



HP Supreme

It's all about performance.

FAST FACTS:

- High performance, metal hybrid, color-stable
- Optical clarity for unaltered vision
- Excellent solar heat and glare rejection
- Superior ultraviolet protection
- Scratch-resistant coating extends "new" look

WARRANTY:

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



HP Supreme	42	35	30	22	16	10	4
% Visible light transmittance	44	35	31	25	17	9	5
% Visible light applied to auto glass	37	29	26	21	14	8	4
% Total solar energy rejected	44	45	49	48	50	53	55
% Total solar energy rejected applied to auto glass	54	56	57	58	59	61	63
% Ultraviolet blocked (300 to 380 nanometers)	>99	>99	>99	>99	>99	>99	>99
% Infrared energy rejected (IRER)	44	44	48	46	45	46	48
% Selective infrared rejection (SIRR)	49	44	56	51	54	56	61
% Glare reduction	51	61	65	72	81	89	94
% Visible light reflectance	10	8	9	7	6	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

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.

