1/4” Clear Glass

% Visible light transmittance	89
% Total solar energy rejected	18
% Ultraviolet blocked (300 to 380 nanometers)	34
% Infrared energy rejected (IRER)	23
% Selective infrared rejection (SIRR)	22
% Glare reduction	N/A
% Visible light reflectance	9

SolarGard®
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Endeavor 70

Endeavor Window Film Series from Solar Gard offers drivers a durable combination of sleek looks and consistent comfort. This new carbon-based line introduces a wide range of available shades, with our signature black hue that enhances the appeal of every vehicle exterior. Boasting clear transmission of cellular and other data signals, Endeavor also blocks more than 99% of harmful UV rays to shield passengers from skin damage and vehicle interiors from premature fading.

% Visible light transmittance	68
% Visible light transmittance applied to auto glass[1]	58
% Total solar energy rejected	35
% Ultraviolet blocked (300 to 380 nanometers)	>99
% Infrared energy rejected (IRER)	42
% Selective infrared rejection (SIRR)	43
% Glare reduction	23
% Visible light reflectance	8
Sun Protection Factor	285+

Solar Gard®
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Endeavor 50

Endeavor Window Film Series from Solar Gard offers drivers a durable combination of sleek looks and consistent comfort. This new carbon-based line introduces a wide range of available shades, with our signature black hue that enhances the appeal of every vehicle exterior. Boasting clear transmission of cellular and other data signals, Endeavor also blocks more than 99% of harmful UV rays to shield passengers from skin damage and vehicle interiors from premature fading.

% Visible light transmittance	48
% Visible light transmittance applied to auto glass[1]	40
% Total solar energy rejected	43
% Ultraviolet blocked (300 to 380 nanometers)	>99
% Infrared energy rejected (IRER)	46
% Selective infrared rejection (SIRR)	52
% Glare reduction	46
% Visible light reflectance	6
Sun Protection Factor	285+

Solar Gard®
SAINT-GOBAIN

Endeavor 45

Endeavor Window Film Series from Solar Gard offers drivers a durable combination of sleek looks and consistent comfort. This new carbon-based line introduces a wide range of available shades, with our signature black hue that enhances the appeal of every vehicle exterior. Boasting clear transmission of cellular and other data signals, Endeavor also blocks more than 99% of harmful UV rays to shield passengers from skin damage and vehicle interiors from premature fading.

% Visible light transmittance	42
% Visible light transmittance applied to auto glass[1]	36
% Total solar energy rejected	45
% Ultraviolet blocked (300 to 380 nanometers)	>99
% Infrared energy rejected (IRER)	47
% Selective infrared rejection (SIRR)	55
% Glare reduction	52
% Visible light reflectance	6
Sun Protection Factor	285+

Solar Gard®
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Endeavor 35

Endeavor Window Film Series from Solar Gard offers drivers a durable combination of sleek looks and consistent comfort. This new carbon-based line introduces a wide range of available shades, with our signature black hue that enhances the appeal of every vehicle exterior. Boasting clear transmission of cellular and other data signals, Endeavor also blocks more than 99% of harmful UV rays to shield passengers from skin damage and vehicle interiors from premature fading.

% Visible light transmittance	36
% Visible light transmittance applied to auto glass[1]	30
% Total solar energy rejected	47
% Ultraviolet blocked (300 to 380 nanometers)	>99
% Infrared energy rejected (IRER)	48
% Selective infrared rejection (SIRR)	58
% Glare reduction	59
% Visible light reflectance	6
Sun Protection Factor	285+

Solar Gard®
SAINT-GOBAIN

Endeavor 30

Endeavor Window Film Series from Solar Gard offers drivers a durable combination of sleek looks and consistent comfort. This new carbon-based line introduces a wide range of available shades, with our signature black hue that enhances the appeal of every vehicle exterior. Boasting clear transmission of cellular and other data signals, Endeavor also blocks more than 99% of harmful UV rays to shield passengers from skin damage and vehicle interiors from premature fading.

% Visible light transmittance	30
% Visible light transmittance applied to auto glass[1]	25
% Total solar energy rejected	49
% Ultraviolet blocked (300 to 380 nanometers)	>99
% Infrared energy rejected (IRER)	49
% Selective infrared rejection (SIRR)	62
% Glare reduction	66
% Visible light reflectance	6
Sun Protection Factor	285+

Solar Gard®
SAINT-GOBAIN

Endeavor 20

Endeavor Window Film Series from Solar Gard offers drivers a durable combination of sleek looks and consistent comfort. This new carbon-based line introduces a wide range of available shades, with our signature black hue that enhances the appeal of every vehicle exterior. Boasting clear transmission of cellular and other data signals, Endeavor also blocks more than 99% of harmful UV rays to shield passengers from skin damage and vehicle interiors from premature fading.

% Visible light transmittance	22
% Visible light transmittance applied to auto glass[1]	19
% Total solar energy rejected	52
% Ultraviolet blocked (300 to 380 nanometers)	>99
% Infrared energy rejected (IRER)	51
% Selective infrared rejection (SIRR)	66
% Glare reduction	75
% Visible light reflectance	5
Sun Protection Factor	285+

Solar Gard®
SAINT-GOBAIN

Endeavor 15

Endeavor Window Film Series from Solar Gard offers drivers a durable combination of sleek looks and consistent comfort. This new carbon-based line introduces a wide range of available shades, with our signature black hue that enhances the appeal of every vehicle exterior. Boasting clear transmission of cellular and other data signals, Endeavor also blocks more than 99% of harmful UV rays to shield passengers from skin damage and vehicle interiors from premature fading.

% Visible light transmittance	15
% Visible light transmittance applied to auto glass[1]	12
% Total solar energy rejected	56
% Ultraviolet blocked (300 to 380 nanometers)	>99
% Infrared energy rejected (IRER)	54
% Selective infrared rejection (SIRR)	72
% Glare reduction	84
% Visible light reflectance	5
Sun Protection Factor	285+

Solar Gard®
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Endeavor 5

Endeavor Window Film Series from Solar Gard offers drivers a durable combination of sleek looks and consistent comfort. This new carbon-based line introduces a wide range of available shades, with our signature black hue that enhances the appeal of every vehicle exterior. Boasting clear transmission of cellular and other data signals, Endeavor also blocks more than 99% of harmful UV rays to shield passengers from skin damage and vehicle interiors from premature fading.

% Visible light transmittance	7
% Visible light transmittance applied to auto glass[1]	6
% Total solar energy rejected	60
% Ultraviolet blocked (300 to 380 nanometers)	>99
% Infrared energy rejected (IRER)	57
% Selective infrared rejection (SIRR)	80
% Glare reduction	93
% Visible light reflectance	5
Sun Protection Factor	285+

Solar Gard®
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SOLAR GARD® AUTOMOTIVE WINDOW FILMS

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 reflected and absorbed and released outwards. IRER is the endorsed calculation method of IWFA.

continued on next page

SOLAR ENERGY TECHNICAL DEFINITIONS *(continued)*

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.

