



# EXTERIOR FILMS

SOLAR CONTROL EXTERIOR APPLICATION FILMS

## 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	FADING REDUCTION	IRER   SIRR REJECTION 780-2500 nm		HEAT LOAD REDUCTION RATINGS
				Exterior	Interior									
CLEAR GLASS	clear	89%	14%	8%	8%	0.99	0.86	1.04	10%	0%	—	N/A	N/A	not rated
PD 75 EXT	neutral	76%	40%	8%	9%	0.69	0.60	1.04	49%	10%	—	—	—	not rated
DN 35 EXT	neutral	37%	49%	16%	18%	0.60	0.51	1.04	48%	59%	68%	41%	53%	not rated
DN 20 EXT	neutral	22%	63%	26%	26%	0.43	0.37	1.04	54%	75%	75%	59%	74%	★★★★☆
SS 35 EXT	neutral	35%	64%	40%	38%	0.41	0.36	1.04	30%	61%	72%	70%	80%	★★★★☆
SS 20 EXT	neutral	20%	75%	52%	49%	0.28	0.25	1.04	31%	78%	78%	79%	88%	★★★★☆
SV 50 EXT	neutral	45%	50%	19%	13%	0.57	0.50	1.04	44%	49%	66%	55%	69%	★★★★☆
SV 25 EXT	neutral	29%	66%	36%	23%	0.39	0.34	1.04	39%	67%	74%	70%	82%	★★★★☆
SV 10 EXT	neutral	9%	82%	56%	24%	0.21	0.18	1.04	36%	90%	83%	84%	94%	★★★★☆



The Skin Cancer Foundation recommends Johnson Window Films products as effective UV protectants.

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.

Only the user is aware of the conditions in which the product will be used. It is the user's responsibility to determine if the product is suitable for use.



**Johnson® Window Films**

Manufactured by Johnson Laminating & Coating, Inc.  
An ISO 9001:2015 Certified Company

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