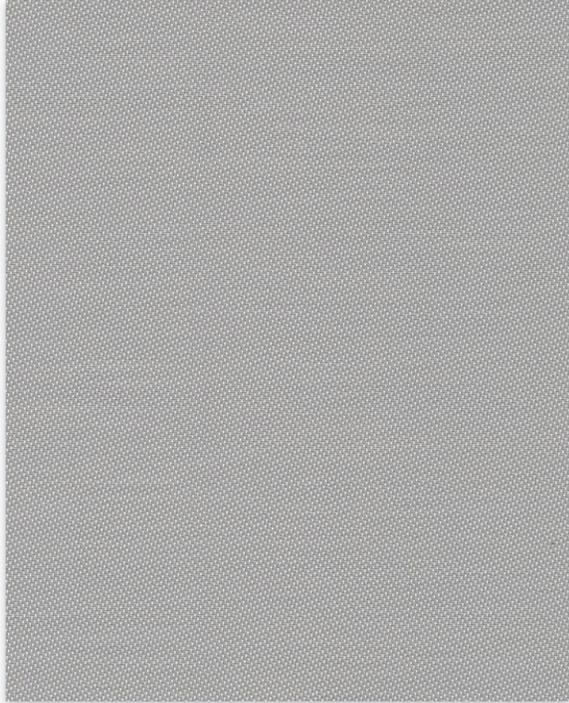


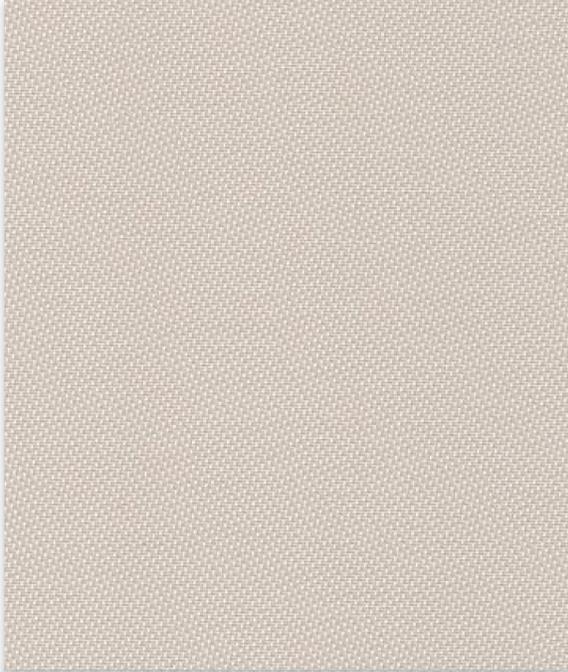
# T Screen Naturals

Conventional | 3% 5% openness

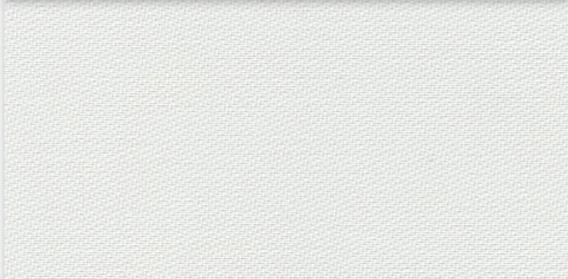


3%

002007 | Pebble



002020



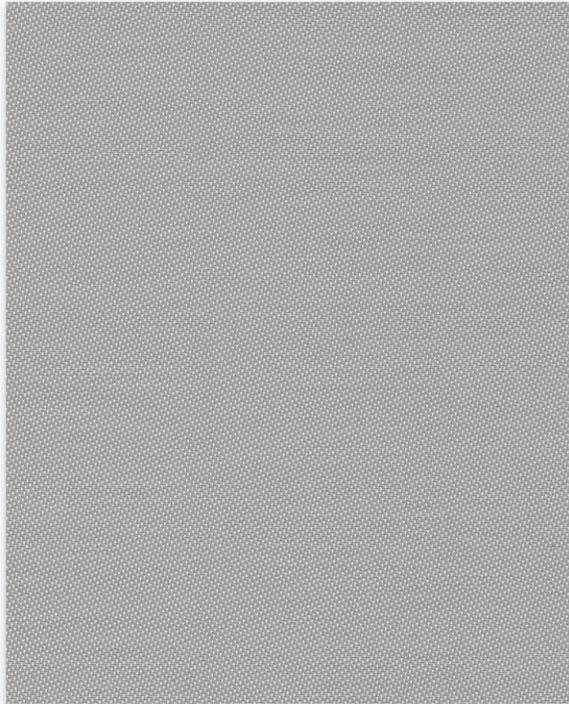
002002



002010



00M164



5%

002007 | Pebble

Fabrics sampled on waterfall are 5% openness.



Sun Control Textiles™



## Specifications

Item Number  
Product Category  
Fabric Style  
Openness Factor  
Composition  
UV Blockage  
Standard Packaging  
Width  
Weight  
Thickness

**3%** 006703 | **5%** 006705  
Conventional  
Satin  
3% & 5%  
36% Fiberglass | 64% Vinyl  
Approximately 95%-97%  
Rolls of 30 ly (27 lm)  
122 in (310 cm)  
**3%** 12.59 oz/yd<sup>2</sup> (427 g/m<sup>2</sup>) ±5%     **5%** 12.24 oz/yd<sup>2</sup> (415 g/m<sup>2</sup>) ±5%  
**3%** 0.027 in (0.68 mm) ±5%     **5%** 0.028 in (0.71 mm) ±5%

## Classifications

Fire Classifications

NFPA 701-10 TM#1, California U.S. Title 19,  
CAN/ULC-S109-03 Small Flame Test  
ASTM E2180, ASTM G21  
RoHS - Lead Free, GREENGUARD Gold

Bacterial & Fungal Resistance  
Environment

## Fabrication

**Cutting:** Cold, Ultrasonic or Crush | **Welding:** Radio Frequency, High Frequency, Impulse, Hot Air or Wedge  
*We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabric specifications.*

## T Screen Naturals

ITEM	COLOR	SIDE*
002007	Pebble	Streetside Roomside
002020	Sand	Streetside Roomside
002002	Beach	Streetside Roomside
002010	Dune	Streetside Roomside
00M164	Horizon	Streetside

### FABRIC

thermal Total Solar						optical			
Rs (%)		As (%)		Ts (%)		Rv (%)		Tv (%)	
3	5	3	5	3	5	3	5	3	5
61	56	26	30	13	14	66	60	11	12
40	36	46	49	14	15	42	38	12	13
65	61	16	17	19	22	69	64	16	19
56	53	24	24	20	23	58	55	17	20
69	68	11	9	20	23	74	73	18	21
69	68	11	9	20	23	74	73	18	21
62	57	22	26	16	17	65	59	13	14
45	41	38	41	17	18	44	39	14	15
58	51	30	35	12	14	62	55	11	12

### FABRIC + GLASS

commercial SHGC % Improvement				residential SHGC	
3	5	3	5	3	5
50	45	0.34	0.38	0.34	0.38
32	29	0.46	0.49	0.46	0.49
50	45	0.33	0.36	0.33	0.36
42	39	0.39	0.41	0.39	0.41
53	53	0.31	0.32	0.31	0.32
53	53	0.31	0.32	0.31	0.32
47	42	0.34	0.38	0.34	0.38
34	29	0.44	0.47	0.44	0.47
45	39	0.36	0.40	0.36	0.40

\*Roomside: identified by the fabric side; Streetside: identified by the coated side.

## Warranty

5 Year Exterior & 10 Year Interior

## Care & Cleaning

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Solar Transmittance (Ts), Solar Reflectance (Rs), Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory Window 7.3 NRC certified software. SHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. For up-to-date test results, performance specifications and larger samples, contact the Mermet Technical Department at: [www.mermetusa.com](http://www.mermetusa.com).

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