

# E-Screen Chrome

**10**  
TEN YEAR  
FABRIC  
WARRANTY



3% openness with metallised backing for maximum reflection of solar energy.

## Colour Range



White 3%



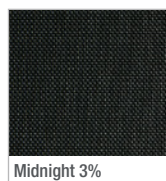
White/Linen 3%



White/Pearl 3%



Midnight/Pearl 3%



Midnight 3%

## Sunscreen Fabric

Roller Blind | Roman Shade | Panel Glide  
2.4m width

**MERMET**

# E-Screen Chrome

## Technical Information

<b>Composition:</b>	36% Fibreglass, 64% PVC
<b>Thickness:</b>	0.50mm ± 5%
<b>Weight:</b>	401 g/sm ± 5%
<b>Weave Construction:</b>	2 (warp) x 2 (weft) Basket Weave
<b>Stiffness:</b>	62mm ± 5mm
<b>Breaking Strength:</b> (AS 2001.2.3)	1800N Warp, 1500N Weft
<b>Tearing Resistance:</b> (AS 2001.2.10)	56N Warp, 64N Weft
<b>Cutting*:</b>	Ultrasonic, Knife, Crush Cut & Pressure Cut. Can be rail roaded.
<b>Colourfastness:</b>	6-7 Blue Scale (AS 2001.4.21)

**Features:** E-Screen Chrome Fabric has been tested and is Greenguard® Gold Certified to meet strict certification criteria for low Volatile Organic Compound (VOC) emissions and is acceptable for use in environments such as schools and healthcare facilities (IEQ-11).



**Fire Retardancy Information:** Independently tested to AS1530.2<sup>^</sup> and AS1530.3<sup>\*</sup>. Suitable for classes 1,2 to 9 (a) and (c) and 10 buildings as per BCA.

Ignitability Index* (Range 0-20):	19
Spread of Flame Index* (Range 0-10):	0
Heat Evolved Index* (Range 0-10):	1
Smoke Developed Index*(Range 0-10):	5
Flammability Index*:	18

<b>Range:</b>	<b>Item:</b>	<b>Width:</b>	<b>Roll Length:</b>
	43.295.XX	2400mm	72 sqm

### Thermal & Visual Properties

Colour	Thermal Comfort			Glazing & Fabric				Visual Comfort
	Ts	Rs	As	GTOT A	GTOT B	GTOT C	GTOT D	TL / TV
Midnight	3	5	93	0.69	0.67	0.55	0.30	3
Midnight/Pearl	3	11	86	0.65	0.64	0.53	0.30	3
White	4	70	26	0.31	0.34	0.34	0.25	4
White/Linen	3	64	33	0.34	0.37	0.36	0.25	3
White/Pearl	3	55	42	0.39	0.40	0.39	0.26	3
<b>Metallised Side</b>								
Midnight	3	72	25	0.29	0.33	0.33	0.24	3
Midnight/Pearl	3	73	25	0.29	0.32	0.33	0.24	3
White	4	73	24	0.29	0.33	0.33	0.24	4
White/Linen	3	72	24	0.29	0.33	0.34	0.24	3
White/Pearl	4	71	25	0.30	0.33	0.33	0.24	4

Solar protection indicators are laboratory-tested. The most relevant and widely used thermal comfort factors include:

#### THERMAL COMFORT

Fabric Only  
Ts Solar Transmittance (%)  
Rs Solar Reflectance (%)  
As Solar Absorbance (%)  
*Solar radiation is always partially transmitted through, absorbed or reflected by the fabric. The sum of all 3 equals 100. Ts + Rs + As = 100% of solar energy.*

#### GLAZING & FABRIC

Test data has been supplied using the following glazing types:  
• A Clear single glazing (4mm float)  
• B Clear double glazing (4mm float + 12mm space + 4mm float)  
• C Double glazing low-e coating and argon filled (4mm float + 16mm space + 4mm float)  
• D Reflective double glazing with low-e coating and argon filled (4mm + 16mm space + 4mm float)

#### GTOT (RANGE 0-1)

The Solar Heat Gain Coefficient (SHGC), measures the window's (fabric and glass) ability to transmit solar energy into a room. The SHGC is commonly referred to as g-tot. SHGC/g-tot is a calculation of the g-values of the solar protection device (fabric) and the glazing (A, B, C, D). The lower the GTOT value, the greater its ability to insulate against solar heat build-up.

#### VISUAL COMFORT

Fabric Only  
TL / TV Light Transmittance (%)  
RL Light Reflectance (%)

*The fenestration property tests were conducted in accordance with EN 410 (1998), EN 14501:(2005), and EN 14500:(2008).*

For more information contact our customer service team or visit: [hunterdouglas.com.au/enquiry](http://hunterdouglas.com.au/enquiry)

[turnilscollage.com.au](http://turnilscollage.com.au)