

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

RENEGADE™
UNIVERSAL BLACK NON-REFLECTIVE FILMS

FILM TYPE	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	GLARE REDUCTION
RN 50	51%	31%	7%	0.80	0.69	44%
RN 35	35%	35%	6%	0.76	0.65	62%
RN 20	21%	39%	5%	0.71	0.61	77%
RN 05	6%	43%	5%	0.66	0.56	93%

MARATHON™
UNIVERSAL BLACK HIGH-PERFORMANCE FILMS

FILM TYPE	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	GLARE REDUCTION
MN 45	46%	42%	8%	0.67	0.58	49%
MN 35	37%	43%	7%	0.66	0.57	59%
MN 30	30%	45%	6%	0.64	0.55	67%
MN 20	20%	49%	5%	0.58	0.50	78%
MN 15	17%	55%	6%	0.52	0.45	81%
MN 05	5%	60%	6%	0.47	0.40	95%

INSULATIR™
PREMIUM CERAMIC SOLAR PROTECTION

FILM TYPE	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	GLARE REDUCTION	IR REJECTION
IR 70	71%	32%	10%	0.78	0.68	22%	47%
IR 60	60%	41%	11%	0.68	0.59	34%	60%
IR 50	50%	49%	12%	0.60	0.52	45%	70%
IR 40	42%	54%	14%	0.54	0.46	54%	76%
IR 30	31%	61%	17%	0.46	0.40	66%	85%

Ray Guard™
NON-REFLECTIVE WINDOW FILMS

FILM TYPE	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	GLARE REDUCTION
CH 50	49%	32%	6%	0.79	0.68	46%
CH 35	35%	37%	6%	0.73	0.63	62%
CH 20	21%	40%	5%	0.69	0.60	77%
CH 15	15%	43%	5%	0.66	0.57	84%
CH 05	7%	45%	5%	0.64	0.55	92%

GREYSTONE™
PREMIUM METAL-FREE WINDOW FILMS

FILM TYPE	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	GLARE REDUCTION
GSN 50	48%	35%	7%	0.76	0.66	47%
GSN 40	39%	36%	6%	0.74	0.64	57%
GSN 30	31%	37%	6%	0.73	0.63	66%
GSN 20	18%	42%	6%	0.68	0.58	80%
GSN 10	10%	42%	5%	0.67	0.58	89%

Silhouette™
HIGH-PERFORMANCE WINDOW FILMS

FILM TYPE	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	GLARE REDUCTION
SP 45	47%	43%	13%	0.66	0.57	48%
SP 40	40%	44%	8%	0.64	0.56	56%
SP 35	34%	52%	10%	0.56	0.48	63%
SP 25	25%	53%	8%	0.55	0.47	73%
SP 20	22%	55%	8%	0.53	0.45	76%
SP 15	16%	55%	6%	0.52	0.45	82%
SP 05	6%	58%	7%	0.49	0.42	93%

Executive™ Series
NON-FADING NEUTRAL WINDOW FILMS

FILM TYPE	VISIBLE LIGHT TRANSMISSION	SOLAR ENERGY REJECTION	VISIBLE LIGHT REFLECTANCE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT	GLARE REDUCTION
ES 60	59%	36%	10%	0.74	0.64	35%
ES 50	50%	43%	12%	0.66	0.57	45%
ES 35	37%	50%	16%	0.58	0.50	59%
ES 21	22%	60%	17%	0.46	0.40	76%
ES 15	18%	63%	18%	0.43	0.37	80%

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

Please stay within the boundary of the laws governing automobile window tinting in your state.

Solar specifications testing performed on 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 OpticsWindow 5.2. Values expressed hereof are typical and provided for comparative purposes only.



Johnson Window Films

Manufactured by Johnson Laminating & Coating, Inc.
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www.johnsonwindowfilms.com



AUTO FILM SPECS

