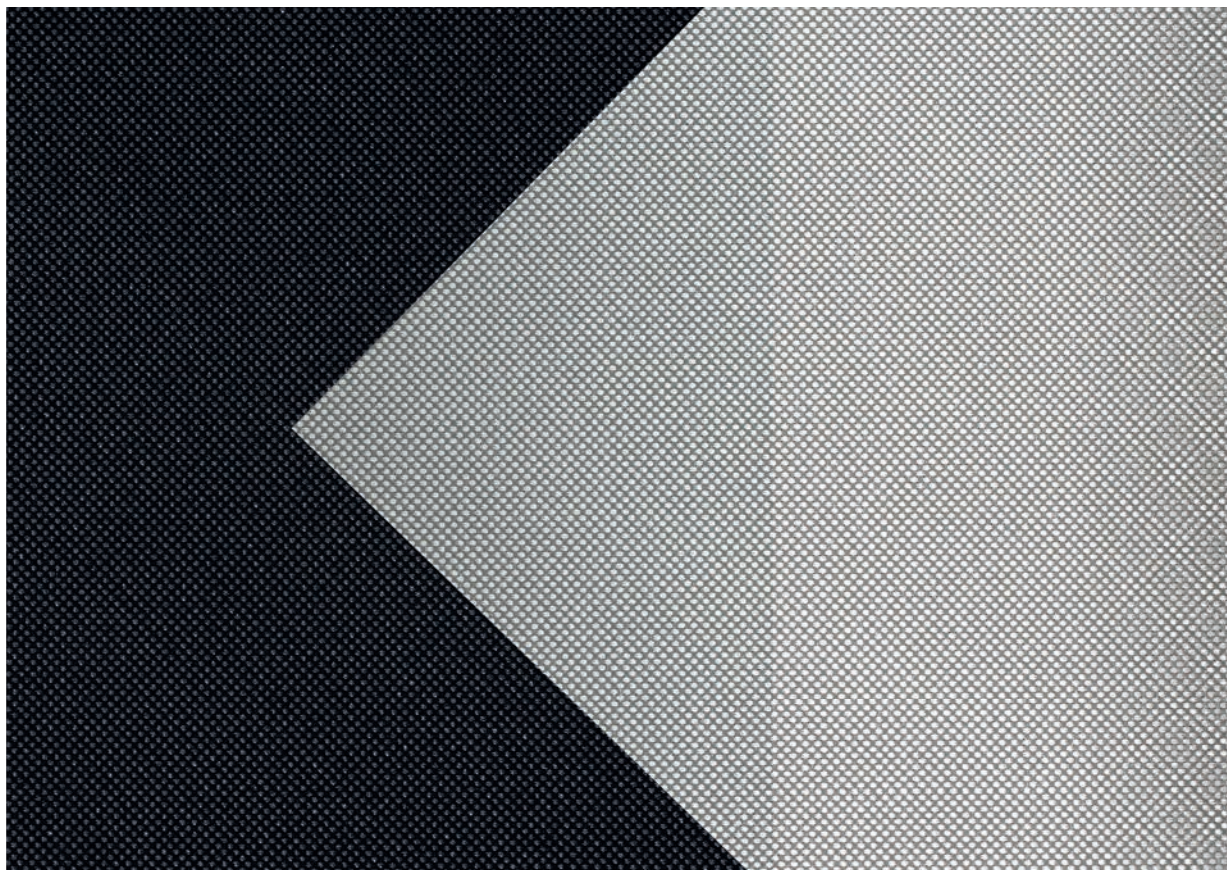


Semi transparent metallised polyester screens

# 103 ComfortScreen



Affordable and sustainable

100% PVC free

- Great view outside
- Excellent value / performance ratio
- Heat and glare control
- Easy to process
- Available in a width up to 2.8 meter



Roller blinds



Panel tracks



Flame retardant

## Optima x Verosol

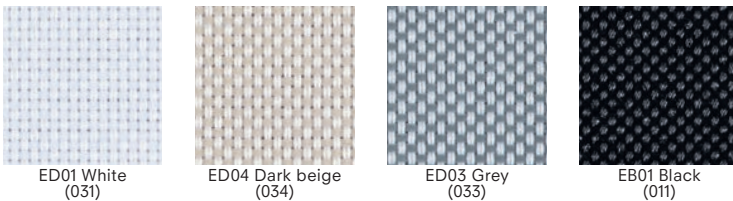
## Specification details fabrics

Composition	Polyester
Weight	250 g/m <sup>2</sup>
Thickness	0.44 mm
Fabric width	Max. 280 cm
Openness factor	3%
IR emissivity metal side	0.32
Colour fastness	ISO105-B02; exterior: 8
Flame retardant	EN 13501-1 B-s1,d0, DIN 4102 B1, NFPA 701, BS 5867 part 2 type B, EN 13773 Class 1, AS/NZS 1530.3 (0-0-0-2)
Environment	STANDARD 100 Class IV by OEKO-TEX <sup>®</sup> , HPD2.1, RoHS2, REACH, GreenGuard (LEED), GreenGuard Gold, Formaldehyde free, Halogen free, Phthalate free, Anti-microbials free, PVC free
Solar transmission	6% (Black) - 7% (White)
Solar reflection outside	62%
Light transmission	4% (Black) - 7% (White)
UV transmission	4% (Black) - 5% (White)
Colour rendering index (Ra)	99 (Except dark beige: 96)
Visual contact according to EN 14501:2021	2
Glare control rating according to EN 14501:2021	2 (White) - 3 (Other colours)

## Specification details fabrics and glazing

	Solar control double glass		Insulating double glass		Solar control triple glass		Insulating triple glass	
	Ref. glazing G performance	White / Black	Ref. glazing F performance	White / Black	Glazing I performance	White / Black	Ref. glazing H performance	White / Black
Light Transmission, LT-value	70%	6% / 3%	82%	6% / 4%	64%	5% / 3%	74%	6% / 3%
Solar heat gain, g-value / SHGC	33%	16%	65%	33%	31%	17%	53%	31%
Insulation, U-value (W/m <sup>2</sup> K)	1.0	0.76	1.1	0.80	0.6	0.51	0.7	0.59

## Colour range



Optical properties are measured according to EN 14500, ISO 9050, ASTM C1371 & EN 410. Disclaimer: The technical data is based on average data and is subject to production tolerances. The colours shown may vary from the supplied fabric due to variation in the production process. Subject to misprints, errors and technical modifications. All technical details per colour available upon request.