Orient Blackout Color Backing

Technical Data Sheet

GENERAL INFORMATION

Number of Colors	15	
Material Composition	100% Polyester	
Width	240 cm	94.50 in
Thickness (+/- 5%)	0,47 mm	0.0185 in
Weight (+/- 5%)	280 gr/m²	11.81 oz/yd²
Roll Length	30 m	32.81 yd



SPECIAL VALUES

Color Fastness to Light	6 - 7 (DIN ISO 105-B02)
Finish	Acrylic Foam Coating
PVC Free	Yes
Lead Free	Yes
Halogen Free	Yes
Formaldehyde Free	Yes
Phthalates Free	Yes
Flame Retardancy	N/a
Fungal Resistance	N/a

Humid Environment	Yes
Suitable for Workstations	Yes
Tensile Strength in Warp	1692.39 N (ISO 13934-2)
Tensile Strength in Weft	926.18 N (ISO 13934-2)
Tearing Strength in Warp	78.52 N (ISO 13937-1)
Tearing Strength in Weft	62.01 N (ISO 13937-1)
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 use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge, soft brush or cloth. Leave the blind down until completely dry.

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REACH COMPLIANCE

CONFIDENCE IN TEXTILES
Tested for harmful substances according to Oeko-Tex® Standard 100

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LIGHT AND SOLAR PROPERTIES

Item Number	Color	EU Standard Tested to DIN EN 410						
		Rv	Tv	Av	TUV	Rs	Ts	As
155001	White	84%	0%	16%	0%	71%	0%	29%
155004	Light Gray	47%	0%	53%	0%	44%	0%	56%
155005	Sand	39%	0%	61%	0%	35%	0%	65%
155006	Dark Gray	35%	0%	65%	0%	32%	0%	68%
155007	Brown	31%	0%	69%	0%	28%	0%	72%
155009	Cream	62%	0%	38%	0%	57%	0%	43%
155032	Optical White	85%	0%	15%	0%	81%	0%	19%
155033	Thrush	44%	0%	56%	0%	39%	0%	61%
155034	Silver Fern	35%	0%	65%	0%	31%	0%	69%
155035	Toasted Nut	33%	0%	67%	0%	28%	0%	72%
155036	Gray Mist	55%	0%	45%	0%	52%	0%	48%
155037	Sand Dollar	58%	0%	42%	0%	49%	0%	51%
155038	Drizzle	39%	0%	61%	0%	36%	0%	64%
155039	Beach	38%	0%	62%	0%	33%	0%	67%
155040	Black	22%	0%	78%	0%	19%	0%	81%

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

TOTAL ENERGY PERMEABILITY DEGREE GTOT AND REDUCE FACTOR FC

GTOT: DIN EN ISO 52022-1 / FC: DIN EN 14501								
Item Number	Single glazing		Double glazing with air interspace		Double glazing with low emission degree and argon interspace		Triple glazing with low emission degree and argon interspace	
	U_g=5,8 W/(m²K) g=0,85		U_g=2,9 W/(m²K) g=0,76		U_g=1,2 W/(m²K) g=0,59		U_g=0,8 W/(m²K) g=0,55	
	Gtot	Fc	Gtot	Fc	Gtot	Fc	Gtot	Fc
155032	0,27	0,32	0,31	0,41	0,32	0,55	0,32	0,58
155038	0,56	0,66	0,56	0,74	0,48	0,82	0,46	0,84
155007	0,66	0,77	0,64	0,85	0,54	0,91	0,51	0,92

Gtot Value = The total transmission value of solar energy through a combination of window and sun protection
FC-Value = Reduction factor (from 0-1) of the fabric concerning solar energy

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