



# 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		SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	U-FACTOR NFRC	SOLAR ABSORPTION	GLARE REDUCTION
				Exterior	Interior					
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%
--------	---------	-----	-----	-----	-----	------	------	------	-----	-----

IR REJECTION

88%

NIR: 780-2500

PD 60	natural	59%	40%	11%	9%	0.69	0.60	1.09	39%	34%
PD 50	natural	50%	48%	13%	11%	0.60	0.52	1.08	44%	44%
PD 40	natural	42%	54%	16%	14%	0.52	0.46	1.07	48%	53%

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%

\* New and Improved.

SV 50	neutral	50%	44%	16%	12%	0.65	0.56	1.07	40%	44%
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 50	bronze	54%	47%	16%	14%	0.60	0.53	1.00	30%	39%
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%

## SUNLIGHT

SPECTRALLY-SELECTIVE CLEAR SOLAR PROTECTION

## Palisade

PREMIUM CERAMIC 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

## Specialty Series

COLOR METALLIZED SOLAR CONTROL 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

Manufactured by Johnson Laminating & Coating, Inc.  
Carson, California USA

[www.johnsonwindowfilms.com](http://www.johnsonwindowfilms.com)

