

Obsidian Series



Description:

"Improving comfort and blocking ultraviolet (UV) rays to reduce fading of vehicle interiors are hallmarks of 3M automotive window films. 3M™ Window Film Obsidian Series delivers lasting comfort and performance at an affordable price due to 3M's Patented Infuse Technology."*

Key Features:

- The Obsidian Series provides better durability, strong heat rejection, low reflectivity and protection from ultraviolet (UV) rays, thereby enabling you to stay cooler.
- Non-metallized film won't corrode or interfere with cell, GPS 2-way radio or broadband signals
- Low interior and exterior reflectivity lets you enjoy the views from inside, while maintaining an attractive look from outside
- 2-mil thickness with high performance adhesive
- Limited nationwide lifetime manufacturer backed automotive warranty



| Specifications | OB50 | OB35 | OB30 | OB25 | OB15 | OB5 |
|------------------------------------|------|------|------|------|------|------|
| Total Solar Energy Rejected (TSER) | 28% | 33% | 36% | 38% | 40% | 44% |
| Visible Light Transmittance (VLT) | 63% | 45% | 38% | 30% | 22% | 8% |
| Exterior Visible Reflectivity | 6% | 5% | 5% | 5% | 5% | 4% |
| Interior Visible Reflectivity | 7% | 6% | 6% | 5% | 5% | 5% |
| Sun Glare Reduction | 29% | 49% | 57% | 67% | 75% | 91% |
| UV Rays Blocked (both UV-A & UV-B) | >99% | >99% | >99% | 99% | >99% | >99% |
| IRR Blocked (900-1,000nm) | 8% | 8% | 8% | 9% | 9% | 9% |
| IRER (heat) Blocked (780-2,500nm) | 25% | 25% | 25% | 25% | 25% | 25% |

Notes:

Data is comparable to current automotive industry method using a clear 89% VLT glass.

Will not interfere with cell phones, GPS systems or satellite radio.

IRR - IR Rejected over 900 – 1,000 nm. Film with liner measurement

IRER – The percent of solar infrared energy rejection over the wavelength range from 780 – 2,500 nm. IRER takes into account the transmitted and absorbed IR energy that will be reradiated into a boat. Film is applied to glass

