



M-Screen 8505

Specifications

Product Type Interior/Transparent **Width** 78" (200cm), 98.4" (250cm), 122" (310cm)
Composition 36% Fiberglass/64% Vinyl **Weight** 12.1 oz/yd² (430 g/m²) ± 5%
Breaking Strength Warp > 290 / Weft > 280 (lbs) **Thickness** .022" (0.55 mm) ± 5%
Standard Packaging Rolls of 30 ly (27 lm) **Yarn Count** Warp/56 Weft/51 (ends per inch)

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Available Colors

Openess Factor* 5% UV Blockage: Between 93% - 96%

Color #	Color	Color #	Color	Color #	Color
0121	Grey/Lotus**	0705	Pearl/Canary	3006	Charcoal/Bronze
0141	Grey/Ultramarine**	0707	Pearl/Pearl	3009	Charcoal/Mandarin
0151	Grey/Huntergreen**	0710	Pearl/Sable	3010	Charcoal/Sable
0202	White/White	0720	Pearl/Linen	3021	Charcoal/Lotus
0205	White/Canary	0721	Pearl/Lotus	3030	Charcoal/Charcoal
0207	White/Pearl	0771	Pearl/Apricot	3041	Charcoal/Ultramarine
0210	White/Sable	2020	Linen/Linen	3051	Charcoal/Huntergreen
0220	White/Linen	2022	Linen/Stone	3071	Charcoal/Apricot
0221	White/Lotus	2041	Linen/Ultramarine	3081	Charcoal/Parrot
0222	White/Stone	3001	Charcoal/Grey	3091	Charcoal/Sky

** These colors are only available in 98" width

Applications:



Roller Shades



Roman Shades



Panel Tracks



Verticals



Skylight Blinds



Tensile Structures

Fire Classifications: NFPA 701-99 TM#1, California U.S. Title 19, ASTM E-84

Fabrication Methods:

- Cutting: Cold cut, ultrasonic, crush cut or laser
- Seaming/Hemming: Thermal, high frequency, ultrasonic or sewing

Care and Cleaning: Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent*. Rinse with clean water. Leave the blind down until completely dry.

* You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

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Roller Roman Panel Skylight Tensile Shades Shades Tracks Verticals Blinds Structures

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Fenestration Properties

Openess Factor* 5%

UV Blockage: Between 93% - 96%

Number	Description	Ts	Rs	As	Tv	SC (Internal)	
						¼" CI	¼" HA
0121	Grey/Lotus	12	27	61	9	0.57	0.44
0141	Grey/Ultramarine	8	15	77	7	0.64	0.48
0151	Grey/Huntergreen	8	16	76	7	0.63	0.47
0202	White/White	20	63	17	15	0.36	0.33
0205	White/Canary	24	56	20	16	0.42	0.36
0207	White/Pearl	16	49	35	12	0.44	0.38
0210	White/Sable	20	48	32	12	0.46	0.39
0220	White/Linen	21	56	23	15	0.41	0.36
0221	White/Lotus	21	56	23	15	0.41	0.36
0222	White/Stone	22	56	22	15	0.41	0.36
0705	Pearl/Canary	19	41	40	14	0.50	0.41
0707	Pearl/Pearl	15	35	50	11	0.53	0.42
0710	Pearl/Sable	18	33	49	11	0.55	0.43
0720	Pearl/Linen	19	40	41	13	0.51	0.41
0721	Pearl/Lotus	18	40	42	13	0.50	0.41
0771	Pearl/Apricot	22	38	40	13	0.53	0.42
2020	Linen/Linen	18	51	31	12	0.44	0.37
2022	Linen/Stone	23	48	29	15	0.47	0.39
2041	Linen/Ultramarine	12	27	61	9	0.57	0.44
3001	Charcoal/Grey	6	10	84	7	0.66	0.49
3006	Charcoal/Bronze	6	7	87	7	0.68	0.50
3009	Charcoal/Mandarin	7	13	80	5	0.65	0.48
3010	Charcoal/Sable	7	12	81	7	0.65	0.49
3021	Charcoal/Lotus	8	16	76	8	0.63	0.47
3030	Charcoal/Charcoal	6	5	89	7	0.69	0.51
3041	Charcoal/Ultramarine	6	7	87	7	0.68	0.50
3051	Charcoal/Huntergreen	6	7	87	7	0.68	0.50
3071	Charcoal/Apricot	7	13	80	7	0.65	0.48
3081	Charcoal/Parrot	6	13	81	6	0.65	0.48
3091	Charcoal/Sky	5	11	84	5	0.65	0.49

* Please note that the Openess Factor is an approximation and may vary from color to color in the same fabric due to the color and manufacturing process.

The fenestration property tests were conducted by Matrix, Inc. at its Mesa, AZ solar laboratory. The samples were tested in accordance with ASHRAE Standard 741988 "Methods of Solar-Optical Properties of Materials." The solar transmittance (Ts), solar reflectance (Rs), solar absorptance (As), visible light transmittance (Tv) and Openess Factor (OF) were determined for the fabric alone. The Shading Coefficients (SC) were determined for the fabric used with a 1/4" clear plate and a 1/4" heat (H.A.) plate. The

Shading Coefficients are for the fabric hung internally unless otherwise indicated. The Ts, Rs, As and Tv are expressed as percentages. The data and calculated results are presented in the above table.