

OmniaScreen

High Performance Fabric



TEXSTYLE



OmniaScreen

OmniaScreen is the high-quality solar screen that will transform your building into a healthy comfort zone. OmniaScreen effectively provides natural shade, helping you create the perfect indoor climate and save on energy. With its impressive energy savings, OmniaScreen is a sustainable investment. OmniaScreen is the metalized version of our top selling 3000 NET fabric.

OmniaScreen offers fantastic view through. A PVC screen with a 2x2 basket weave, OmniaScreen has a 3% openness. This beautiful transparent screen will show the inside of your building as open and spacious, enhancing the living and working atmosphere.

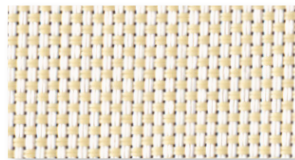
Features

- Solar reflectance up to 74%
- Healthy, phthalate-free screen
- Great value / performance ratio
- Available in 6 neutral colors
- Clear view-through and robust look and feel
- Beautiful basket weave construction
- Excellent thermal and visual comfort
- Uniform gray color always facing out regardless of the color facing the room

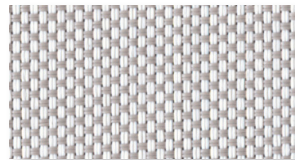
Colors



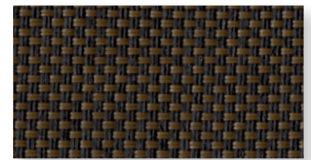
WHITE/WHITE



WHITE/BEIGE



WHITE/GRAY



CHARCOAL/



CHARCOAL/DARK



CHARCOAL/CHARCOAL

Specifications

	3%
Composition	25% Polyester, 75% PVC with Aluminum backing
Weight	13.27 oz/yd² (450 g/m²)
Thickness	0.022in (.55mm)
Colorfastness	Grade 8
Average length	33 yd/roll (30m)
Width	110" (2.8m)
Cutting	Cold Cutting and Ultrasonic Cutting
Welding	248°F (120°C) to 284°F (140°C), test first
Railroadable	Yes
Cleaning	Lightly vacuum to remove surface dust
Environmental Standards	GREENGUARD Gold, OEKO-TEX Standard 100, Environmental Product Declaration, Health Product Declaration, REACH Compliant, RoHS Compliant, ISO 14001
Fire Classifications	NFPA 701, CA Title 19, UK BS 5867 Part 2, M2

Acoustical Performance

OmniaScreen	NRC RATING*	SAA RATING*
3%	0.15	0.09

*Noise Reduction Coefficient (NRC) and Sound Absorption Average (SAA) tested to ASTM C423-17

Thermal and Optical Factors

	Glazing Performance	White/White	White/Beige	White/Gray	Charcoal/ Bronze	Charcoal/ Dark Gray	Charcoal/ Charcoal
Solar Reflection Outside		74%	73%	73%	72%	72%	72%
Light Transmission		6%	5%	5%	5%	5%	5%
Openness Factor		3-4%	3-4%	3-4%	3-4%	3-4%	3-4%
IR Emissivity (metal side)		0.14	0.15	0.15	0.15	0.15	0.15
Color Rendering Index		99	99	99	99	99	99
High Performance Glazing (reference glazing D EN14501)							
Light Transmission	60%	4%	4%	4%	4%	4%	4%
Solar Heat Gain Coefficient (SHGC)	32%	15%	15%	15%	16%	16%	16%
U-value (W/m²K)	1.1	0.8	0.8	0.8	0.8	0.8	0.8
Insulating Glazing (reference glazing C EN14501)							
Light Transmission	79%	5%	5%	4%	4%	4%	4%
Solar Heat Gain Coefficient (SHGC)	59%	27%	27%	27%	28%	28%	28%
U-value (W/m²K)	1.2	0.8	0.8	0.8	0.8	0.8	0.8

