

# PERSPECTIVE SCREENS

SOLAR PROTECTION FABRICS

**LOUVOLITE**  
COMMERCIAL

[www.louvolitecommercial.com](http://www.louvolitecommercial.com)

## PERSPECTIVE SCREEN FABRICS

**Perspective 5%:** Provides the most natural light with good solar energy performance and the most transparency for a view out.

**Perspective 3%:** Provides a good combination of natural light, solar energy performance and view out.

**Perspective 3% White Back:** The twill design allows the combination of a coloured face with a white exterior for a uniform look to the building facade.

**Perspective PureView®:** A white 3% screen that provides the same clear view out performance as a dark coloured screen.

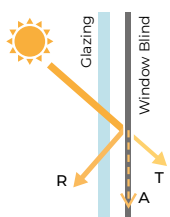
Perspective PureView® successfully reduces glare, provides a better view out and retains a level of privacy from the outside, all without compromising the natural light entering the room.

**Perspective Aluview:** The metallised backing acts as a thermal barrier at the window, it enhances the thermal energy and low-e performance of the fabric, reducing the demand for artificial heating and cooling. This reflective 3% screen provides optimum natural light with visual comfort, better glare control and outward visibility.

**Perspective 1%:** Provides limited natural light and view out, but better solar energy performance.

**Perspective Blackout:** Most effective for room darkening while providing a cohesive internal aesthetic with other Perspective screens. The 0% openness fabric blocks out natural light, 100% UV and up to 75% of solar radiation. Pair with Perspective 3% White Back for a matching face and a uniform exterior facade.

Solar, Visual & Colour Fastness Properties																			
	Heat/Solar			Light/Visual			UV Block	CF	DP	Shading Co-efficient					Gtot				
	R <sub>s</sub>	A <sub>s</sub>	T <sub>s</sub>	R <sub>v</sub>	A <sub>v</sub>	T <sub>v</sub>				SG	DG	DGLE	SCLC	TG	SG	DG	DGLE	SCLC	TG
5% Beige	59	21	20	69	15	16	91	8	0	0.45	0.47	0.44	0.30	0.42	0.39	0.41	0.38	0.26	0.37
5% Black	3	89	8	3	88	9	92	8	0	0.81	0.79	0.64	0.35	0.61	0.71	0.68	0.56	0.31	0.53
5% Grey	45	40	15	49	35	16	91	8	0	0.54	0.54	0.49	0.31	0.47	0.47	0.47	0.42	0.27	0.41
5% White	68	8	24	78	1	21	91	8	0	0.40	0.41	0.40	0.29	0.39	0.35	0.36	0.35	0.25	0.34
3% Beige	64	19	17	72	16	12	93	8	0	0.42	0.43	0.42	0.29	0.41	0.36	0.38	0.36	0.25	0.35
3% Black	3	92	5	3	92	5	95	8	0	0.81	0.78	0.64	0.35	0.61	0.70	0.68	0.56	0.31	0.53
3% Grey	44	42	14	49	39	12	92	8	0	0.54	0.55	0.49	0.31	0.47	0.47	0.48	0.43	0.27	0.41
3% White	72	8	20	81	4	15	92	8	0	0.37	0.39	0.39	0.28	0.38	0.32	0.34	0.34	0.25	0.33
White Back Beige	62	19	19	70	15	15	95	8	0	0.43	0.45	0.43	0.29	0.41	0.38	0.39	0.37	0.25	0.36
White Back Black	44	49	7	53	41	7	95	8	1	0.54	0.55	0.49	0.31	0.47	0.47	0.47	0.43	0.27	0.41
White Back Grey	52	37	11	59	32	8	95	8	0	0.49	0.50	0.46	0.30	0.45	0.42	0.43	0.40	0.26	0.39
White Back White	67	10	23	76	4	20	95	8	0	0.40	0.42	0.41	0.29	0.40	0.35	0.37	0.35	0.25	0.35
PureView® White	70	22	8	83	9	8	93	8	0	0.36	0.39	0.39	0.28	0.39	0.31	0.34	0.34	0.25	0.34
Aluview Beige	70	22	8	66	26	8	96	8	0	0.36	0.39	0.39	0.28	0.39	0.31	0.34	0.34	0.25	0.34
Aluview Black	44	53	3	43	53	3	96	8	0	0.53	0.54	0.49	0.31	0.47	0.46	0.47	0.42	0.27	0.41
Aluview Grey	69	23	8	65	26	9	96	8	0	0.37	0.40	0.40	0.28	0.39	0.32	0.35	0.34	0.25	0.34
Aluview White	73	16	11	73	17	10	95	8	0	0.35	0.38	0.38	0.28	0.38	0.30	0.33	0.33	0.24	0.33
1% Beige	62	22	16	70	19	11	96	8	0	0.43	0.45	0.42	0.29	0.41	0.37	0.39	0.37	0.25	0.36
1% Black	3	93	4	3	93	4	96	8	0	0.80	0.78	0.64	0.35	0.61	0.70	0.68	0.56	0.31	0.53
1% Grey	46	45	9	53	41	6	96	8	0	0.52	0.53	0.48	0.31	0.46	0.46	0.46	0.42	0.27	0.40
1% White	73	8	19	81	5	14	99	8	0	0.36	0.38	0.38	0.28	0.38	0.31	0.33	0.33	0.24	0.33
Blackout Beige	71	29	0	81	19	0	100	8	3	0.34	0.38	0.39	0.28	0.38	0.30	0.33	0.34	0.24	0.33
Blackout Black	75	25	0	85	15	0	100	8	3	0.31	0.36	0.37	0.28	0.37	0.27	0.31	0.32	0.24	0.32
Blackout Grey	71	29	0	81	19	0	100	8	3	0.34	0.38	0.39	0.28	0.38	0.30	0.33	0.34	0.24	0.33
Blackout White	71	29	0	81	19	0	100	8	3	0.34	0.38	0.39	0.28	0.38	0.30	0.33	0.34	0.24	0.33



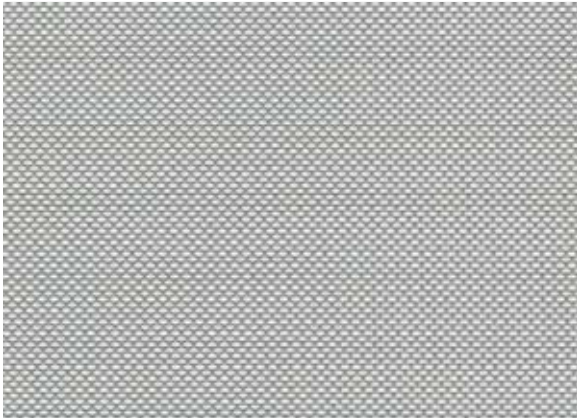
**Solar Gain:** The amount of heat increase resulting from solar energy entering a room. It is the total of three separate parts - the amount of energy transmitted directly into the room, the energy which is absorbed by the blind and the proportion of energy which is absorbed by the window.

**R:** % of reflected heat and light.  
**A:** % of absorbed heat and light.  
**T:** % of transmitted heat and light.  
**UV Block:** the % of UV light blocked by the fabric.  
**Colour Fastness (CF):** Scale of 8, BS EN ISO 105-B02-2014.

**Darkening Performance (DP):** Scale of 0-4.  
 0: lowest opacity  
 4: highest. A rating of 4 indicates the product is completely opaque with no pinholes or light transfer.  
**Please note:** Blackout fabric does not create total darkness. As a blind, there will be lightstrike around the blind edges.

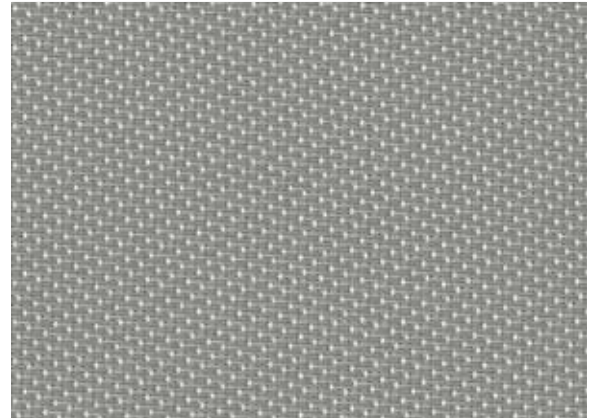
**Shading Co-efficient (EN 14501)** The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, the higher the efficiency of the fabric.  
**Gtot:** Amount of heat entering through the glazing and shading combined.

**Glazing system (EN 410)**  
**SG:** Clear Single Glazing.  
**DG:** Clear Double Glazing.  
**DGLE:** Clear Double Glazing Low Emissivity.  
**SCLC:** Solar Control Double Glazing Low Emissivity.  
**TG:** Triple Glazing.



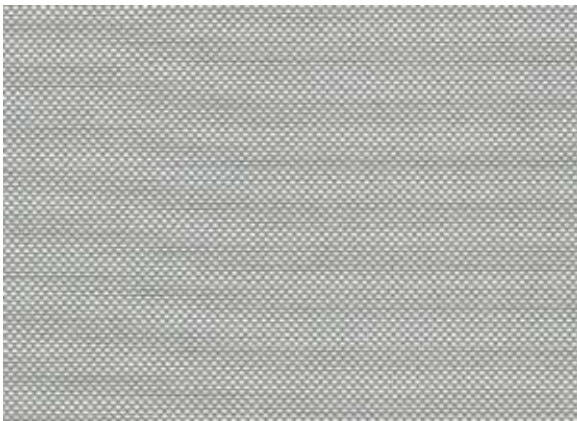
5%

2m, 2.5m & 3m  
89mm & 127mm



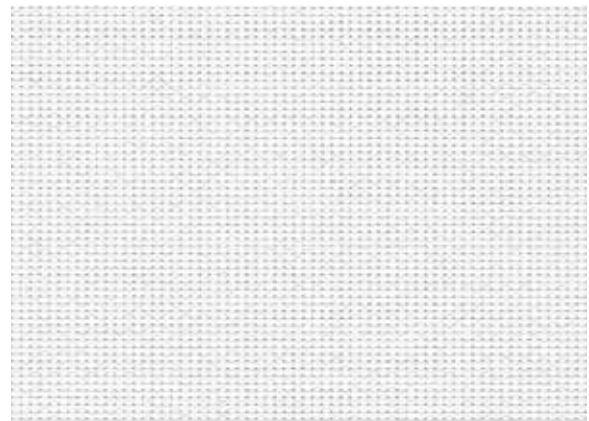
3% WHITE BACK

2m, 2.5m & 3m  
89mm & 127mm



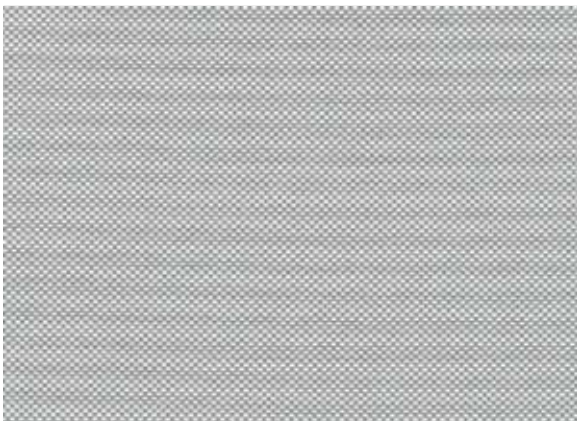
3%

2m, 2.5m & 3m  
89mm & 127mm



PERSPECTIVE PUREVIEW®  
WHITE ONLY

2m, 2.5m & 3m  
89mm & 127mm



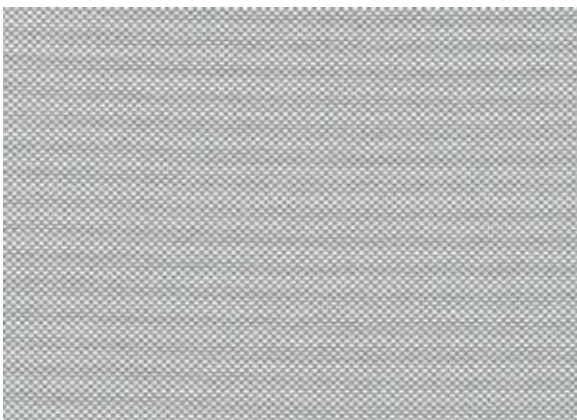
1%

2m, 2.5m & 3m  
89mm & 127mm



ALUVIEW

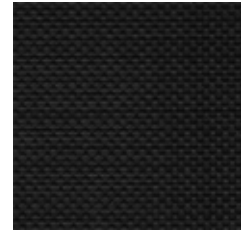
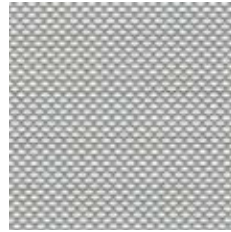
2.5m  
89mm & 127mm



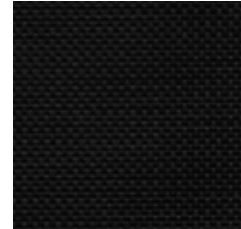
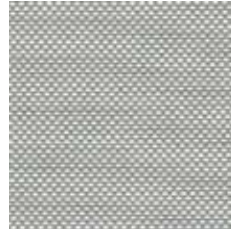
BLACKOUT

3m  
89mm & 127mm

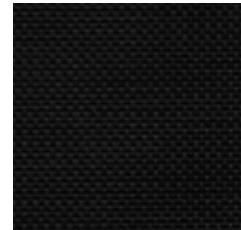
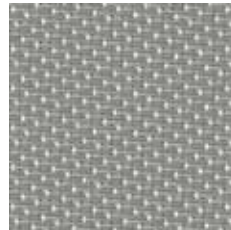
PERSPECTIVE 5%



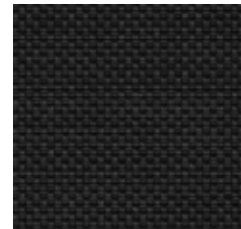
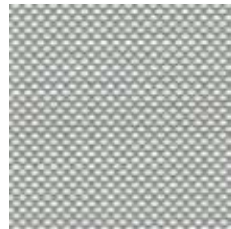
PERSPECTIVE 3%



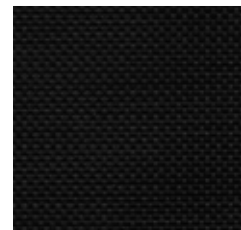
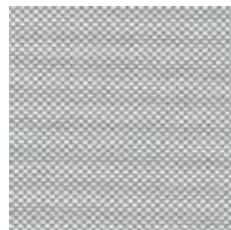
PERSPECTIVE 3% WHITE BACK



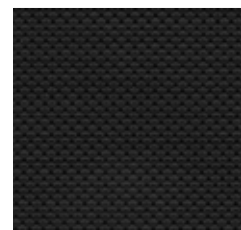
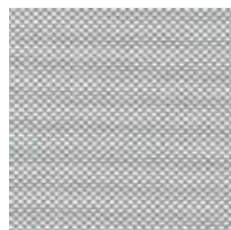
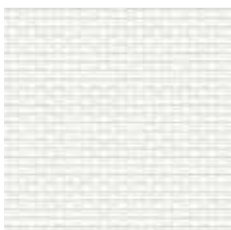
PERSPECTIVE ALUVIEW



PERSPECTIVE 1%



PERSPECTIVE BLACKOUT



White

Beige

Grey

Black

# PERSPECTIVE SCREENS

