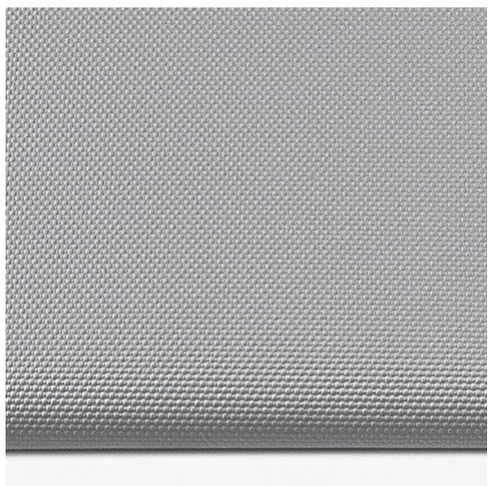
Vinyl Blackout Color Backing

Technical Data Sheet

GENERAL INFORMATION

Number of Colors	7	
Material Composition	40% Fiberglass / 60% PVC	
Width	200/300cm	78/118 in
Thickness (+/- 5%)	0,30 mm	0.0118 in
Weight (+/- 5%)	430 gr/m^2	15.04 oz/yd^2
Roll Length	30 m	32.81 yd



SPECIAL VALUES

Color Fastness to Light	7 (DIN ISO 105-B02)
Finish	Laminated
PVC Free	No
Lead Free	No
Halogen Free	Yes
Formaldehyde Free	No
Phthalates Free	No
Flame Retardancy	EN 13773-1 / DIN 4102 B1 / NFPA 701 / CA Title 19 / CAN/ULC-S109-03 / BS 5867 Part 2

Antimicrobial	Yes (ASTM G21-15)
Humid Environment	Yes
Suitable for Workstations	Yes
Manufacturing Procedure	Cold Cut
Care Instructions	Damp Cloth

SUITABLE FOR

Roller **Panel** **Vertical**

CARE & HANDLING

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the shade down until completely dry. You can also rub the fabric very gently with a clean white pencil eraser to remove small stains.

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THERMAL AND VISUAL PROPERTIES | DIN EN 410, EN ISO 52022-1, DIN EN 14501

Item Number	Color	Rs	Ts	As	Rv	Tv	Av	Tuv
43001	White	67,20%	0,10%	32,70%	78,30%	0,00%	21,70%	0,00%
43002	Ivory	67,70%	0,00%	32,30%	78,40%	0,00%	21,60%	0,00%
43003	Light Gray	47,56%	0,00%	52,44%	56,10%	0,00%	43,90%	0,00%
43004	Cream	58,09%	0,01%	41,90%	65,70%	0,00%	34,30%	0,00%
43006	Gray	31,55%	0,00%	68,45%	36,80%	0,00%	63,20%	0,00%
43008	Black	4,30%	0,00%	95,70%	4,30%	0,00%	95,70%	0,00%
43010	Champagne	56,85%	0,00%	43,15%	68,60%	0,00%	31,40%	0,00%

Rs = Solar Reflection
Rv = Light Reflection
TUV = Ultraviolet Transmittance
Tv = Light Transmittance
Av = Light Absorption
Ts = Solar Transmittance
As = Solar Absorption

		Glass type C			Glass type E			Glass type F			Glass type G		
		U_g=1,2 W/(m²K) g=0,59			U_g=0,8 W/(m²K) g=0,55			U_g= 1.1 W/(m²K) g=0,64			U_g= 1.0 W/(m²K) g=0,33		
Item Number	**Color**	**Gtot**	**Gtot Class**	**Fc**	**Gtot**	**Gtot Class**	**Fc**	**Gtot**	**Gtot Class**	**Fc**	**Gtot**	**Gtot Class**	**Fc**
43001	White	0,3487	2	0,5909	0,3420	2	0,6219	0,3573	1	0,5584	0,2533	2	0,7677
43002	Ivory	0,3470	2	0,5881	0,3406	2	0,6193	0,3554	1	0,5553	0,2528	2	0,7662
43003	Light Gray	0,4125	1	0,6992	0,3986	1	0,7248	0,4333	1	0,6771	0,2726	2	0,8261
43004	Cream	0,3783	1	0,6412	0,3683	1	0,6696	0,3926	1	0,6134	0,2623	2	0,7948
43006	Gray	0,4646	1	0,7875	0,4448	1	0,8087	0,4953	1	0,7739	0,2884	2	0,8738
43008	Black	0,5533	0	0,9378	0,5233	0	0,9515	0,6007	0	0,9386	0,3151	2	0,9549
43010	Champagne	0,3823	1	0,6480	0,3719	1	0,6761	0,3974	1	0,6209	0,2635	2	0,7985

Gtot Value = The total transmission value of solar energy through a combination of window en sun protection
FC-Value = Reduction factor (from 0-1) of the fabric concerning solar energy
Glass type C = Double glazing, with low emissivity and argon cavity
Glass type E = Triple glazing with low emissivity and argon cavity
Glass type F = Double glazing with low-emissivity coating on position 3, with 90% argon-filled spacer
Glass type G = Solar control glazing with 90% argon-filled spacer

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