

DUO SCREEN

DUO SCREEN SOLAR SHADE FABRIC 1% 3% OPENNESS

 **SHADES BY MATISS**



DUO Screen series is a reversible twill fabric which displays white colored yarns on one side providing advanced heat and sun deflection when street facing. Openness options are available in 1% and 3% across 2 width sizes, 98.4", and 118".
Please check ahead for availability.

DUO SCREEN

SOLAR SHADE FABRIC 1% 3% OPENNESS

SPECIFICATIONS

Openness	Code	Color	TS	RS	AS	TV	1/8" CL	1/4" CL	1/4" HA	1/2" CL	1" CL	1" HA
1%	001	White/White	20 (20)	71 (71)	10 (10)	18 (17)	0.31 (0.30)	0.31 (0.31)	0.31 (0.31)	0.29 (0.29)	0.30 (0.30)	0.24 (0.24)
1%	045	White/Brown	3 (3)	15 (50)	82 (47)	2 (2)	0.66 (0.41)	0.63 (0.41)	0.47 (0.35)	0.62 (0.40)	0.57 (0.38)	0.39 (0.29)
1%	048	White/Ash Grey	3 (3)	19 (51)	78 (46)	2 (2)	0.64 (0.41)	0.60 (0.40)	0.46 (0.35)	0.60 (0.39)	0.55 (0.38)	0.38 (0.29)
1%	049	White/Linen	14 (14)	59 (67)	27 (19)	11 (10)	0.38 (0.32)	0.38 (0.32)	0.34 (0.31)	0.36 (0.30)	0.35 (0.31)	0.27 (0.25)
1%	014	White/Black	3 (2)	10 (49)	87 (49)	2 (2)	0.69 (0.42)	0.65 (0.42)	0.49 (0.36)	0.65 (0.41)	0.59 (0.39)	0.41 (0.29)
3%	001	White/White	22 (22)	69 (68)	9 (9)	20 (20)	0.33 (0.33)	0.33 (0.33)	0.32 (0.32)	0.31 (0.31)	0.31 (0.31)	0.25 (0.25)
3%	045	White/Brown	7 (6)	15 (46)	77 (47)	6 (5)	0.67 (0.45)	0.63 (0.44)	0.48 (0.37)	0.63 (0.43)	0.57 (0.41)	0.40 (0.30)
3%	048	White/Ash Grey	8 (7)	19 (47)	74 (46)	6 (6)	0.65 (0.45)	0.61 (0.44)	0.47 (0.37)	0.61 (0.42)	0.56 (0.41)	0.39 (0.30)
3%	049	White/Linen	17 (17)	54 (63)	29 (21)	13 (13)	0.42 (0.36)	0.42 (0.36)	0.36 (0.33)	0.40 (0.34)	0.38 (0.34)	0.29 (0.26)
3%	014	White/Black	6 (5)	11 (44)	83 (50)	6 (5)	0.70 (0.46)	0.66 (0.45)	0.49 (0.38)	0.66 (0.44)	0.60 (0.42)	0.41 (0.31)

TS = Solar Transmittance
 RS = Solar Reflectance
 AS = Solar Absorptance
 TV = Visual Transmittance

1/8" CL = 1/8" Clear Glass
 1/4" CL = 1/4" Clear Glass
 1/4" HA = 1/4" Heat Absorbing Glass

Property	DUO Series 1%	DUO Series 3%
Composition	24% Polyester / 76% PVC	24% Polyester / 76% PVC
Standard Roll Length	33 yds (30 m)	33 yds (30 m)
Width	98.4" (250 cm), 118" (300 cm)	98.4" (250 cm), 118" (300 cm)
Openness Factor	Approximately 1%	Approximately 3%
UV Blockage	Approximately 99%	Approximately 97%
Weight	14.57 oz/yd ² (494 g/m ²) ±5%	13.07 oz/yd ² (443 g/m ²) ±5%
Thickness	0.0252" (0.64 mm) ±5%	0.0252" (0.64 mm) ±5%
Acoustic	NRC 0.55, SAA 0.56	NRC 0.15, SAA 0.17

Fabrication Methods

Cutting: Cold, Ultrasonic, Crush or Laser Cut
 Welding: Thermal, High-Frequency, or sewing

Care & Cleaning

Dust removal with vacuum, compressed air or soft brushing.
 Do not scrub. Wipe clean with sponge using clean water.

Fire Classifications

CALIFORNIA U.S. TITLE 19
 CAN/ULC-S109-03 SMALL FLAME TEST
 NFPA701-2019 TM#1

Anti-Microbial

Bacterial Resistance: ASTM E2180
 Fungal Resistance: ASTM G21, AATCC 30 PART 3

Color Fastness to Light

8 Grade (Xenon-Arc-Lamp, Blue Scale)

Acoustical Performance

ASTM C423

Environmental

GreenGuard, GreenGuard Gold, RoHS-Lead Free, REACH

