

	Thickness	Visible Light Transmitted	Total Solar Energy Rejected	Infrared Rejected	UV Light Rejected	Visible Light Reflected	Glare Reduction
Scotchshield™	4-mil (0.100mm)	50%	30%	-	97%	6%	50%
Nano 40S	3-mil (0.076mm)	40%	60%	97%	99.99%	7%	55%
Nano 70S	3-mil (0.076mm)	66%	50%	97%	99.99%	10%	22%
Scotchshield™ Crystalline Security 40	4- mil (0.100mm)	39%	60%	97%	99.99%	7%	55%
Scotchshield™ Crystalline Security 70	4-mil (0.100mm)	69%	50%	97%	99.99%	9%	22%

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.