

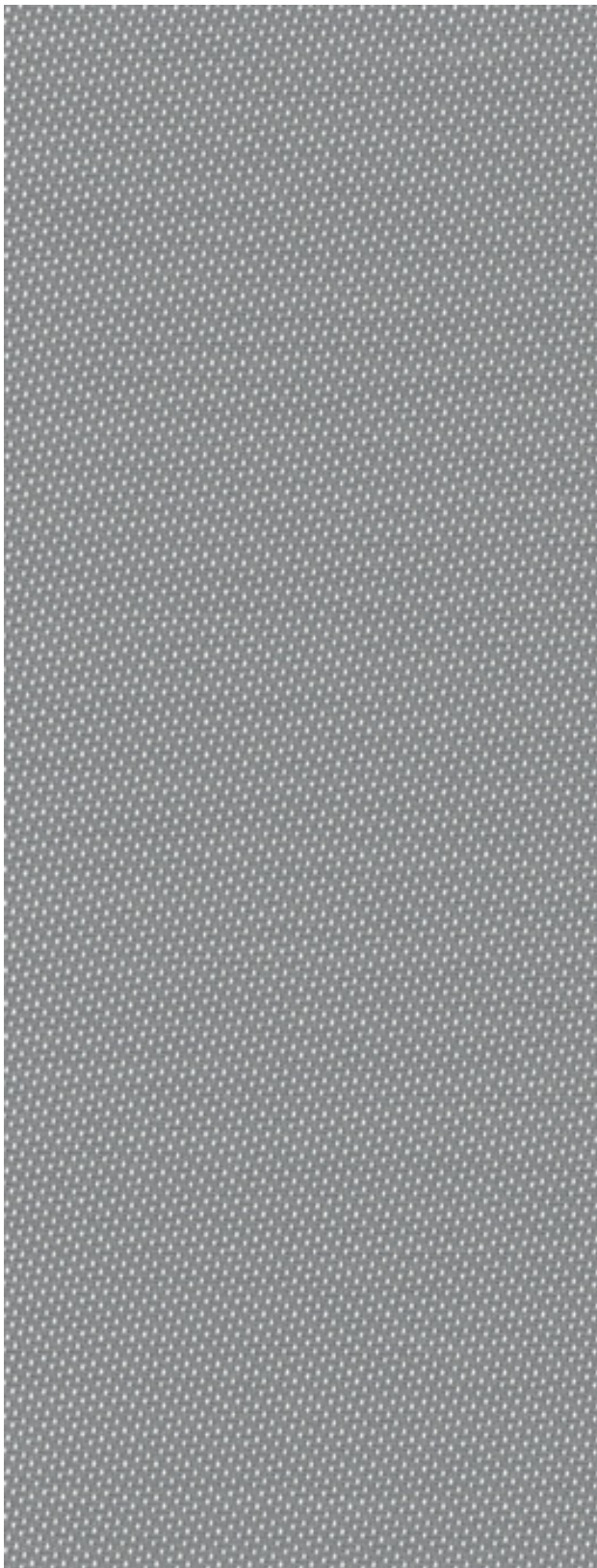


# T SCREEN

with KoolBlack® Technology

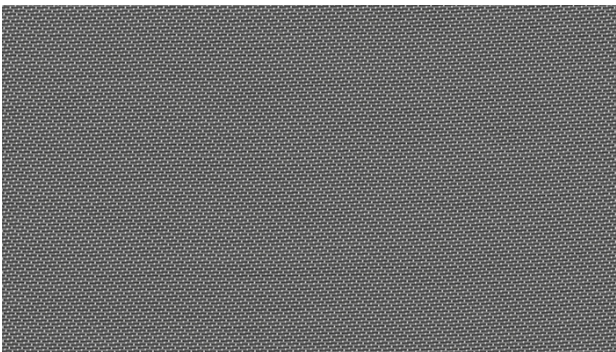


Openness | 1% 3% 5%

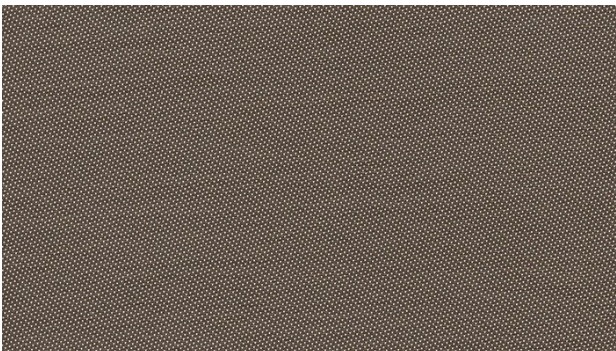


White/Grey

Shown in Openness 3%



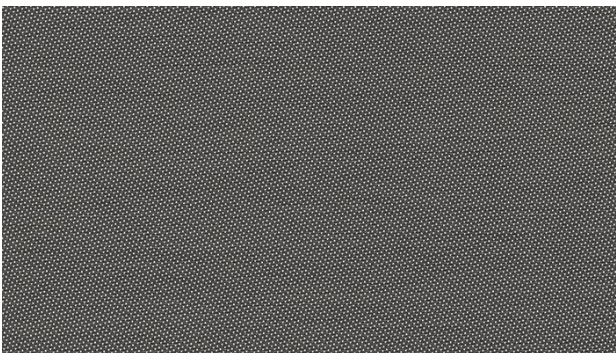
White/Charcoal-Grey



White/Cocoa



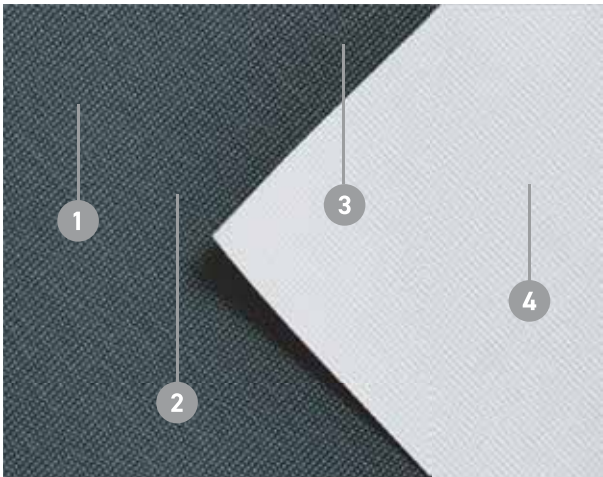
White/Charcoal-Cocoa



White/Charcoal

## KOOLER THAN BEING COOL

Cooling technology woven into a 2-tone fabric.



### 1 COOLING TECH

T Screen with KOOLBLACK™ Technology is the best performing fabric in its category with the ability to reflect 64% of the sun's energy, creating significant advantages in heat reduction and glare control.

### 2 2-TONE FABRIC

With KOOLBLACK™ technology infused into every yarn, this unique satin weave fabric can be positioned in two ways to satisfy designers and architects alike:

- Dark side facing inside for superior glare control, with white side facing outside for heat reflection.
- White side facing inside for clean design, with dark side facing outside to blend the shades into the building façade.





# T SCREEN

with KoolBlack® Technology



## Specifications



### COMPOSITION

36% Fiberglass, 64% Vinyl



### WEAVE STYLE

Satin Weave 2-Sided Fabric



### WIDTH

98" (250 cm)

122" (310 cm)



### FABRIC WEIGHT

1% 459 g/m<sup>2</sup> (13.54 oz/sqyd)

3% 450 g/m<sup>2</sup> (13.27 oz/sqyd)

5% 423 g/m<sup>2</sup> (12.48 oz/sqyd)



### FABRIC THICKNESS

1% 0.61 mm (0.024") ± 5%

3% 0.74 mm (0.029") ± 5%

5% 0.69 mm (0.027") ± 5%



### UV BLOCKAGE

1% 99%

3% 97%

5% 95%



### GREEN STANDARDS

GreenGuard Gold  
Fungal Resistance -  
ASTM E2180 & ASTM G21  
RoHS - Lead Free



### FIRE CLASSIFICATIONS

NFPA 701-10 TM#1,  
California U.S. Title 19  
CAN/ULC-S109-03 Small &  
Large Flame Test



### CERTIFICATIONS



## T Screen | 1% Openness

Colour	Side	Rs	As	Ts	Tv	IR Reflection	SHGC % Improvement on Commercial Glazing	SHGC Residential Glazing
White/Grey	Street	69%	18%	13%	7%	72%	55%	0.28
	Room	52%	36%	12%	6%	70%	34%	0.39
White/Charcoal-Grey	Street	69%	20%	11%	4%	72%	55%	0.28
	Room	48%	41%	11%	4%	70%	29%	0.41
White/Cocoa	Street	68%	19%	13%	7%	71%	53%	0.30
	Room	46%	41%	13%	6%	69%	26%	0.45
White/Charcoal-Cocoa	Street	65%	22%	13%	7%	69%	50%	0.32
	Room	44%	44%	12%	6%	67%	26%	0.45
White/Charcoal	Street	65%	24%	11%	4%	69%	50%	0.31
	Room	43%	46%	11%	4%	67%	26%	0.46

## T Screen | 3% Openness

Colour	Side	Rs	As	Ts	Tv	IR Reflection	SHGC % Improvement on Commercial Glazing	SHGC Residential Glazing
White/Grey	Street	68%	18%	14%	9%	70%	53%	0.29
	Room	53%	34%	13%	7%	69%	34%	0.39
White/Charcoal-Grey	Street	66%	20%	14%	7%	69%	53%	0.30
	Room	48%	38%	14%	7%	67%	32%	0.42
White/Cocoa	Street	62%	23%	15%	8%	67%	45%	0.35
	Room	44%	40%	16%	9%	65%	24%	0.47
White/Charcoal-Cocoa	Street	62%	23%	15%	8%	67%	45%	0.35
	Room	44%	40%	16%	9%	65%	24%	0.47
White/Charcoal	Street	62%	23%	15%	8%	66%	45%	0.35
	Room	43%	41%	16%	9%	65%	24%	0.47

## T Screen | 5% Openness

Colour	Side	Rs	As	Ts	Tv	IR Reflection	SHGC % Improvement on Commercial Glazing	SHGC Residential Glazing
White/Grey	Street	63%	20%	17%	11%	67%	47%	0.33
	Room	49%	35%	16%	10%	67%	32%	0.42
White/Charcoal-Grey	Street	61%	22%	17%	10%	66%	45%	0.34
	Room	45%	38%	17%	10%	65%	26%	0.45
White/Cocoa	Street	57%	26%	17%	10%	64%	39%	0.39
	Room	41%	41%	18%	10%	63%	21%	0.50
White/Charcoal-Cocoa	Street	57%	26%	17%	9%	64%	39%	0.39
	Room	40%	43%	17%	10%	62%	21%	0.50
White/Charcoal	Street	57%	26%	17%	9%	64%	39%	0.39
	Room	39%	43%	18%	10%	62%	18%	0.51

Room side is identified by the coloured side of the fabric. Street side is identified as the white side of the fabric. As (Solar Absorption) + Rs (Solar Reflection) + Ts (Solar Transmission) = 100% of solar energy. Tv = Visible Light Transmission. Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory Window 7.3 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. All performance values are measured within tolerances of ±5%.

Contact ELITE PRO for larger fabric swatches.

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PERFORMANCE

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KOOLER THAN  
BEING COOL

Cooling technology woven into a 2-tone fabric.