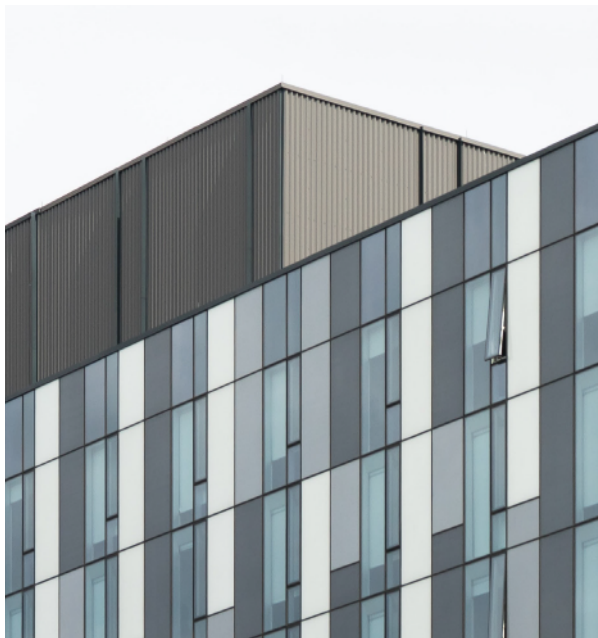
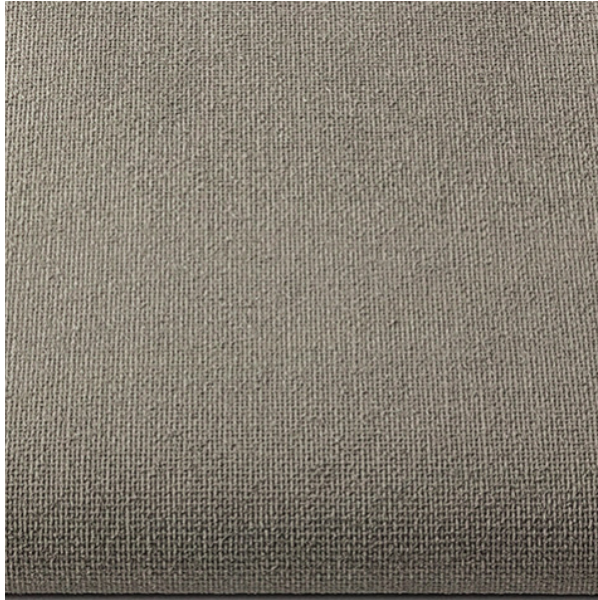


ORIENT FR

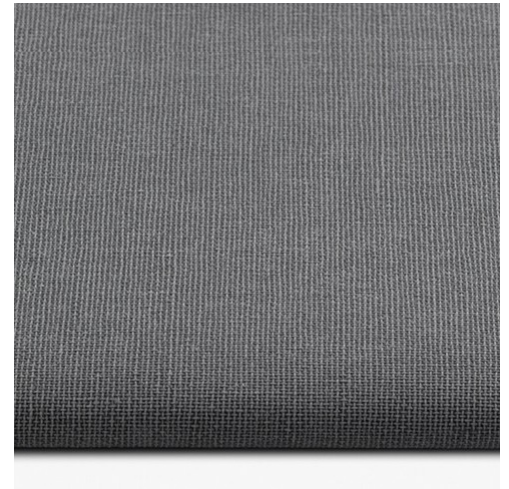
Orient FR collection offers you a minimalistic look and a rich palette of soft colors to suit any commercial space. If you need to consider fire safety as part of your window solution, the flame retardant finish gives you peace of mind. And the finishing touch: Orient FR fabrics are also available with a blackout coating, giving you the best light control in any room.

TRANSLUCENT



GENERAL INFORMATION

Number of Colors	6	
Material Composition	100% Polyester	
Width	240 / 300* cm	94.50 / 118.00* in
Thickness (+/- 5%)	0,34 mm	0.0133 in
Weight (+/- 5%)	165 gr/m ²	4.86 oz/yd ²
Roll Length	40 m	43.74 yd



SPECIAL VALUES

Color Fastness to Light	6 - 7 (DIN ISO 105-B02)
Finish	Acrylic Coating
PVC Free	Yes
Lead Free	Yes
Halogen Free	Yes
Formaldehyde Free	Yes
Phthalates Free	Yes
Flame Retardancy	NFPA 701 / DIN 4102 B1 / EN 13773-1 / California Title 19 / CAN/ULC-S109 / BS 5867 Part 2 / Classe Uno (IT)

Suitable for workstations	Yes
Tensile Strength in Warp	683.82 N (ISO 13934-2)
Tensile Strength in Weft	390.96 N (ISO 13934-2)
Tearing Strength in Warp	29.1 N (ISO 13937-1)
Tearing Strength in Weft	27.25 N (ISO 13937-1)
Manufacturing Procedure	Cold Cut / Crush Cut
Care Instructions	Damp Cloth

SUITABLE FOR



Roller



Panel



Vertical



Pleated

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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The technical data above are average values with a +/- 5% tolerance. The values quotes above represent results of standards and internal tests performed and are provided for information only to enable to make the best use of our products. Our products are subjects to technical evolutions, we remain entitled to modify the characteristics of our products at any time. Actual product color may vary slightly from colors shown on this technical data sheet.

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

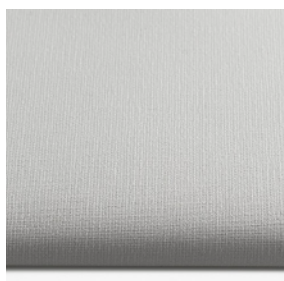
Item Number	Color	Rs	Ts	As	Rv	Tv	Av	Tuv
55002-240/300 FR	White	63,33%	27,69%	8,98%	72,80%	25,76%	1,44%	0,20
55004-240/300 FR	Light Gray	45,85%	16,58%	37,57%	50,20%	11,74%	38,06%	0,10
55009-240/300 FR	Cool	31,50%	13,36%	55,14%	11,50%	0,37%	88,13%	0,00
55011-240/300 FR	Neutral Gray	43,05%	13,29%	43,66%	25,40%	1,99%	72,61%	0,30
55026-240/300 FR	Sand	34,77%	11,01%	54,22%	36,10%	6,75%	57,15%	0,20
55029-240/300 FR	Havana Beige	52,44%	22,09%	25,47%	58,50%	18,20%	23,30%	0,30

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

Item Number	Color	Glass type C			Glass type E			Glass type F			Glass type G		
		$U_g=1,2 \text{ W/(m}^2\text{K)} \text{ } g=0,59$			$U_g=0,8 \text{ W/(m}^2\text{K)} \text{ } g=0,55$			$U_g= 1.1 \text{ W/(m}^2\text{K)} \text{ } g=0,64$			$U_g= 1.0 \text{ W/(m}^2\text{K)} \text{ } g=0,33$		
		Gtot	Gtot Class	Fc	Gtot	Gtot Class	Fc	Gtot	Gtot Class	Fc	Gtot	Gtot Class	Fc
55002-240/300 FR	White	0,3675	1	0,6229	0,3571	1	0,6494	0,3786	1	0,5915	0,2601	2	0,7881
55004-240/300 FR	Light Gray	0,4219	1	0,7150	0,4059	1	0,7381	0,4437	1	0,6933	0,2761	2	0,8366
55009-240/300 FR	Cool	0,4678	1	0,7929	0,4468	1	0,8124	0,4985	1	0,7789	0,2898	2	0,8783
55011-240/300 FR	Neutral Gray	0,4302	1	0,7292	0,4135	1	0,7519	0,4538	1	0,7090	0,2785	2	0,8439
55026-240/300 FR	Sand	0,4567	1	0,7740	0,4371	1	0,7947	0,4853	1	0,7583	0,2864	2	0,8678
55029-240/300 FR	Havana Beige	0,4017	1	0,6808	0,3877	1	0,7050	0,4194	1	0,6554	0,2702	2	0,8187

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
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

COLORS



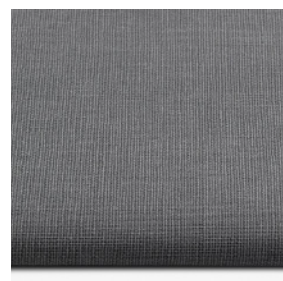
55002-240/300 FR
White



55004-240/300 FR
Light Gray



55009-240/300 FR
Cool



55011-240/300 FR
Neutral Gray



55026-240/300 FR
Sand



55029-240/300 FR
Havana Beige

Scan the QR-code for more information



Orient FR

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