 CL	INSULATING 1 HA
STYLE 2701 FACE - 1%								STYLE 2701 BACK					
P12	Oyster	19	69	12	19	0.32	0.25	19	70	11	18	0.32	0.24
P13	Oyster/Beige	15	55	30	13	0.40	0.29	15	62	23	12	0.36	0.26
P14	Oyster/Pearl Gray	11	38	51	9	0.50	0.33	10	54	36	9	0.40	0.28
P28	Oyster/Charcoal	6	11	83	6	0.66	0.41	5	42	53	5	0.46	0.32
P91	Oyster/Pewter	6	22	72	5	0.59	0.38	6	48	46	5	0.43	0.30
P92	Oyster/Chestnut	7	16	77	5	0.63	0.39	6	45	49	5	0.44	0.31
V21	Charcoal	3	4	93	3	0.69	0.43	3	4	93	3	0.69	0.43
V22	Charcoal/Gray	3	14	83	3	0.63	0.40	3	6	91	3	0.68	0.42
V64	Charcoal/Slate	4	30	66	4	0.53	0.35	4	10	86	4	0.66	0.41
V65	Charcoal/Taupe	4	25	71	3	0.56	0.36	4	9	87	3	0.67	0.41
V66	Charcoal/Brown	4	17	79	4	0.62	0.39	4	7	89	4	0.68	0.42
STYLE 2703 FACE - 3%								STYLE 2703 BACK					
P12	Oyster	22	66	12	21	0.34	0.26	21	67	12	20	0.34	0.25
P13	Oyster/Beige	21	53	26	19	0.43	0.30	20	60	20	18	0.38	0.28
P14	Oyster/Pearl Gray	15	38	47	13	0.51	0.34	14	54	32	12	0.41	0.29
P28	Oyster/Charcoal	9	12	79	9	0.66	0.41	7	42	51	7	0.47	0.32
P91	Oyster/Pewter	10	22	68	10	0.60	0.38	9	47	44	9	0.44	0.31
P92	Oyster/Chestnut	12	19	69	11	0.62	0.39	11	45	44	9	0.46	0.31
V21	Charcoal	5	4	91	5	0.70	0.43	5	4	91	5	0.70	0.43
V22	Charcoal/Gray	5	13	82	5	0.64	0.40	5	6	89	5	0.68	0.42
V64	Charcoal/Slate	7	27	66	7	0.56	0.36	7	10	83	7	0.67	0.41
V65	Charcoal/Taupe	6	24	70	6	0.58	0.37	6	8	86	6	0.67	0.42
V66	Charcoal/Brown	6	17	77	6	0.62	0.39	6	7	87	6	0.68	0.42
STYLE 2705 FACE - 5%								STYLE 2705 BACK					
P12	Oyster	25	63	12	24	0.37	0.27	26	63	11	25	0.38	0.27
P13	Oyster/Beige	22	54	24	20	0.43	0.30	21	60	19	19	0.38	0.28
P14	Oyster/Pearl Gray	18	39	43	17	0.52	0.34	17	54	29	16	0.42	0.29
P28	Oyster/Charcoal	12	14	74	12	0.65	0.41	11	43	46	11	0.47	0.32
P91	Oyster/Pewter	15	24	61	14	0.60	0.38	13	47	40	13	0.45	0.31
P92	Oyster/Chestnut	11	19	70	10	0.62	0.39	10	46	44	9	0.45	0.31
V21	Charcoal	7	4	89	7	0.70	0.43	7	4	89	7	0.70	0.43
V22	Charcoal/Gray	8	6	86	8	0.69	0.43	8	12	80	8	0.65	0.41
V64	Charcoal/Slate	9	25	66	8	0.58	0.37	9	9	82	8	0.68	0.42
V65	Charcoal/Taupe	9	21	70	8	0.60	0.38	9	8	83	8	0.68	0.42
V66	Charcoal/Brown	9	16	75	8	0.64	0.40	9	7	84	8	0.69	0.42
STYLE 2710 FACE - 10%								STYLE 2710 BACK					
P12	Oyster	31	59	10	30	0.41	0.29	30	59	11	29	0.41	0.29
P13	Oyster/Beige	30	51	19	29	0.47	0.31	30	56	14	28	0.43	0.30
P14	Oyster/Pearl Gray	27	41	32	25	0.45	0.29	25	51	24	23	0.39	0.27
P28	Oyster/Charcoal	19	21	60	18	0.63	0.39	17	45	38	17	0.47	0.32
P91	Oyster/Pewter	22	28	50	21	0.59	0.37	21	47	32	20	0.47	0.32
P92	Oyster/Chestnut	22	25	53	20	0.61	0.38	21	45	34	19	0.48	0.32
V21	Charcoal	15	4	81	15	0.72	0.44	15	3	82	15	0.72	0.44
V22	Charcoal/Gray	15	10	75	14	0.68	0.42	15	5	80	14	0.71	0.43
V64	Charcoal/Slate	15	16	69	15	0.65	0.40	15	7	78	15	0.70	0.43
V65	Charcoal/Taupe	15	17	68	14	0.64	0.40	15	7	78	14	0.70	0.43
V66	Charcoal/Brown	14	12	74	14	0.67	0.41	14	6	80	14	0.71	0.43

TS = Solar Transmittance | RS = Solar Reflectance | AS = Solar Absorptance | TV = Visual Transmittance | SHGC = Solar Heat Gain Coefficient
1/4 CL = 1/4" Clear Glass | 1 HA = 1" Heat Absorbing Glass | Fabrics Installed Internally | Zero-Degree Profile Angle
For additional performance values, test references and technical definitions visit us at phifer.com.

P12 **Oyster**



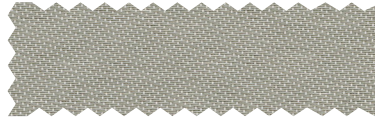
V21 **Charcoal**



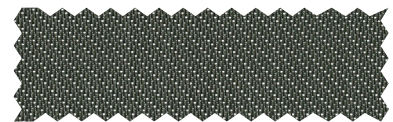
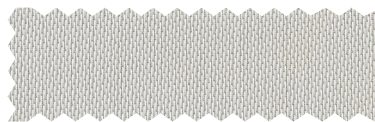
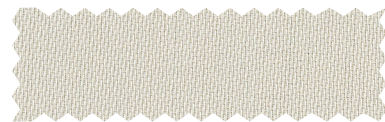
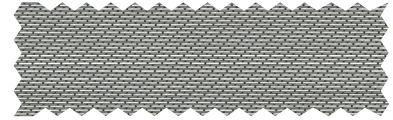
P13 **Oyster / Beige** - face
Oyster / Beige - back



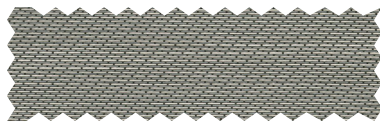
P14 **Oyster / Pearl Gray** - face
Oyster / Pearl Gray - back



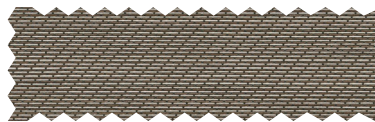
V64 **Charcoal / Slate** - face
Charcoal / Slate - back



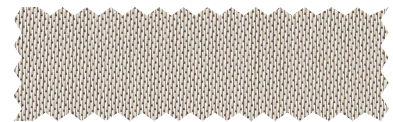
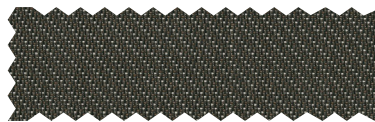
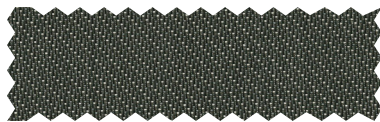
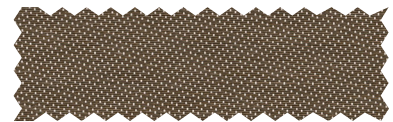
V65 **Charcoal / Taupe** - face
Charcoal / Taupe - back



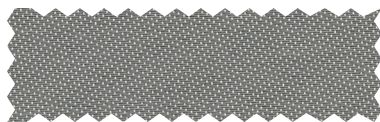
V66 **Charcoal / Brown** - face
Charcoal / Brown - back



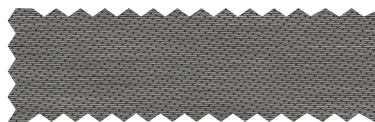
P92 **Oyster / Chestnut** - face
Oyster / Chestnut - back



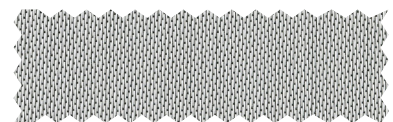
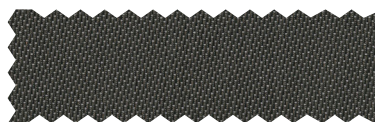
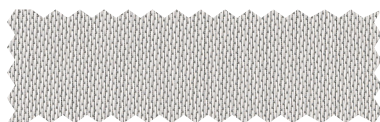
P91 **Oyster / Pewter** - face
Oyster / Pewter - back



V22 **Charcoal / Gray** - face
Charcoal / Gray - back



P28 **Oyster / Charcoal** - face
Oyster / Charcoal - back



PROTECTION THAT LIVES ON
MICROBAN

Microban® antimicrobial protection inhibits the growth of stain-causing bacteria, mold and mildew on the shade.



MIF Seal of Approval



SAFE USE



TRACKLESS TECHNOLOGY



PROUDLY MADE
IN THE USA



HALOGEN FREE
FLAME RETARDANT



GREENGUARD
GOLD



PRINTABLE



ENERGY SAVING



10
YEAR
INTERIOR WARRANTY



5
YEAR
EXTERIOR WARRANTY

STYLE 2701 / 2703 / 2705 / 2710 SPECIFICATIONS

Styles 2701, 2703, 2705 and 2710 are woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Styles 2701, 2703, 2705 and 2710 can also be used in exterior roller shades.

FIRE CLASSIFICATION	NFPA 701 TM#1 (small scale)	BS 5867 Part 2 Type B Performance
	NFPA 701 TM#2 (large scale)	CAN/ULC-S 109 (large and small scale)
	NFPA 101 (Class A Rating)	CAN/CGSB2-4.162-M80
	California U.S. Title 19 (small scale)	IBC Section 803.1.1 (Class A Rating)
	<i>Fire classifications are subject to change. Please go to phifer.com for the most current information.</i>	

BACTERIA AND FUNGAL RESISTANCE	ASTM E 2180	ASTM G21	ASTM G22	AATCC30 Part 3	ASTM D 3273
	GREENGUARD Mold and Bacteria Standard ASTM 6329				
	Includes Microban antimicrobial additives				

ENVIRONMENTAL CERTIFICATION	GREENGUARD	GREENGUARD Gold
	Certified to these standards for low chemical emissions into indoor air during product usage	

SAFE USE	ANSI/WCMA A 100.1-2007 for lead content	US Consumer Product Safety Commission Section 101
	RoHS/Directive 2002/95/EC	REACH (EC 1907/2006) compliant

WARRANTY	10-year interior	5-year exterior
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ACOUSTICAL PERFORMANCE	NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a			
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UV PROTECTION	Seal of Approval by the Melanoma International Foundation (MIF) for effectiveness in preventing sun damage to the skin or eyes			
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TRACKLESS	TrackLess Technology minimizes the fiberglass yarns' inherent tendencies to track when being rolled up in a shade. With TrackLess Technology these same fabrics now track less, roll up straighter and reduce shade fabrication time.			
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STYLE	2701	2703	2705	2710
WIDTHS	63", 98" and 126" 160 cm, 248.9 cm and 320 cm	63", 98" and 126" 160 cm, 248.9 cm and 320 cm	63", 98" and 126" 160 cm, 248.9 cm and 320 cm	63" and 98" 160 cm and 248.9 cm
ROLL LENGTH	30 Linear Yards 27.4 Linear Meters	30 Linear Yards 27.4 Linear Meters	30 Linear Yards 27.4 Linear Meters	30 Linear Yards 27.4 Linear Meters
COMPOSITION	36% Fiberglass 64% Vinyl on Fiberglass	36% Fiberglass 64% Vinyl on Fiberglass	34% Fiberglass 66% Vinyl on Fiberglass	34% Fiberglass 66% Vinyl on Fiberglass
MESH WEIGHT	14.6 oz/yd ² 495 g/m ²	14.0 oz/yd ² 475 g/m ²	11.8 oz/yd ² 379 g/m ²	10.4 oz/yd ² 353 g/m ²
FABRIC THICKNESS	0.027 in 0.66 mm	0.028 in 0.71 mm	0.025 in 0.64 mm	0.023 in 0.58 mm
OPENNESS FACTOR	Approximately 1%	Approximately 3%	Approximately 5%	Approximately 10%
UV BLOCKAGE	Approximately 99%	Approximately 97%	Approximately 95%	Approximately 90%
ACOUSTICAL VALUE	NRC .15 / SAA .15	NRC .10 / SAA .09	NRC .05 / SAA .06	NRC .05 / SAA .05

PHIFER
INCORPORATED

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