Invented and innovated.

The Ceramic IR technology is compatible with 5G devices to stay connected.

Cover your glass in cool.

Ride in style and comfort.

3M™ Automotive Window Film Ceramic IR Series offers great infrared rejection for optimal comfort and is available in an attractive neutral color.

3M advanced nano-ceramic technology.

Up to 95% Infrared rejection* with nano-ceramic technology.

Protect what matters at 3M.com/WindowTint

Commercial Solutions Division
3M Center, Building 200-130-04
St. Paul, MN 55144 USA

Ceramic IR Series
3M™ Automotive Window Film Ceramic IR Series

Stay cool
The Ceramic IR Series provides great infrared heat rejection due to the absorptive nano-ceramic technology. Rejecting up to 63% of total solar energy and up to 85% of infrared rejection* for optimal thermal comfort and reducing the feel of sun on your skin.

Superior UV protection
The Ceramic IR Series can enhance the protection from the sun’s harmful rays. Rejecting up to 99.9% ultraviolet (UV) light.

Stay connected
The Ceramic IR Series is developed with a metal-free design that won’t interfere with electronics, GPS, satellite radio or mobile devices, including 5G.

Reduce glare
The Ceramic IR series reduces up to 93% of the glare from blinding sunlight with low visible light reflectivity and no mirror-like appearance to disrupt your view out.

Limited Lifetime Warranty
The Ceramic IR Series is backed by a limited lifetime warranty, one of the most comprehensive warranties you can get. Sold and installed by professional 3M™ Authorized Dealer Installers, our films are durable, designed to last and virtually maintenance free.

Terms to Know
- **TSER** – Total Solar Energy Rejected
  The percentage of total solar energy rejected by filmed glass. The higher this value, the less solar heat is transmitted.
- **VLT** – Visible Light Transmitted
  The percentage of visible light that passes directly through filmed glass: the higher the number, the lighter the film.
- Ultraviolet Rejection
  The percentage of ultraviolet (UV) light that is rejected by the filmed glass. UV light contributes to the fading and deterioration of fabrics and leather.
- **IRR** – Infrared Rejected
  The percentage of solar infrared energy rejection over the wavelength range from 900-1,000 nm. Infrared rays are primarily responsible for the heat you feel when driving.
- IRER – Infrared Energy Rejection
  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 car.
- Glare Reduction
  The percentage by which visible light is reduced by the addition of film.

Choose your level of protection.
The Ceramic IR Series is available in a variety of tint levels to meet your needs.

### Terms to Know

<table>
<thead>
<tr>
<th>Tint Level</th>
<th>IR 5</th>
<th>IR 15</th>
<th>IR 25</th>
<th>IR 30</th>
<th>IR 35</th>
<th>IR 50</th>
<th>IR 70</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TSER</strong></td>
<td>66%</td>
<td>63%</td>
<td>61%</td>
<td>60%</td>
<td>58%</td>
<td>54%</td>
<td>51%</td>
</tr>
<tr>
<td>VLT</td>
<td>5%</td>
<td>16%</td>
<td>23%</td>
<td>30%</td>
<td>52%</td>
<td>64%</td>
<td></td>
</tr>
<tr>
<td>UV Rejection</td>
<td>99.9%</td>
<td>99.3%</td>
<td>99.3%</td>
<td>99.3%</td>
<td>99.3%</td>
<td>99.3%</td>
<td>99.8%</td>
</tr>
<tr>
<td>Glare Reduction</td>
<td>93%</td>
<td>78%</td>
<td>63%</td>
<td>52%</td>
<td>49%</td>
<td>32%</td>
<td>12%</td>
</tr>
<tr>
<td>IRR*</td>
<td>95%</td>
<td>95%</td>
<td>90%</td>
<td>82%</td>
<td>82%</td>
<td>83%</td>
<td>78%</td>
</tr>
<tr>
<td>IRER**</td>
<td>67%</td>
<td>67%</td>
<td>67%</td>
<td>67%</td>
<td>67%</td>
<td>66%</td>
<td>63%</td>
</tr>
</tbody>
</table>

Data shown is the estimated performance of film applied to ⅛” (6mm) thick, 73% VLT automotive green glass. Data is for reference only.

*TSER – Percent of solar infrared energy in the 900 - 1,000 nm wavelength range that is rejected by the film. Measurement is made of filmed glass in clear bare backing glass.

**IRER – Percent of solar infrared energy that is rejected 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 car.

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NOTE: The law on auto tint varies by state or province. Please check your state or province laws or ask your dealer for films approved for use on vehicles.