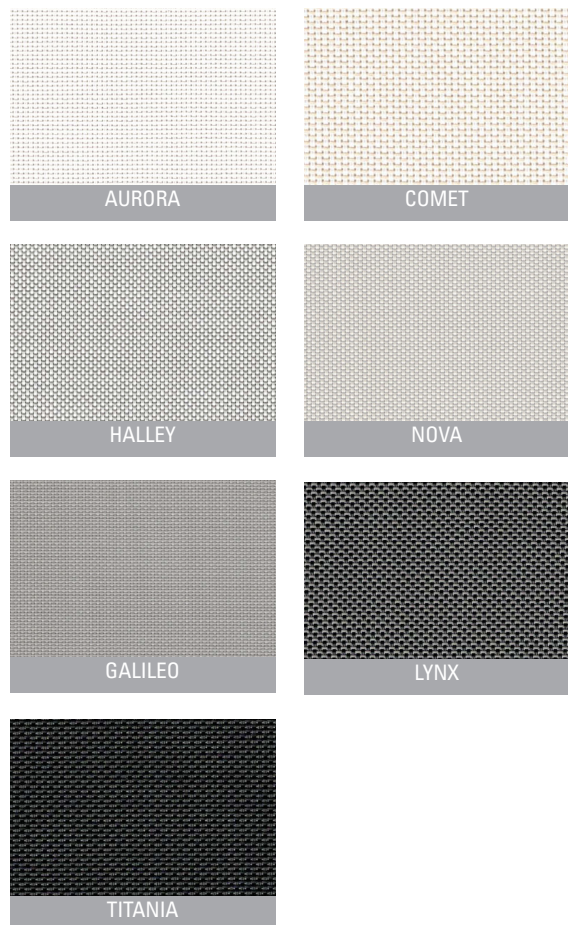


PHOENIX™ Screen

Why PHOENIX™ Screen?

Phoenix Screen is a Basketweave 2 x 1 woven construction that allows insulation from harmful UV rays with heat and reflection properties that assist in maintaining an energy efficient environment. It has good visual through its weave providing more light and daytime privacy, as well as, being UV resistant. This cost effective and environmentally friendly range of fabric is also suitable for use on the Vertilux Roller Blind and Panel Glide Systems.

Colour Range



Fabric Specifications

Quality:	30% Polyester / 70% PVC
Width:	3000mm
Weave & Opacity:	Basketweave 2x1 woven to achieve transparent opacity.
Weight:	380 gr/m ² ± 5%
Thickness	0.52mm ± 5%
Fire Classifications:	FR (USA), NFPA 701 - 2010 B1 (DE), DIN 4102 - 1
Oeko-Tex Certified:	Yes
Lightfastness:	Tested ISO 105 B4: 8 Fabric with a 5+ result offers excellent resistance to the fading effect of light.
VOC test:	US EPA 5021
Anti Fungal / Mould Resistance:	Tested to standard BS EN ISO 846: 1997 Method A to ensure that the fabric inhibits mould.
Humid Room Suitability:	This fabric is suitable for use in humid rooms, such as bathrooms.
Fabric Warranty:	5 years (internal use only)
Care Instructions:	Do not allow dust to accumulate. Gently vacuum with appropriate attachment. Do not dry clean. Test in an inconspicuous area with mild detergent solution before spot cleaning. When spot cleaning do not allow that area to become fully wet, use damp cloth only.

Light and Solar Optical Properties

Independently tested to
ASHRAE 74-1988

	Independently tested to ASHRAE 74-1988							Shading Coefficient			G-Value		
	Ts	Rs	As	Tv/Vlt	RI	AI	Tuv	3mm Cl.	6mm Cl.	6mm H.A.	3mm Cl.	6mm Cl.	6mm H.A.
AURORA	25	63	12	22	72	7	12	0.38	0.37	0.34	0.33	0.82	0.30
COMET	25	57	18	21	64	15	12	0.42	0.41	0.36	0.36	0.32	0.31
HALLEY	21	46	34	18	52	30	12	0.49	0.48	0.39	0.43	0.36	0.34
NOVA	21	37	42	18	41	41	12	0.56	0.53	0.42	0.48	0.46	0.37
GALILEO	17	26	57	14	28	57	12	0.62	0.59	0.45	0.54	0.51	0.39
LYNX	13	12	75	13	13	74	12	0.71	0.67	0.49	0.62	0.58	0.43
TITANIA	12	4	85	12	4	85	12	0.76	0.71	0.52	0.66	0.62	0.45

Legend to Light and Solar Optical Properties abbreviations:

Ts: Solar Transmittance (%) As: Solar Absorbance (%) Tuv: Ultraviolet Transmittance (%)
Rs: Solar Reflectance (%) Tv/Vlt: Visible Light Transmittance (%) O-F: Openness Factor



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