



# Film Specifications

RESIDENTIAL AND COMMERCIAL FILMS  
on 1/8 inch clear glass



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

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

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

\*These films are designed for exterior (EXT) use only.

## DaylightNatural<sup>®</sup>

NEUTRAL, NON-FADING SPUTTERED FILMS

<b>SB 50</b>	bronze	54%	47%	16%	14%	0.60	0.53	1.00	30%	39%
<b>SB 30</b>	bronze	33%	66%	27%	24%	0.39	0.34	.98	36%	63%
<b>SB 20</b>	bronze	20%	77%	37%	34%	0.26	0.23	.97	35%	77%

## Sunset Bronze<sup>®</sup>

COPPER, NON-FADING SPUTTERED FILMS

<b>SS 35</b>	silver	35%	65%	40%	39%	0.41	0.35	.96	35%	61%
<b>SS 20</b>	silver	19%	77%	57%	57%	0.26	0.23	.95	34%	79%
<b>SS 35 EXT*</b>	silver	35%	64%	40%	38%	0.41	0.36	1.04	30%	60%
<b>SS 20 EXT*</b>	silver	20%	75%	52%	49%	0.28	0.25	1.04	31%	77%

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## Solar Silver<sup>®</sup>

SILVER, NON-FADING METALLIZED FILMS

<b>SV 40</b>	dual reflective	50%	44%	16%	12%	0.65	0.56	1.07	40%	44%
<b>SV 30</b>	dual reflective	27%	67%	38%	25%	0.38	0.33	1.01	42%	70%
<b>SV 10</b>	dual reflective	8%	82%	58%	25%	0.21	0.18	1.03	41%	91%
<b>SV 40 EXT*</b>	dual reflective	45%	50%	19%	13%	0.57	0.50	1.04	44%	49%
<b>SV 30 EXT*</b>	dual reflective	29%	66%	36%	23%	0.39	0.34	1.04	39%	68%
<b>SV 10 EXT*</b>	dual reflective	9%	82%	56%	24%	0.21	0.18	1.04	36%	90%

\*These films are designed for exterior (EXT) use only.

## ScenicView<sup>®</sup>

DUAL REFLECTIVE, NON-FADING FILMS

<b>NS 35</b>	dual reflective	36%	50%	17%	11%	0.57	0.50	1.02	43%	60%
<b>NS 25</b>	dual reflective	28%	51%	16%	8%	0.56	0.49	1.04	47%	69%
<b>NS 15</b>	dual reflective	17%	52%	14%	6%	0.55	0.48	1.04	54%	81%
<b>NS 05</b>	dual reflective	6%	69%	12%	12%	0.36	0.31	.98	61%	94%

## NightScape<sup>®</sup>

DUAL REFLECTIVE, NON-SPUTTERED FILMS

## Palisade<sup>®</sup>

PREMIUM CERAMIC SOLAR PROTECTION

<b>PD 55</b>	natural	59%	40%	11%	9%	0.69	0.60	1.09	39%	34%	62%
<b>PD 45</b>	natural	50%	48%	13%	11%	0.60	0.52	1.08	44%	44%	71%
<b>PD 35</b>	natural	42%	54%	16%	14%	0.52	0.46	1.07	48%	53%	78%

† NIR: 780-2500nm range

IR REJECTION<sup>†</sup>

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

## Architectural<sup>™</sup>

COLOR METALLIZED SOLAR CONTROL FILMS

All of Johnson Window Films are protected by CST<sup>™</sup> scratch resistant hardcoat.

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

Tests, equipment and methods are in accordance with ASTM, ANSI and NFRC standards. Calculations performed using L.B.L. 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).



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



**Johnson Window Films**

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