



M Screen 8505 – Specification Data

Composition	36% Fibreglass / 64% PVC
Density (ISO 7211/2)	22 x 20cm
Pattern	Natte 1 x 2
Weight per m ² (ISO 2286)	410g ± 5%
Thickness (ISO 2286)	0.55mm ± 5%
Dimensional stability Breaking strength (NF G37-103)	Warp >150daN / 5cm Weft >150 daN / 5cm
Tear Resistance (NF G07-146)	6 to10 daN/5cm
Resistance to Fold	Mini 20 daN/5cm
Colourfastness to Light (ISO 105B02)	7/8 - Excellent on all colours except white
Fire Classification	M1, FR, AWTA Tested 1530.2 & 1530.3
Width	155, 200, 250, 310cm
Making up	Welding or sewing
Recommended Maintenance	Lightly dust or vacuum. Clean with a sponge and cold water (Temp Max 30 Deg C) and mild detergent (5g / litre soap flakes). Dry in upright position with the blind down and the fabric flat. Do not rub the fabric excessively.

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Solar Protection Effectiveness of Fabric M Screen 8505

Color Number	Ts	Rs	As	Tuv	Tv	SC Internal		
						1/8" CL	1/4" CL	1/4" HA
0121 Grey/Lotus	14	26	60	9	11	0.61	0.58	0.45
0141 Grey/Ultramarine	10	15	75	9	10	0.68	0.64	0.48
0151 Grey/Hunter Green	10	15	75	9	10	0.63	0.64	0.48
0202 White/White	20	63	17	7	15	0.36	0.36	0.33
0203 White/Turquoise	16	45	39	5	10	0.48	0.47	0.39
0205 White/Canary	25	56	19	6	17	0.43	0.42	0.37
0207 White Pearl	16	49	35	7	12	0.45	0.44	0.38
0209 White/Mandarin	23	52	25	5	11	0.45	0.44	0.38
0210 White/Sable	20	48	32	4	12	0.47	0.46	0.39
0220 White/Linen	21	56	23	7	15	0.42	0.41	0.36
0222 White/Stone	22	56	22	7	15	0.42	0.41	0.36
0271 White/Apricot	26	54	20	6	16	0.44	0.44	0.37
0281 White/Parrot	21	51	28	6	17	0.45	0.44	0.38
0291 White/Sky	22	49	29	5	15	0.47	0.46	0.38
0703 Pearl/Turquoise	13	32	55	5	9	0.57	0.54	0.43
0705 Pearl/Canary	19	41	40	5	14	0.52	0.50	0.41
0707 Perle/Perle	17	35	50	7	11	0.55	0.53	0.42
0709 Pearl/Mandarin	18	38	44	4	9	0.54	0.52	0.42
0710 Pearl/Sable	18	33	49	6	11	0.57	0.55	0.43
0720 Perle/Linen	19	40	41	7	13	0.53	0.51	0.41
0721 Perle/Lotus	20	39	41	9	15	0.54	0.52	0.42
0771 Pearl/Apricot	22	38	40	6	13	0.55	0.53	0.42
0781 Pearl/Parrot	17	38	45	5	13	0.53	0.52	0.41
2020 Linen/Linen	18	51	31	7	12	0.45	0.44	0.37
2022 Linen/Stone	23	48	29	7	15	0.48	0.47	0.39
2041 Linen/Ultramarine	14	27	59	9	11	0.60	0.58	0.45
3001 Charcoal/Grey	6	7	87	7	7	0.72	0.68	0.50
3003 Charcoal/Turquoise	6	12	82	6	6	0.69	0.65	0.48
3006 Charcoal/Bronze	6	7	87	7	7	0.72	0.68	0.50
3009 Charcoal/Mandarin	7	13	80	5	5	0.68	0.65	0.48
3010 Charcoal/Sable	7	12	81	5	7	0.69	0.65	0.49
3021 Charcoal/Lotus	10	15	75	9	10	0.68	0.64	0.48
3030 Charcoal/Charcoal	6	5	89	7	7	0.73	0.69	0.51
3041 Charcoal/Ultramarine	8	6	86	9	9	0.73	0.69	0.51
3051 Charcoal/Huntergreen	8	7	85	9	9	0.72	0.69	0.50
3071 Charcoal/Apricot	7	13	80	5	7	0.68	0.65	0.48
3081 Charcoal/Parrot	6	13	81	5	6	0.68	0.65	0.48
3091 Charcoal/Sky	6	12	82	5	6	0.69	0.65	0.48

Legend:

Ts	Solar Transmittance: The ratio of solar energy passing through the fabric.
Rs	Solar Reflectance: The ratio of solar energy reflected by the fabric.
As	Solar Absorptance: The ratio of solar energy that the fabric absorbs.
Tv	Visible Transmittance: The ratio of visible solar energy passing through the fabric. It is related to the amount of glare a person receives through a glazing system.
Tuv	Visible Transmittance: The ratio of UV which passes through the fabric. This value is used as a rating to determine the product effectiveness in guarding against the fading effects of UV.
Fs	Solar Factor: The solar factor is the fraction of incident energy which penetrates through the protected window.
Sc	Shading Coefficient: Shading coefficient Sc is the ratio between the solar factors of the protected window (glazing + sunblind) and the solar factor of the glazing alone. $Sc = \frac{\text{glazing} + \text{sunblind}}{Fs \text{ (glazing)}}$
1/8" CL:	Standard clear 1/8" glass (3mm)
1/4" CL:	Standard clear 1/4" glass (6mm)
1/4" HA:	Absorbent 1/4" glass (6mm)
Sc External:	External blind.
Sc Internal:	Internal blind.