



STYLE
4650 / 4550

WEAVING
EXCELLENCE
WITH
INNOVATION



Code	Color	SOLAR OPTICAL PROPERTIES				SHGC/G VALUE	
		TS	RS	AS	TV	<i>SINGLE</i> 1/4 CL	<i>INSULATING</i> 1 HA
STYLE 4650 - 3%							
P10	Granite	6	55	39	8	0.33	0.24
P65	Linen	7	58	35	8	0.31	0.23
V45	Coal	5	47	48	7	0.37	0.26
V47	Chestnut	7	48	45	8	0.37	0.26
STYLE 4550 - 5%							
P10	Granite	7	56	37	8	0.33	0.24
P65	Linen	9	59	32	10	0.32	0.23
V45	Coal	8	48	44	9	0.37	0.26
V47	Chestnut	9	48	43	11	0.37	0.26



PROTECTION THAT LIVES ON
MICROBAN

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



PRODUCT CERTIFIED FOR
 LOW CHEMICAL EMISSIONS
 UL.COM/GG
 UL 2818



MIF Seal of Approval



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

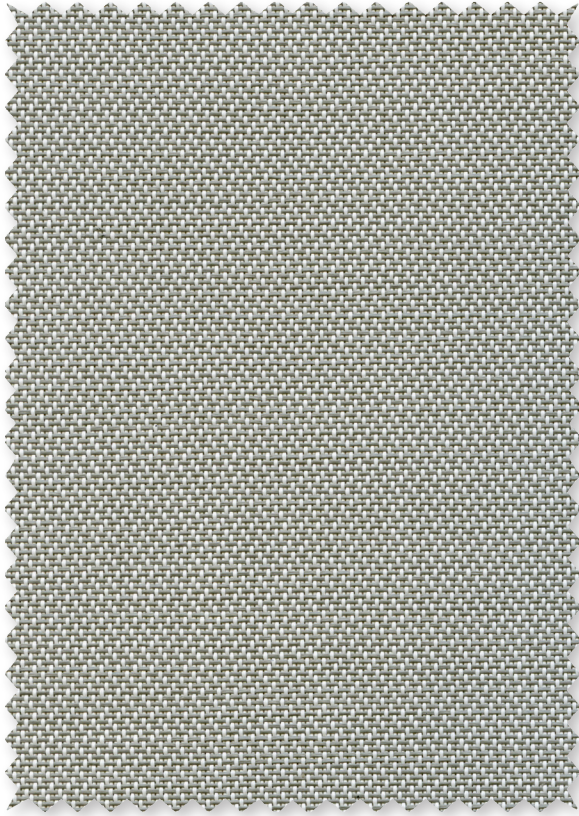
SHGC = Solar Heat Gain Coefficient

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

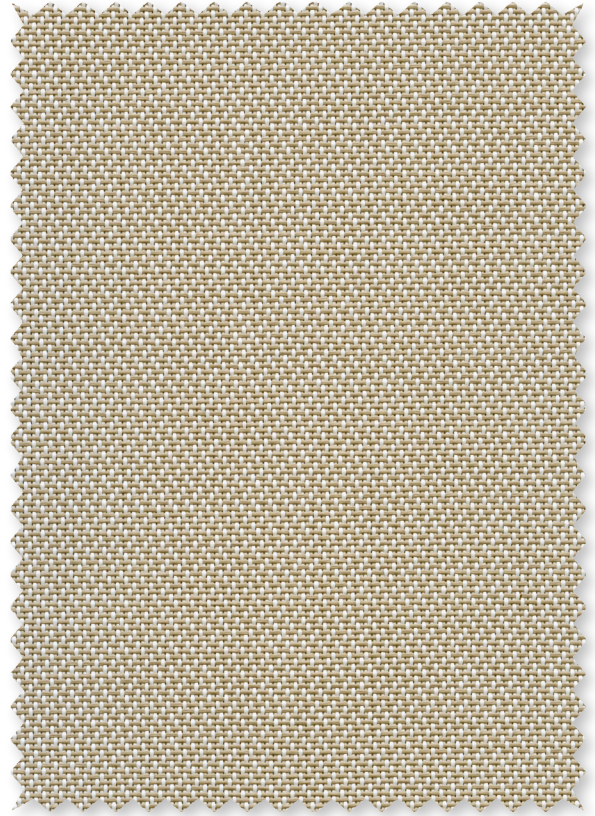
Fabrics Installed Internally
 Zero-Degree Profile Angle

For additional performance values, test references and technical definitions visit us at www.phifer.com.

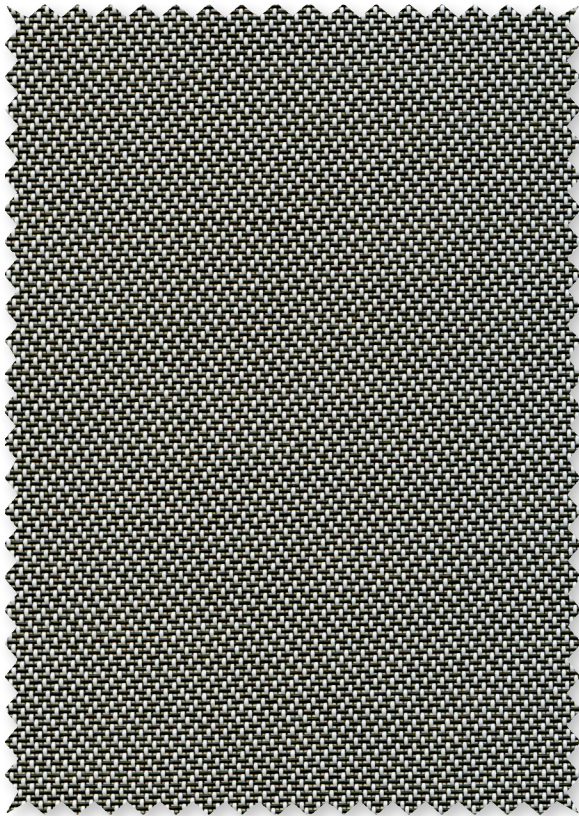
P10 Granite



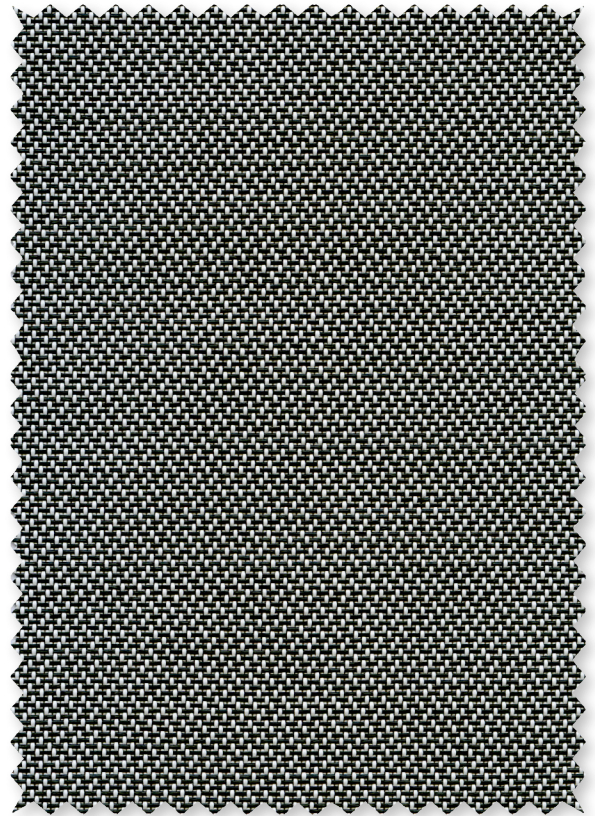
P65 Linen



V47 Chestnut



V45 Coal



STYLE 4650 / 4550 SPECIFICATIONS

Using thin polyester yarns and a unique twill weave, Styles 4650 and 4550 are easy to fabricate and offer a distinct two-sided appearance that maximizes both visibility and solar heat reduction. Style 4650/4550 can also be used in exterior roller shades.

FIRE CLASSIFICATION	California U.S. Title 19 (small scale) NFPA 101 (Class A Rating) BS 5867 Part 2 Type B Performance CAN/ULC-S 109-03 (large and small scale)	NFPA 701 TM#1 (small scale) IBC Section 803.1.1 (Class A Rating) NFPA 701 TM#2 (large scale)
BACTERIA AND FUNGAL RESISTANCE	ASTM E 2180 ASTM G21 ASTM D 3273 GREENGUARD Mold and Bacteria Standard ASTM 6329 includes Microban antimicrobial additives	AATCC30 Part 3
ENVIRONMENTAL CERTIFICATION	GREENGUARD GREENGUARD Gold	Certified to these standards for low chemical emissions into indoor air during product usage
LEAD FREE	RoHS/Directive 2002/95/EC ANSI/WCMA A 100.1-2007 for lead content US Consumer Product Safety Commission Section 101	REACH (EC 1907/2006) compliant
WARRANTY	10-year interior 5-year exterior	
ACOUSTICAL PERFORMANCE	NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a	
UV PROTECTION	Seal of Approval by the Melanoma International Foundation (MIF) for effectiveness in preventing sun damage to the skin or eyes	

STYLE	4650	4550
WIDTHS	63" and 98" 160.0 cm and 248.9 cm	63" and 98" 160.0 cm and 248.9 cm
ROLL LENGTH	30 Linear Yards 27.4 m	30 Linear Yards 27.4 m
COMPOSITION	17% Polyester 83% Vinyl on Polyester	17% Polyester 83% Vinyl on Polyester
MESH WEIGHT	13.3 oz/yd ² 450.96 g/m ²	12.5 oz/yd ² 423.83 g/m ²
FABRIC THICKNESS	0.026 in 0.66 mm	0.025 in 0.64 mm
OPENNESS FACTOR	Approximately 3%	Approximately 5%
UV BLOCKAGE	Approximately 97%	Approximately 95%
ACOUSTICAL VALUE	NRC .15 / SAA .18	NRC .10 / SAA .11



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