



# InsulatIR<sup>®</sup>

SUPERIOR INFRARED REJECTION

## FILM SPECIFICATIONS on 1/4" Clear Glass

All of Johnson Automotive Window Films reject 99% or more of harmful UV rays.

FILM TYPE	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	GLARE REDUCTION	FADING REDUCTION
CLEAR GLASS	88%	18%	8%	0.94	0.82	0%	N/A

<b>IR 85</b>	82%	31%	9%	0.78	0.69	7%	52%
<b>IR 80</b>	76%	42%	8%	0.67	0.58	14%	56%
<b>IR 70</b>	66%	50%	7%	0.56	0.50	25%	61%
<b>IR 45</b>	42%	46%	6%	0.61	0.54	52%	66%
<b>IR 35</b>	32%	50%	6%	0.58	0.50	63%	69%
<b>IR 20</b>	17%	54%	5%	0.52	0.46	81%	74%
<b>IR 05</b>	6%	56%	5%	0.50	0.44	93%	77%

**IRER** | **SIRR**

43%	60%
55%	80%
64%	93%
55%	79%
55%	79%
55%	79%
56%	80%

780–2500nm range



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

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

Laws governing automotive window tinting are strictly enforced. Please stay within legal boundaries.

**Solar specifications represent film mounted to 1/4" (6mm) 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)