

# T Screen | WITH KOOLBLACK TECHNOLOGY

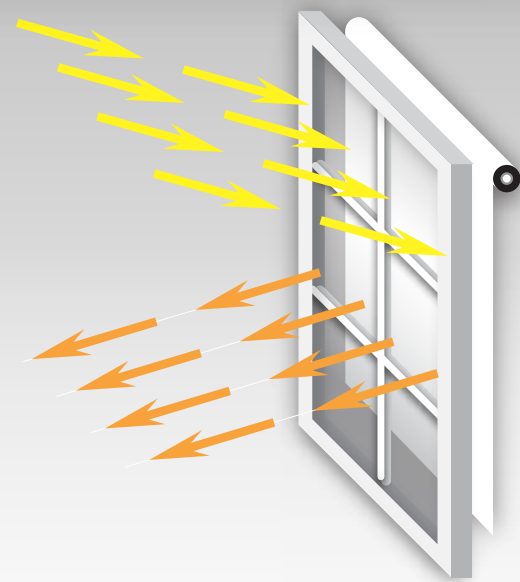
## T Screen with KOOLBLACK™ Technology: Maximum performance, Maximum value

T Screen with KOOLBLACK Technology is the best performing fabric in its category. Compared to similar dual-sided screen fabrics, T Screen with KOOLBLACK Technology has significant advantages in heat blockage and glare control.

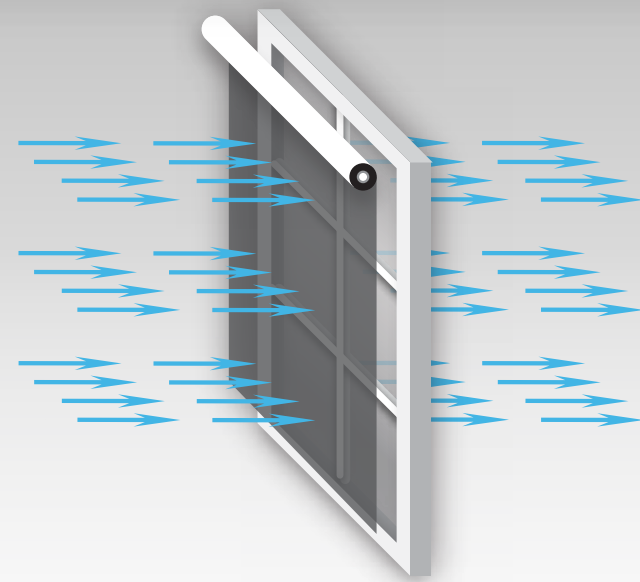
- Improved heat reflection with KOOLBLACK Technology infused white fabric
- Superior view and glare control of dark KOOLBLACK Technology fabric

WHITE SIDE TO EXTERIOR

DARK SIDE TO INTERIOR



Reflects radiation and controls heat



Clear, crisp outward visibility

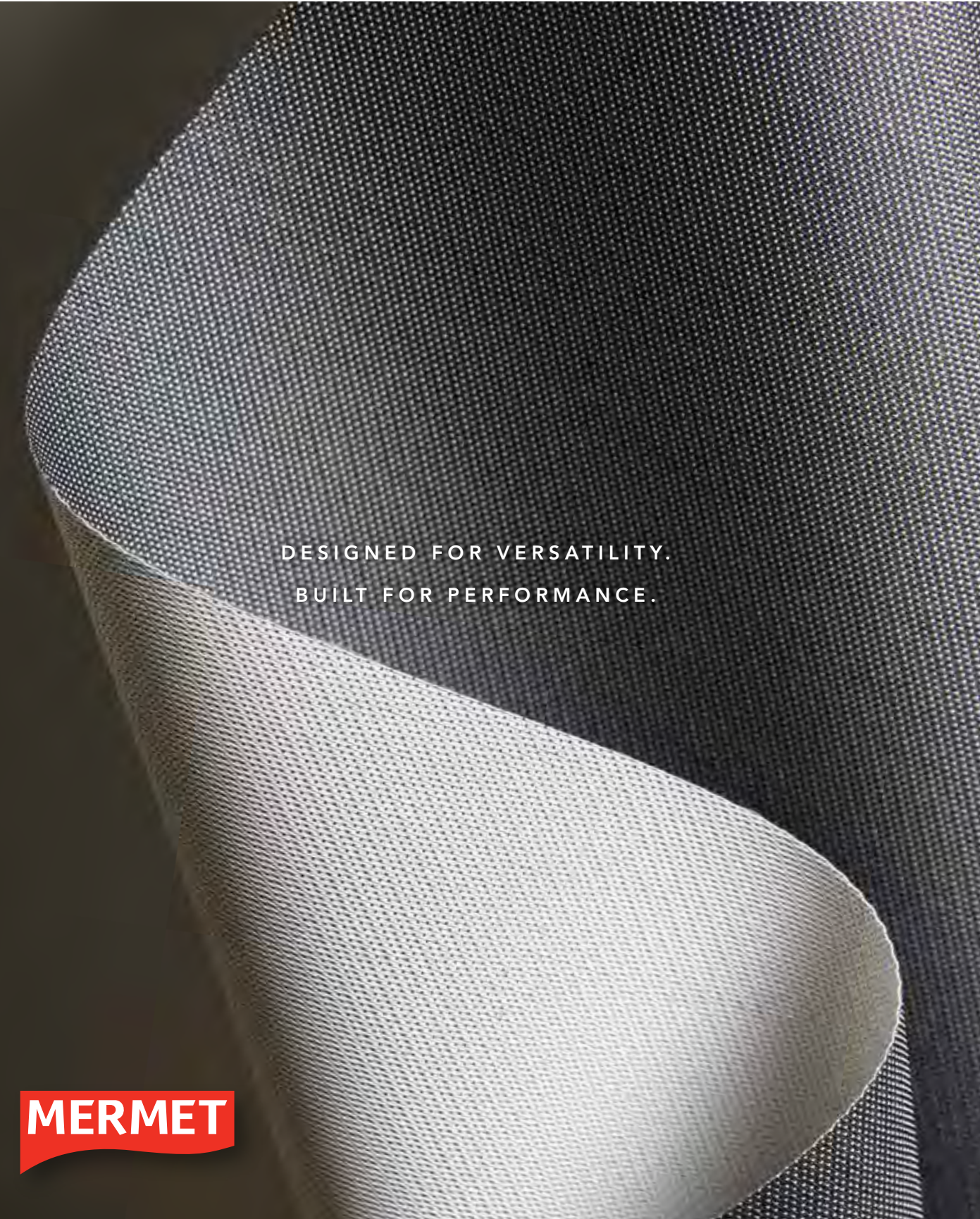
- Improved near-infrared reflection for enhanced reduction in heat gain
- Reflects up to 63% of all solar radiation
- High reflectivity reduces temperatures and cooling costs

- Provides the clean, crisp views of dark fabrics
- Blocks up to 93% of all visible light for visual comfort
- Maximum glare control for effective daylighting and comfortable spaces

**MERMET**

More information on Mermet's full line of KOOLBLACK Technology fabrics, E Screen with KOOLBLACK Technology and T Screen with KOOLBLACK Technology, can be found at [www.mermetusa.com](http://www.mermetusa.com).

# T Screen | WITH KOOLBLACK TECHNOLOGY



DESIGNED FOR VERSATILITY.  
BUILT FOR PERFORMANCE.

**MERMET**

# T Screen | WITH KOOLBLACK TECHNOLOGY



<b>Openness Factor:</b>	3% & 5%	<b>Width:</b>	98" (250cm), 122" (310cm)
<b>Product Type:</b>	Interior - Transparent	<b>Weight:</b>	3% = 13.27 oz / yd2 (450 g / m2) ±5% 5% = 12.48 oz / yd2 (423 g / m2) ±5%
<b>Composition:</b>	36% Fiberglass / 64% Vinyl	<b>Thickness:</b>	3% = 0.029" (0.74 mm) ±5% 5% = 0.027" (0.69 mm) ±5%
<b>Standard Packaging:</b>	Rolls of 30 ly (27 lm)		

Fenestration Properties:			Rs		Tv		G-Value DG	
Item#	Style Name	Side	3%	5%	3%	5%	3%	5%
02.31	White/Grey	Dark	50	47	10	11	0.41	0.42
		Light	65	60	8	10	0.36	0.38
02.32	White/Cocoa	Dark	45	41	8	10	0.42	0.44
		Light	63	57	7	10	0.37	0.39
02.35	White/Charcoal	Dark	43	39	8	10	0.43	0.44
		Light	63	57	7	9	0.37	0.39
K301	White/Charcoal-Grey	Dark	47	43	9	9	0.42	0.43
		Light	64	59	8	9	0.36	0.38
K302	White/Charcoal-Cocoa	Dark	44	40	9	10	0.43	0.44
		Light	63	57	8	9	0.37	0.39

\*The fenestration property tests were conducted in accordance with EN 14501:2005, ASTM 891, ASTM E903-96: G-Value (Solar Heat Gain Coefficient), Solar Reflectance (Rs), Visible Light Transmittance (Tv); Double Glazing 4mm/16mm/4mm with low E-coating in position 3, space filled with Argon (DG); The above data is indicative. For up-to-date test results, performance specifications and larger samples, contact the Mermet Marketing Department at [www.mermetusa.com](http://www.mermetusa.com).

**Fabrication Methods:**  
Cutting: Cold, Ultrasonic or Crush  
Welding: Radio frequency, high frequency, impulse, hot air, hot wedge

**Fire Classifications:**  
NFPA 701-10 TM#1, California U.S. Title 19

**Environmental Benefits:**  
RoHS—Lead Free

**Bacteria and Fungal Resistance:**  
ASTM G21, ASTM E2180

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

**Care and 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.

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**MERMET**

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# T Screen | WITH **KOOLBLACK** TECHNOLOGY

Transparent | 3% Openness | 5% Openness



02.32  
White/  
Cocoa

02.35  
White/  
Charcoal

K301  
White/  
Charcoal-  
Grey

K302  
White/  
Charcoal-  
Cocoa



3% Openness

02.31 White/Grey



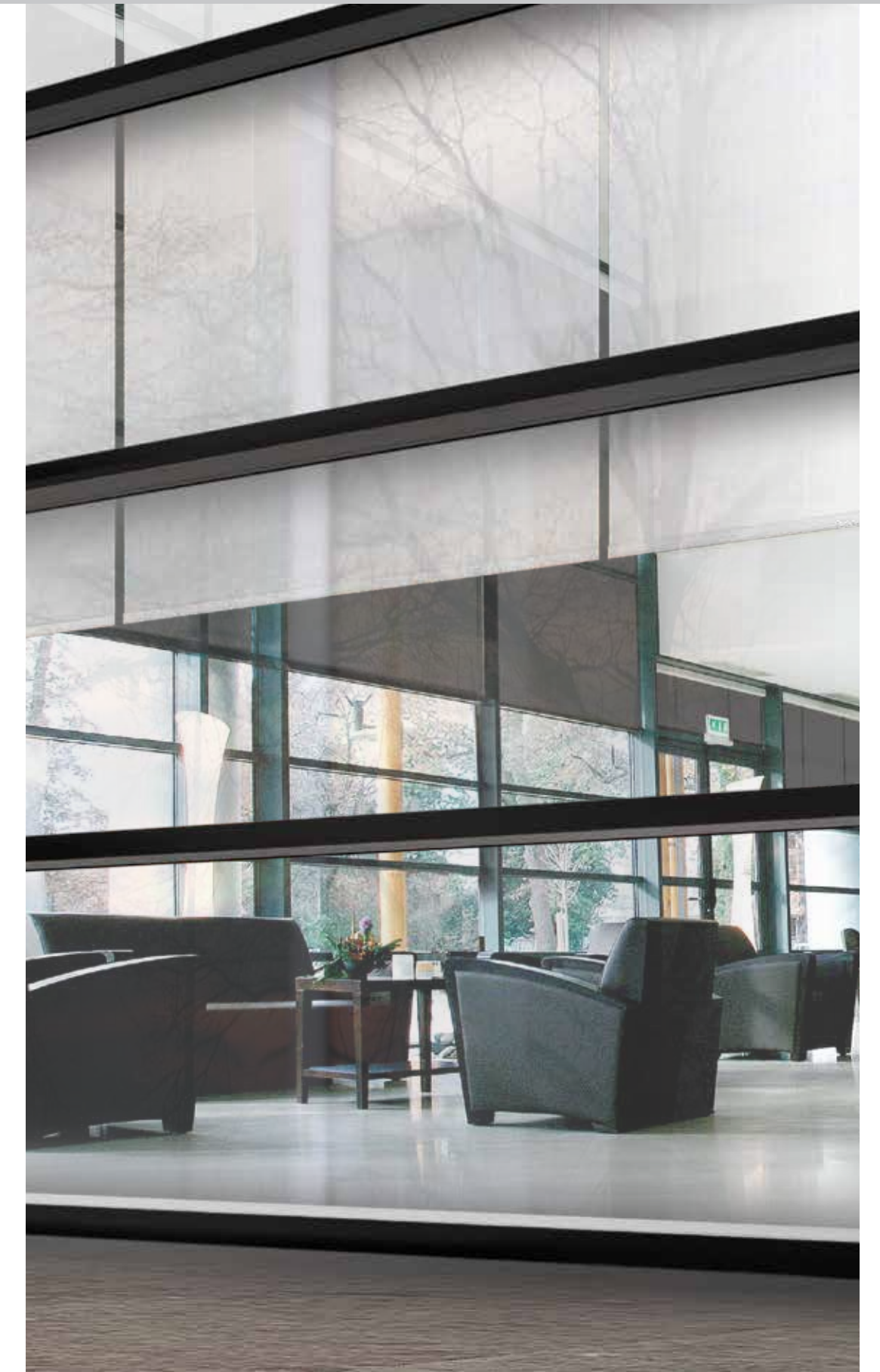
5% Openness

02.31 White/Grey

Dark to the inside for clear view  
and superior glare control.



White to the exterior for  
superior heat reflectivity.



*Fabrics sampled on the left are 5% openness. All colors are available in both 3% and 5% openness factors.*