

# Product Specifications Sheet

## Satiné™ 1%

### Specifications

**Product Category:** Reinforced Core  
**Openness Factor:** 1%  
**UV Blockage:** Approximately 99%  
**Fabric Style:** Twill  
**Item #:** 005701

**Composition:** 42% fiberglass / 58% vinyl  
**Standard Packaging:** Rolls of 30 ly (27 lm)  
**Width:** 122" (310 cm)  
**Weight:** 17.8 oz / yd<sup>2</sup> (605 g / m<sup>2</sup>) ± 5%  
**Thickness:** 0.033" (0.83 mm) ± 5%

### Fenestration Data

Color#	Color Name	Side*	Fabric Properties						Fabric & Glass				Ultraviolet Protection Factor (UPF)
			Thermal			Optical			Commercial		Residential		
			Rs IR (%)	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC		
			Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior		
930930	Charcoal/Charcoal	Side 1	4	4	95	1	4	1	16	82	0.57	0.12	Excellent
		Side 2	4	4	95	1	4	1	16	82	0.57	0.12	
30M386	Charcoal/Charcoal-Auburn	Side 1	6	6	93	1	6	1	16	82	0.56	0.12	Excellent
		Side 2	6	6	93	1	6	1	16	82	0.56	0.12	
930961	Charcoal/Cocoa	Side 1	5	6	93	1	6	1	18	82	0.56	0.11	Excellent
		Side 2	6	6	93	1	6	1	18	82	0.56	0.11	
30M687	Charcoal/Cocoa-Fawn	Side 1	8	8	91	1	8	1	18	82	0.56	0.11	Excellent
		Side 2	10	9	90	1	9	1	18	82	0.55	0.11	
30M301	Charcoal/Charcoal-Grey	Side 1	8	7	91	2	7	2	18	82	0.56	0.12	Excellent
		Side 2	9	8	90	2	7	2	18	82	0.56	0.12	
30M394	Charcoal/Charcoal-Navy	Side 1	9	7	92	1	5	1	16	82	0.56	0.11	Excellent
		Side 2	10	7	92	1	5	1	16	82	0.56	0.11	
930992	Charcoal/Garnet	Side 1	7	6	93	1	6	1	18	82	0.56	0.11	Excellent
		Side 2	7	6	93	1	6	1	18	82	0.56	0.11	
01M230	Grey/Fog-Charcoal	Side 1	25	23	74	3	21	2	26	84	0.50	0.11	Excellent
		Side 2	25	23	74	3	21	2	26	84	0.50	0.11	
901994	Grey/Navy	Side 1	30	21	74	5	13	2	21	82	0.52	0.12	Excellent
		Side 2	32	21	74	5	12	2	21	82	0.52	0.12	
910993	Sable/Forest	Side 1	26	24	73	3	22	2	26	84	0.49	0.10	Excellent
		Side 2	21	18	79	3	16	2	24	84	0.52	0.11	
10M986	Sable/Garnet-Auburn	Side 1	27	25	73	2	24	2	26	84	0.48	0.10	Excellent
		Side 2	22	20	78	2	19	2	24	84	0.51	0.10	
910988	Sable/Wood	Side 1	31	28	68	4	27	2	29	84	0.47	0.10	Excellent
		Side 2	27	25	71	4	23	3	26	84	0.49	0.11	

\*Side 1: Identified by the dominant diagonal line moving up to the Left; Side 2: Identified by the dominant diagonal line moving up to the Right

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total 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 7.7 NFRC 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. UPF testing was performed according to AATCC 183. The rated UPF was determined according to ASTM D6603: Labeling of UV-Protective Textiles. Acoustical performance was tested in accordance with ASTM C423-17: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact Mermet at info@MermetUSA.com.

#### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic  
**Welding:** Fabric welds without tape. 200-275°F. 5-10s.  
 Radio frequency, impulse, hot air, or wedge  
**Ultraviolet Protection Factor (UPF):**  
 50+ (Excellent UV-Protection)

#### Fire Classifications:

NFPA 701-19 TM#1, California U.S. Title 19  
 CAN/ULC-S109-14 Small & Large Flame Test

#### Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

#### Environmental Benefits:

RoHS - Lead Free  
 GREENGUARD Gold

#### Acoustical Performance:

NRC: 0.15, SAA: 0.16

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

#### Care & Handling

Remove dust with a soft duster, cloth, sponge, vacuum cleaner, or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. For minor stains clean with a soft cloth, sponge, or soft brush dipped in lukewarm soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. For tougher stains and disinfecting instructions visit [www.MermetUSA.com](http://www.MermetUSA.com).

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## Satiné™ 5%

### Specifications

**Product Category:** Reinforced Core  
**Openness Factor:** 5%  
**UV Blockage:** Approximately 95%  
**Fabric Style:** Twill  
**Item #:** 005705

**Composition:** 42% fiberglass / 58% vinyl  
**Standard Packaging:** Rolls of 30 ly (27 lm)  
**Width:** 122" (310 cm)  
**Weight:** 15.4 oz / yd2 (522 g / m2) ± 5%  
**Thickness:** 0.032" (0.81 mm) ± 5%

### Fenestration Data

Color#	Color Name	Side*	Fabric Properties						Fabric & Glass				Ultraviolet Protection Factor (UPF)
			Rs IR (%)	Thermal			Optical		Commercial		Residential		
				Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	SHGC % Improvement		SHGC		
				Interior	Exterior	Interior	Exterior	Interior	Exterior	Interior	Exterior		
930930	Charcoal/Charcoal	Side 1	4	4	91	5	4	5	16	79	0.59	0.13	Good
		Side 2	4	4	91	5	4	5	16	79	0.59	0.13	
30M386	Charcoal/Charcoal-Auburn	Side 1	5	5	90	5	5	5	16	79	0.58	0.13	Good
		Side 2	6	6	89	5	6	5	16	79	0.58	0.13	
930961	Charcoal/Cocoa	Side 1	4	5	90	5	5	5	16	79	0.58	0.13	Good
		Side 2	5	5	91	4	5	4	16	79	0.58	0.13	
30M687	Charcoal/Cocoa-Fawn	Side 1	9	8	87	5	7	5	16	79	0.57	0.13	Good
		Side 2	9	9	86	5	8	4	16	79	0.57	0.13	
30M301	Charcoal/Charcoal-Grey	Side 1	6	6	87	7	6	6	16	79	0.58	0.14	Not Rated
		Side 2	8	7	86	7	7	6	16	79	0.58	0.14	
30M394	Charcoal/Charcoal-Navy	Side 1	8	6	89	5	5	4	16	79	0.58	0.13	Good
		Side 2	10	7	88	5	5	4	16	79	0.57	0.13	
930992	Charcoal/Garnet	Side 1	6	5	91	4	5	4	16	79	0.58	0.13	Good
		Side 2	6	5	91	4	5	4	16	79	0.58	0.13	
01M230	Grey/Fog-Charcoal	Side 1	25	22	69	9	21	7	24	79	0.52	0.14	Good
		Side 2	23	22	69	9	21	7	24	79	0.52	0.14	
901994	Grey/Navy	Side 1	28	21	70	9	14	6	21	79	0.53	0.14	Good
		Side 2	30	20	71	9	12	6	18	79	0.53	0.14	
910993	Sable/Forest	Side 1	26	24	68	8	23	7	24	82	0.51	0.13	Good
		Side 2	20	20	72	8	18	7	21	79	0.53	0.14	
10M986	Sable/Garnet-Auburn	Side 1	27	25	67	8	24	7	26	82	0.50	0.13	Good
		Side 2	23	21	71	8	20	7	24	79	0.52	0.14	
910988	Sable/Wood	Side 1	30	28	63	9	27	7	26	82	0.49	0.13	Good
		Side 2	27	25	66	9	24	8	26	79	0.50	0.14	

\*Side 1: Identified by the dominant diagonal line moving up to the Left ; Side 2: Identified by the dominant diagonal line moving up to the Right

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total 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 7.7 NFRC 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. UPF testing was performed according to AATCC 183. The rated UPF was determined according to ASTM D6603: Labeling of UV-Protective Textiles. Acoustical performance was tested in accordance with ASTM C423-17: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact Mermet at info@MermetUSA.com.

#### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic

**Welding:** Fabric welds without tape. 200-275°F. 5-10s.

Radio frequency, impulse, hot air, or wedge

**Ultraviolet Protection Factor (UPF):**

15-24 (Good UV-Protection)

0-14 (Not rated for UV-Protection)

#### Fire Classifications:

NFPA 701-19 TM#1, California U.S. Title 19

CAN/ULC-S109-14 Small & Large Flame Test

**Bacterial and Fungal Resistance:**

ASTM E2180, ASTM G21

#### Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

**Acoustical Performance:**

NRC: 0.05, SAA: 0.06

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

#### Care & Handling

Remove dust with a soft duster, cloth, sponge, vacuum cleaner, or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. For minor stains clean with a soft cloth, sponge, or soft brush dipped in lukewarm soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. For tougher stains and disinfecting instructions visit [www.MermetUSA.com](http://www.MermetUSA.com).

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