



RESIDENTIAL & COMMERCIAL FILM SPECIFICATIONS on 1/8" Clear Glass

Johnson Window Films' solar control flat glass films on clear glass reject 99% or more of harmful UV rays.

FILM TYPE	COLOR	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE Exterior Interior		SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U-FACTOR NFRC	SOLAR ABSORPTION	GLARE REDUCTION
CLEAR GLASS	clear	89%	14%	8%	8%	0.99	0.86	1.04	10%	0%

SUN 70	natural	67%	50%	19%	17%	0.58	0.50	1.01	34%	25%
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IR REJECTION

88%

NIR: 780-2500

NS 35	neutral	36%	50%	17%	11%	0.57	0.50	1.02	43%	60%
NS 25	neutral	24%	65%	33%	16%	0.40	0.35	.96	44%	73%
NS 15	neutral	14%	72%	40%	11%	0.33	0.28	.95	45%	84%
NS 07	neutral	8%	73%	39%	7%	0.31	0.27	.97	48%	91%
NS 05	neutral	6%	69%	12%	12%	0.36	0.31	.98	61%	94%

SV 50	neutral	50%	44%	16%	12%	0.65	0.56	1.07	40%	44%
SV 35	neutral	36%	58%	26%	17%	0.49	0.42	1.01	46%	60%
SV 25	neutral	27%	67%	38%	25%	0.38	0.33	1.01	42%	70%
SV 10	neutral	8%	82%	58%	25%	0.21	0.18	1.03	41%	91%
SV 50 EXT*	neutral	45%	50%	19%	13%	0.57	0.50	1.04	44%	49%
SV 25 EXT*	neutral	29%	66%	36%	23%	0.39	0.34	1.04	39%	67%
SV 10 EXT*	neutral	9%	82%	56%	24%	0.21	0.18	1.04	36%	90%

* Designed for exterior (EXT) use only.

DN 60	neutral	63%	30%	11%	9%	0.81	0.70	1.10	29%	29%
DN 50	neutral	49%	39%	14%	11%	0.70	0.61	1.10	39%	45%
DN 35	neutral	37%	45%	18%	16%	0.63	0.55	1.10	43%	58%
DN 20	neutral	22%	60%	26%	26%	0.46	0.40	1.08	52%	75%
DN 15	neutral	18%	62%	19%	16%	0.44	0.38	1.08	64%	80%
DN 35 EXT*	neutral	37%	49%	16%	18%	0.60	0.51	1.04	48%	59%
DN 20 EXT*	neutral	22%	63%	26%	26%	0.43	0.37	1.04	54%	75%

* Designed for exterior (EXT) use only.

SB 30	bronze	33%	66%	27%	24%	0.39	0.34	.98	36%	63%
SB 20	bronze	20%	77%	37%	34%	0.26	0.23	.97	35%	77%

SS 35	silver	35%	65%	40%	39%	0.41	0.35	.96	35%	61%
SS 20	silver	19%	77%	57%	57%	0.26	0.23	.95	34%	79%
SS 35 EXT*	silver	35%	64%	40%	38%	0.41	0.36	1.04	30%	61%
SS 20 EXT*	silver	20%	75%	52%	49%	0.28	0.25	1.04	31%	78%

* Designed for exterior (EXT) use only.

MBL 35	blue silver	35%	50%	11%	18%	0.57	0.50	1.04	46%	61%
MBL 20	blue silver	19%	68%	21%	42%	0.37	0.32	.96	50%	78%
MGN 35	green silver	35%	48%	9%	15%	0.59	0.52	1.05	48%	61%
MGN 20	green silver	19%	68%	18%	41%	0.37	0.32	.96	53%	79%
MGD 35	gold silver	32%	65%	35%	39%	0.40	0.35	.97	38%	64%
MGD 20	gold silver	17%	77%	50%	57%	0.26	0.23	.95	38%	81%

UV CLR	clear	91%	12%	8%	8%	1.01	0.88	1.10	6%	0%
WHTFST*	whitel	75%	24%	18%	19%	0.88	0.76	1.10	11%	16%
BLKOUT	black	0%	70%	6%	6%	0.36	0.30	1.10	93%	100%

* White Frost does not have a recommendation from the Skin Cancer Foundation.

SUNLIGHT

SPECTRALLY-SELECTIVE CLEAR SOLAR PROTECTION

NightScape

DUAL REFLECTIVE, NON-SPUTTERED FILMS

ScenicView

DUAL REFLECTIVE, NON-FADING FILMS

DaylightNatural

NEUTRAL, NON-FADING SPUTTERED FILMS

Sunset Bronze

COPPER, NON-FADING SPUTTERED FILMS

Solar Silver

SILVER, NON-FADING METALLIZED FILMS

Architectural

COLOR METALLIZED SOLAR CONTROL FILMS

Specialty Series

DECORATIVE SPECIAL APPLICATION FILMS



The Skin Cancer Foundation recommends this product as an effective UV protectant.

All Johnson Window Films are protected by CST™ scratch resistant hardcoat.

Solar specifications represent film mounted to 1/8" (3mm) clear glass.

Tests, equipment and methods according to ASTM, ANSI and NFRC standards. Calculations performed using Lawrence Berkeley Lab's Optics/Window 6. Values expressed hereof are typical and provided for comparative purposes only. Johnson Window Films film specifications can be verified through the International Glazing Database (IGDB).



Johnson Window Films

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