

Serge

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By HanDe

Product Certificate

Fire, Smoke Classification	FR (US) - NFPA 701 TM#1 B1(CN) - GB50222	BS (GB) - 5867 Part2 TypeB
Health & Safety	Oeko-tex Standard 100 class IV RoHS Directive (EU)2015/863 AATCC112-2014	Greenguard® Gold EN71 Part 3:1994 GB18586 - 2001
Bacterial & Fungal Resistance	ASTM G21-09 ASTM E 2180-07 Reduce more than 99.9% of bacteria	
Colour fastness to light	Grade 8 ISO105 B02:2014 ≥4.0 AATCC TM 16.3-2014; Option 3; Xenon Arc Lamp	
Warranty	5 Years	



Technical Data

STYLE		Serge
Composition		26%Polyester 74% PVC
Openness Factor		≈ 3%
UV Screen		Up to 95%
Width	inch	98"–118"
	cm	250–300
Weight	oz/yd ²	17.35±5%
(ISO 2286–2)	g/m ²	590 ± 5%
Thickness	inch	0.034 ± 5%
(ISO 2286–3)	mm	0.86 ± 5%
Mechanical	Resistance	
Breaking	Warp	≥2250 N/5cm
(ISO 13934–1)	Weft	≥1470 N/5cm
Tear	Warp	≥290 N
(ISO 4674)	Weft	≥235 N
Packing		32.8 yards
(Roll Length)		30 Im

Thermal and Optical Factors

Color	Side	Fabric Properties					Fabric & Glass	
		Thermal			Optical		SHGC % Improvement	SHGC
		Ts	Rs	As	Rv	Tv		

Recommended Comfort Classification				
Thermal Control	Visual			
	Daylight Utilization	Glare Control	Night Privacy	Outward Visibility

Serge 3%

0101 White*White	A	20	68	12	73	14	55%	0.20
0102 White*Linen	A	12	62	26	67	9	51%	0.21
	B	12	58	30	60	9	47%	0.23
0103 White*Pearl	A	10	56	34	62	8	48%	0.22
	B	10	49	41	53	8	42%	0.25
0105 White*Grey	A	7	47	46	51	5	41%	0.24
	B	7	35	58	37	5	32%	0.28
0107 White* Sand	A	10	56	34	58	7	46%	0.23
	B	10	48	42	48	7	39%	0.26

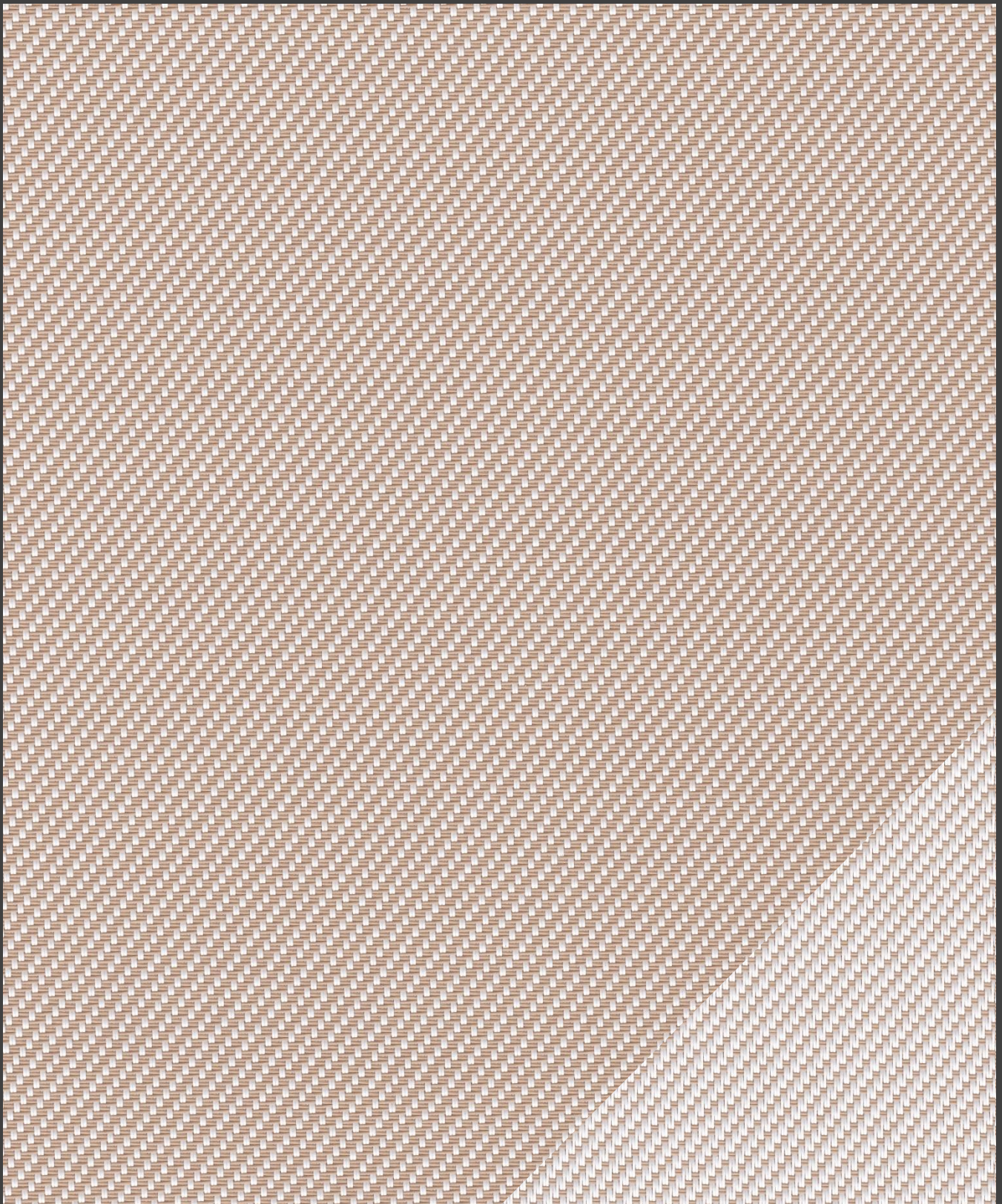
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1	2	0	1	1
1	2	1	2	2
1	1	1	2	2
1	2	1	2	2

Ts (Solar transmittance): Proportion of solar energy transmitted through the fabric. Rs (Solar reflectance): Proportion of solar radiation reflected by the fabric. As (Solar absorptance): Proportion of solar radiation absorbed by the fabric. Tv (Visible light transmittance): Total percentage of light radiation through the fabric over a wavelength of 380 to 780 nm. Rv (visible light reflectance): Total percentage of light radiation reflected by the fabric over a wavelength of 380 to 780 nm. SHGC (Total solar factor): Solar energy which actually penetrates into a room through the blind and glazing. A low value means good thermal performance.

Comfort Classification According to EN14501 : 0. Very little effect 1. Little effect 2. Moderate effect 3. Good effect 4. Very good effect

Openness Factor

0107 White * Sand

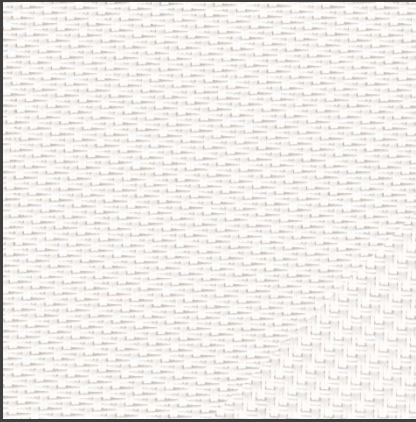


Serge 3%

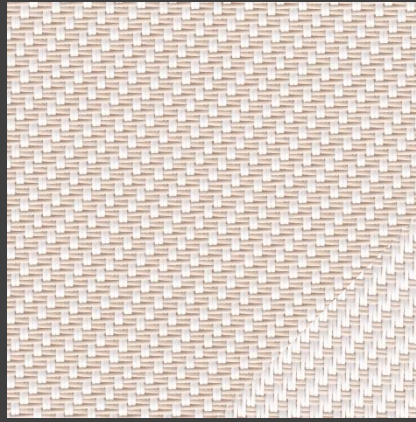
Openness Factor may be slightly different from the actual ones

Colours

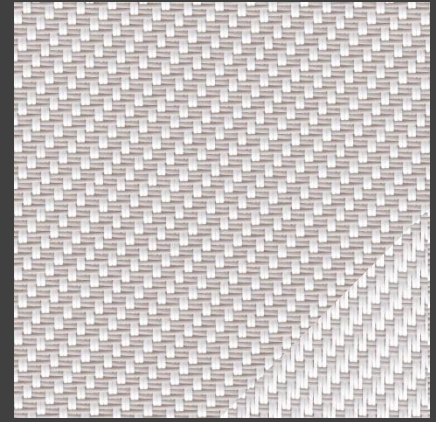
Serge 3%



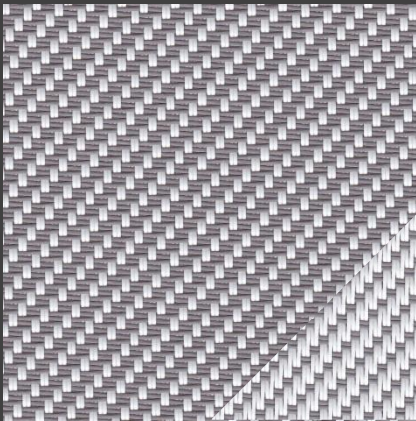
0101 White * White



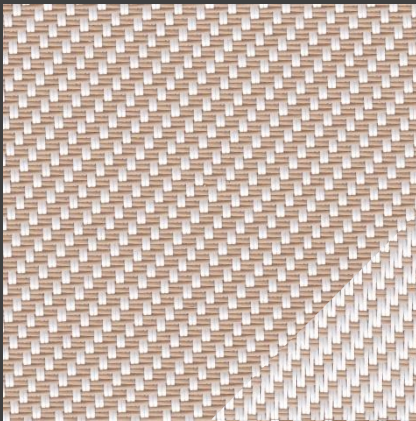
0102 White * Linen



0103 White * Pearl



0105 White * Grey



0107 White * Sand



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