

Product Specifications

Visible Light Transmitted

Total Solar Energy Rejected

Infrared Rejected*

UV Light Rejected

Visible Light Reflected

Glare Reduction

3M Crystalline AutoFilm

Crystalline 40	39%	59%	97%	99.90%	7%	56%
Crystalline 50	50%	56%	97%	99.90%	8%	43%
Crystalline 60	61%	52%	97%	99.90%	9%	31%
Crystalline 70	68%	50%	97%	99.90%	10%	23%

3M Ceramic AutoFilm

Ceramic 50	53%	47%	61%	99%	12%	40%
Ceramic 75	72%	40%	44%	99%	8%	19%

3M Color Stable AutoFilm

Color Stable 20	16%	52%		99%	6%	82%
Color Stable 35	38%	39%		99%	7%	57%
Color Stable 50	51%	37%		99%	8%	42%

3M FX-HP AutoFilm

FX-HP 50	49%	40%	—	99%	9%	45%
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3M RE AutoFilm

RE 70	69%	32%	29%	98%	9%	22%
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3M Light Shade

Light Shade 80	85%	25%	20%	99%	5%	3%
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3M FX-ST AutoFilm

FX-ST 50	54%	30%	—	99%	6%	39%
FX-ST 70	70%	28%	—	99%	7%	21%

Data provided is for a typical film on 6mm, single pane, clear glass using applicable industry test methods and standards.

Visible light transmitted

The percentage of visible light that passes directly through filmed glass: the higher the number, the lighter the film.

Total solar energy rejected

The percentage of total solar energy rejected by filmed glass. The higher this value, the less solar heat energy is transmitted by the glass.

Visible light reflection

The percentage of visible light reflected back from the glass.

Infrared rejected *

The percent of light rejected by the film on the glass. Infrared light is primarily responsible for the heat you feel when driving. Infrared Rejected is measured on IR wavelength ranges 900-1000nm

UV rejection

The percentage of ultraviolet light that is rejected by filmed glass. Ultraviolet light contributes sunburn and other harmful skin conditions from the sun and to the fading and deterioration of fabrics and leather.

Glare reduction

The percentage by which visible light is reduced by the addition of film.