

SOLAR, OPTICAL AND COLOUR FASTNESS PROPERTIES

SHADING CO-EFFICIENT

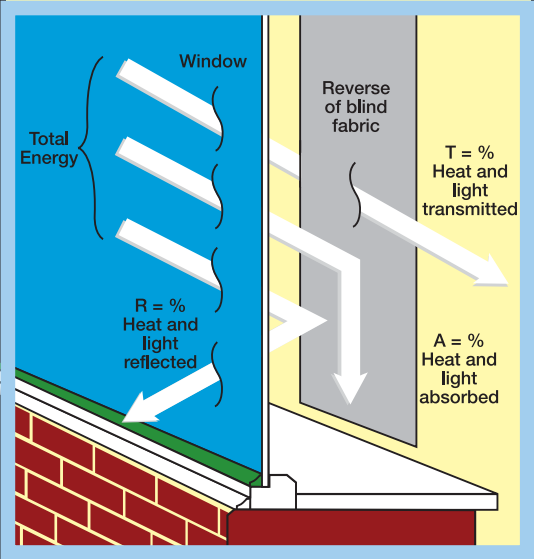
The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, therefore, the higher the efficiency of the fabric. The test results in the table below have been achieved using a single 6mm glass glazing system.

ULTRAVIOLET PROTECTION FACTOR (UPF)

The UPF protection factor states how long someone using sun protective textiles can stay in the sun without suffering skin damage. The UPF is comparable to the sun protection factor of sunscreen which can vary considerably depending on the individual skin types.

A person with a very fair complexion has a protection time of approximately 5 - 10 minutes. If they are exposed to the sun for longer without protection, they risk skin damage.

When protected by a fabric with UPF 80, this individual can extend how long they are able to stay in the sun by a factor of 80, i.e. up to a maximum of 6 to 13 hours (80 x 5 min = 400 min to 80 x 10 min = 800 min), without risking skin damage.



Ex-Lite®

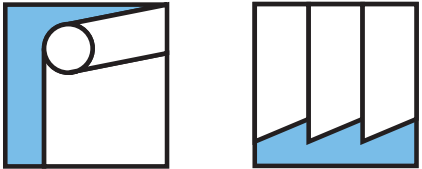
Vertical & Roller Blackout Blinds



ARCHITECTS
SPECIFIERS
CONTRACTORS

A12

Performance Fabrics



EX-LITE®	SOLAR, OPTICAL PERFORMANCE CHART									
	T _s	SOLAR		OPTICAL			SC	CF	BLACK out	UPF
		R _s	A _s	T ₀	R ₀	A ₀				
Black	0	5	95	0	5	95	0.95	6+	5	80
Bottle	0	8	92	0	9	91	0.92	6+	5	80
Burgundy	0	17	83	0	10	90	0.84	6+	5	80
Cream	0	65	35	0	74	26	0.37	6+	5	80
Light Grey	0	49	51	0	56	44	0.53	6+	5	80
Navy	0	9	91	0	6	94	0.91	6+	5	80
White	0	73	27	0	78	22	0.29	6+	5	80

T: % Transmittance R: % Reflectance A: % Absorption SC: Shading Co-efficient CF: Colour Fastness
Dim out: 1= High light penetration, 4= Low light penetration, 5= Blackout UPF: Ultraviolet Protection Factor

FIRE PROTECTION

LouvLite has submitted Ex-Lite® for testing to various FR standards. The fabric has met the standards listed below. Further information is available on request.

BS 5867 1980 Part 2 Type B | NFPA Small | AS/NZS 1530.3 - 1999

Blinds with LouvLite Performance fabrics supplied by:



CI/SfB 1976 reference by SfB Agency			
(76.7)	X		





bottle



COLOUR RANGE	7	ULTRAVIOLET PROTECTION FACTOR (UPF)	The UPF protection factor is comparable to the sun protection factor of sunscreen which can vary considerably depending on the individual skin types. When protected by a textile material with a UPF of 80, for example, this individual can extend how long they are able to stay in the sun by a factor of 80, in other words, up to a maximum of 80 x 5 min = 400 min to 80 x 10 min = 800 min, without risking damage to their skin.
LOUVRE WIDTHS AVAILABLE	89mm (3½") 127mm (5") other widths available on request	AVAILABILITY	Ex-stock
ROLLER BLIND WIDTH	1.83m (72")	FABRIC SAMPLES	Available on request
FABRIC COMPOSITION	72% pvc 28% glass fibre		
FABRIC WEIGHTS	400g/m² (11.8oz/yd²)		
FLAMMABILITY STANDARDS	Complies with BS 5867 (1980 Part 2, Type B) NFPA 701 (Small) AS/NZS 1530.3 – 1999		
COLOUR FASTNESS	Tested in accordance with BS EN ISO 105-B01:1999		
CLEANING:	Wipe clean see manufacturer's instructions		



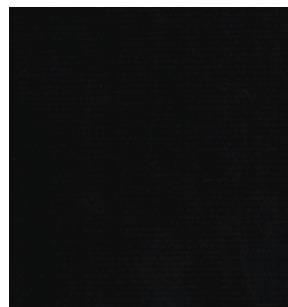
white



cream



light grey



black



navy



burgundy



vertical blind



roller blind



flame retardant



black out



suitable for moist environments



wipe clean



UV Protection Factor tested to European UV Standard 801



Colours reproduced here may vary from the actual colours due to the limitations of the printing process. Great care has been taken to ensure that the fabric swatches and the information supplied are correct, however specifiers and customers are advised to check the suitability of materials before use.

LARGER SAMPLES ARE AVAILABLE ON REQUEST.