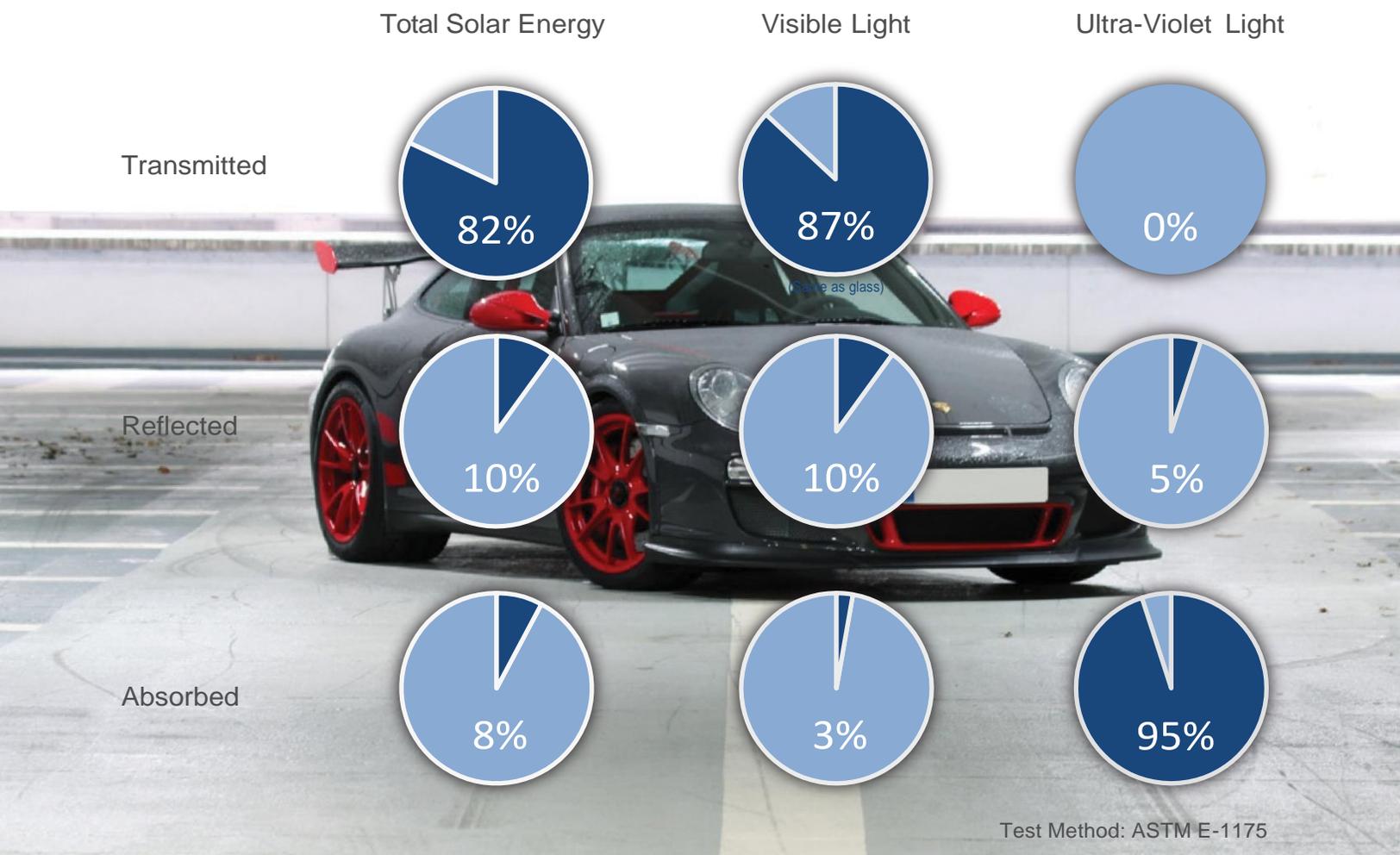




# ClearPlex Film Performance Data



<b>Film Thickness</b> <b>0.0045</b> <small>Inches</small>	<b>Tensile Strength</b> <b>32,000</b> <small>PSI Average, Machine Direction/            Transverse Direction</small> <small>Test Method: ASTM D-638</small>	<b>Break Strength</b> <b>100</b> <small>Pounds/Square Inch</small> <small>Test Method: ASTM D-638</small>	<b>Peel Strength</b> <b>3.5–4.5</b> <small>Pounds/Square Inch</small> <small>Test Method: ASTM D-903-98</small>
<b>Abrasion Resistance</b> <b>0.3–0.5%</b> <small>Delta Haze</small> <small>Test Method: ASTM D-1044</small>	<b>Infra-red Surface Blockers</b> <b>15–20%</b>	<b>Glare Reduction</b> <small>Approximately</small> <b>5%</b>	<b>Pencil Hardness</b> <b>9H</b> <small>(Harder Than Glass)</small>

Adhesive Type: Acrylic Pressure Sensitive Adhesive

Base Film Type: Polyester





## ClearPlex Questions & Answers

### What is ClearPlex Invisible Windshield Protection Film?

ClearPlex is a patented film that protects windshields from rock chips and other damage that is often caused by roadway debris. ClearPlex is truly invisible, providing optical clarity and UV Protection.

### Why should customers install ClearPlex?

ClearPlex provides three main benefits:

- Impact resistance against normal road debris
- UV Protection which reduces cabin heat and prolongs the interior life of the vehicle
- Faster run-off of precipitation, providing better visibility

### What is ClearX HD?

ClearX HD is an advanced polymer treatment that is an essential part of the maintenance program for ClearPlex Invisible Windshield Protection Film. ClearX HD will maintain the scratch resistance and water repellency of ClearPlex film. ClearX HD also seals your ClearPlex film from bird droppings, bugs, oil, tar, grease, dirt and grime. Apply a small amount of ClearX HD to your ClearPlex film at the time of installation, and every other month during the life of the ClearPlex film.

### Will ClearPlex impair the driver's vision?

No. ClearPlex is optically clear and guaranteed not to peel, bubble, crack or yellow for the warranted life of the product. When installed properly, ClearPlex is truly invisible.

### Is ClearPlex scratch resistant?

Yes. Our hard-coated film features many of the same scratch resistant qualities as glass and will protect against normal abrasion—including windshield wipers.

### Will ClearPlex film adhere well to the windshield?

The adhesive is strong enough that high-powered car wash streams do not cause the film to peel from the windshield.

### Is ClearPlex permanent?

No. ClearPlex is a film that protects the windshield from harsh conditions that often break or chip standard windshields. Being a film, ClearPlex should occasionally be removed and replaced to provide the best protection for the windshield. The need and timing to replace the film is dependent upon maintenance, the vehicle's exposure to the elements during storage, the miles driven and the conditions in which those miles are accumulated.

### How is ClearPlex removed or replaced?

ClearPlex uses a unique adhesive that makes the film adhere to the windshield; however, it is not permanent. If the film needs to be removed for any reason, it can be removed by using a razor blade to lift a corner of the film. By pulling the film with constant pressure, it will come off the windshield. Any adhesive remaining on the windshield can be easily removed with soap and water.

### Does ClearPlex offer a warranty?

Yes. ClearPlex Corporation offers a limited manufacturer's warranty of 18 months or 18,000 miles on all ClearPlex films.  
[clearplex.com/pages/about-support-warranty](http://clearplex.com/pages/about-support-warranty)

