



Galaxie™

For a look that's out of this world.

FAST FACTS:

- Non-reflective, color-stable
- Optical clarity for unaltered vision
- Electronic signal-friendly: GPS, satellite, AM radio, cellular and TPM systems
- Impressive solar heat rejection and glare reduction
- Superior ultraviolet protection
- Scratch-resistant coating extends "new" look

WARRANTY:

- Limited lifetime transferable
- Replacement product and labor
- National dealer network



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PERFORMANCE SPECS:

Galaxie™	50	45	35	30	20	12	5
% Visible light transmittance	52	45	37	31	20	13	5
% Visible light applied to auto glass	44	38	32	27	17	11	4
% Total solar energy rejected	31	34	35	38	40	43	44
% Total solar energy rejected applied to auto glass	48	50	52	53	55	57	59
% Ultraviolet blocked (300 to 380 nanometers)	>99	>99	>99	>99	>99	>99	>99
% Infrared energy rejected (IRER)	22	25	22	25	23	25	23
% Selective infrared rejection (SIRR)	15	17	16	19	18	18	18
% Glare reduction	41	49	58	65	77	86	95
% Visible light reflectance	6	6	6	5	5	5	5
Sun Protection Factor	285+	285+	285+	285+	285+	285+	285+

Performance results are calculated using NFRC methodology and LBNL Window software, and are subject to variations within industry standards and only intended for estimating purposes. This data is provided for informational purposes only and subject to normal manufacturing variances.

Performance results based on film applied to a representative automotive glass with a base visible light transmission of 75%. Due to variations in glass performance, these values should not be used to comply with local tinting laws.

SOLAR ENERGY TECHNICAL DEFINITIONS

VISIBLE LIGHT TRANSMITTANCE (VLT)

The percent of total visible light that is transmitted through the window film/glass system. The lower the number, the less visible light transmitted.

TOTAL SOLAR ENERGY REJECTED (TSER)

The percent of total solar energy that is directly reflected and absorbed and radiated outwards. The higher the number, the more total solar energy rejected. Calculated as 1-SHGC (Solar Heat Gain Coefficient).

ULTRAVIOLET LIGHT BLOCKED

The percent of invisible light blocked between 300 nm and 380 nm. The higher the number, the more ultraviolet light blocked. This light is a primary cause of skin cancer, fading and discoloration of furnishings, and materials. Solar Gard window films block more than 99% of both UVA and UVB.

INFRARED ENERGY REJECTION (IRER)

The percent of infrared energy (780 nm to 2500 nm) that is directly reflected and absorbed and radiated outwards. Calculated as 1 - SHGC (780 nm to 2500 nm) using Lawrence Berkeley National Laboratory (LBNL) Window software and NFRC 200 solar spectrum from 780 nm to 2500 nm. The higher the number, the more infrared energy is reflected and absorbed and released outwards. IRER is the endorsed calculation method of IWFA.

SELECTIVE INFRARED REJECTION (SIRR)

The percent of "film only" transmitted infrared energy (780 nm to 1700 nm) measured using the Solar Spectrum Transmission Meter (model # SS2450). The higher the number, the less infrared directly transmitted.

GLARE REDUCTION

The percent of glare that is reduced by window film/glass system compared to untreated glass. The higher the number, the more glare reduced.

VISIBLE LIGHT REFLECTANCE

The percent of total visible light that is reflected by the window film/glass system. The lower the number, the less visible light reflected.

www.solargard.com

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