

MIDAS WINDOW FILM™ CORONA WINDOW FILM™

ARCHITECTURAL WINDOW FILM

TECHNICAL DATA SHEET



SOLAR CONTROL | UV PROTECTION | GLARE REDUCTION | ENERGY EFFICIENCY | COMMERCIAL & RESIDENTIAL

MIDAS PRODUCT NAME	EQUIVALENT SunTek	VLT %	Solar Transmission %	Solar Reflectance %	Solar Absorbance %	Visible Reflectance Ext. / Int. %	U-Value	UV Rejection %	% Glare Reduction	Shading Coefficient (SC)	Solar Heat Gain Coefficient (SHGC)	Total Solar Energy Rejected (TSER) %	IR Energy Rejection (IRER) %	Selective IR Rejection (SIRR) %	Winter Heat Loss Reduction %
ULTRA SOLAR GLAZE SERIES (Spectrally Selective, Neutral)															
Ultra Solar Glaze DS 70	ULVDS 70	69	50	22	28	20 / 9	0.90	>97	23	0.64	0.56	44	56	63	13
Ultra Solar Glaze DS 50	ULVDS 50	57	41	17	42	16 / 16	0.99	>98	37	0.62	0.53	47	53	68	5
Ultra Solar Glaze DS 40	ULVDS 40	39	27	18	55	14 / 17	1.04	>98	54	0.51	0.44	56	61	69	0
Ultra Solar Glaze EXT 50	ULV EXT 50	33	53	18	46	19 / 19	1.04	>99	42	0.58	0.50	50	57	74	0
SAPPHIRE DS SERIES (Dual-Reflective, Neutral)															
Sapphire DS 50	SVDS 50	46	41	12	47	8 / 12	1.05	>97	49	0.54	0.47	53	58	73	-4
Sapphire DS 35	SVDS 35	40	33	21	46	12 / 20	1.02	>98	55	0.54	0.47	53	58	73	2
Sapphire DS 25	SVDS 25	33	26	31	43	14 / 30	1.00	>98	64	0.44	0.38	62	65	78	4
Sapphire DS 15	SVDS 15	10	8	58	35	29 / 63	1.02	>99	89	0.20	0.18	62	84	95	2
NIGHT VIEW DS SERIES (Dual-Reflective, Neutral)															
Night View DS 35	DRDS 35	36	37	19	44	10 / 18	1.01	>97	60	0.50	0.50	50	51	63	3
Night View DS 25	DRDS 25	23	26	27	47	10 / 26	0.99	>97	74	0.45	0.39	61	59	71	5
Night View DS 15	DRDS 15	15	17	41	42	12 / 41	0.96	>98	84	0.33	0.29	71	70	81	8
TITANIUM SERIES (Sputtered, Neutral and Bronze)															
Titanium DS 50	IDS 50	60	56	10	34	9 / 11	1.07	>98	33	0.76	0.66	34	36	48	-3
Titanium DS 35	IDS 35	47	47	12	41	11 / 14	1.06	>98	48	0.66	0.57	43	43	57	-2
Titanium DS 20	IDS 20	22	20	28	52	27 / 30	1.01	>99	75	0.41	0.36	64	69	84	3
Titanium DS 35 Bronze	IDS 35 Bronze	43	32	34	34	19 / 22	0.87	>99	52	0.46	0.40	60	68	77	16
Titanium DS 20 Bronze	IDS 20 Bronze	25	16	48	36	31 / 35	0.85	>99	72	0.29	0.25	75	81	89	18
Titanium XT 35	IXT 35	50	47	13	40	11 / 14	1.04	>99	45	0.68	0.59	41	44	58	0
Titanium XT 20	IXT 20	23	20	31	49	27 / 31	1.04	>99	74	0.41	0.36	64	68	83	0
MATRIX SERIES (One Way Reflective)															
Matrix 35	MDS 35	47	47	12	41	11 / 14	1.06	>98	48	0.66	0.57	43	43	57	-2
Matrix 20	MDS 20	22	20	28	52	27 / 30	1.01	>99	75	0.41	0.36	64	69	84	3
Matrix 10	MDS 10	10	8	58	35	29 / 63	1.02	>99	89	0.20	0.18	62	84	95	2
SILVER SERIES (Reflective, Silver)															
Silver DS 35	SDS 35	26	20	48	32	49 / 50	0.88	>98	71	0.32	0.28	72	76	85	15
Silver DS 20	SDS 20	15	12	58	30	63 / 63	0.86	>99	83	0.22	0.19	81	83	92	17
Silver XT 50	SXT 50	54	42	25	33	20 / 22	1.04	>99	40	0.60	0.52	48	55	66	0
Silver XT 35	SXT 35	28	21	53	26	44 / 47	1.04	>99	69	0.33	0.29	71	75	84	0
Silver XT 20	SXT 20	15	11	66	23	61 / 64	1.04	>99	83	0.22	0.19	81	85	92	0
DECORATIVE & PRIVACY SERIES															
1070 Elastic Frost Printable	2 Mil White Matte	(NFRC measurements not meaningful due to light scattering)											N/A	N/A	N/A
White Out	White Out	(NFRC measurements not meaningful due to light scattering)											N/A	N/A	N/A
Black Out	Black Out	0	0	6	94	7 / 6	1.05	>99	>99	0.35	0.30	70	N/A	N/A	-1
OMEGA & ANTI-GRAFFITI SERIES (Low Reflective, High Performance)															
Omega PS 7	DRMPS 7	7	8	56	36	17 / 61	0.89	>99	92	0.19	0.17	83	82	92	14
Omega DS 7	DRMDS 7	7	8	57	35	17 / 62	0.93	>99	92	0.20	0.17	83	83	92	11
Omega LRDS 10	LRDS 10	7	14	26	60	11 / 11	0.95	>99	42	0.35	0.31	69	70	82	9
Omega Black PS 7	DRMPS 7 (Black)	7	8	56	36	17 / 61	0.89	>99	92	0.19	0.17	83	82	92	14
Omega Black DS 7	DRMDS 7 (Black)	7	8	57	35	17 / 62	0.93	>99	92	0.20	0.17	83	83	92	11
Omega Black LRDS 10	LRDS 10 (Black)	7	14	26	60	11 / 11	0.95	>99	42	0.35	0.31	69	70	82	9
SKYDARK N/R SERIES (Non-Reflective, Neutral)															
SkyDark N/R 05	N/R 05	5	6	7	33	6 / 6	0.88	>99	94	0.18	0.15	81	80	90	12
SkyDark N/R 25	N/R 25	25	22	8	33	8 / 8	0.96	>99	72	0.39	0.33	69	68	79	8
SkyDark N/R 35	N/R 35	35	30	9	33	9 / 9	1.01	>99	61	0.48	0.41	60	59	71	5
ANTI-GRAFFITI SERIES															
4M Anti-Graffiti	4M Anti-Graffiti	89	82	9	9	10 / 9	1.07	>96	1	0.97	0.85	15	N/A	N/A	-3
6M Anti-Graffiti	6M Anti-Graffiti	89	81	9	10	10 / 10	1.07	>99	1	0.97	0.84	16	N/A	N/A	-3

MIDAS EXPORT USA CORP.
Exclusive Distributor of Midas Window Film & Corona Window Film

Technical data based on SunTek Architectural Window Film Specifications.
Values are reference data and should be validated for Midas products.