



Solar performance measurements are read in accordance with National Fenestration Rating Council (NFRC) standards on 6mm clear glass (interior application).

Tensile Strength
32,000 PSI average,
Machine/Transverse Direction
 Test Method: ASTM D-882

Break Strength
100 PSI
 Test Method: ASTM D-882

Peel Strength
3.5 lbs PSI
 Test Method: ASTM D-3330

Abrasion Resistance
1.5% Delta Haze
 Test Method: ASTM D-1044

Infrared Surface Blockers
IR Rejection 23%, IRRER 18%

Adhesive Type
Acrylic Pressure Sensitive

Base Film Type
Polyester

Film Thickness
4 mil

Pencil Hardness (SR topcoat)
7H

ClearPlex is certified for interior and exterior surfaces to European rail coach standard EN 45545.

Who should use ClearPlex?

ClearPlex is ideal for luxury and classic vehicles and small vehicles equipped with ADAS (Advanced Driver Assistance Systems) windshield technology. These vehicles have windshields that can carry high replacement costs. The average replacement cost of a ADAS equipped windshield is \$1500*. ClearPlex is a great option for fleet vehicles such as buses, delivery trucks/vans, and rental cars because ClearPlex helps to preserve these revenue generating vehicles on the road. ClearPlex is also an excellent product for recreational and off-road vehicles, as well as for anyone interested in deterring smash-and-grab thefts.

How does ClearPlex windshield film and installation compare to automotive window film?

ClearPlex film and automotive window film are both polyester-based films which require heat molding to be properly installed. Due to the thickness of ClearPlex, installation takes a little longer and requires more heat to properly mold the film to the windshield.

Will ClearPlex impair the driver's vision?

No, Clearplex is optically clear and will not reduce visible light through the windshield. ClearPlex is warranted not to peel, bubble, crack, or yellow.

Will ClearPlex remain adhered to the windshield?

ClearPlex is strong enough to withstand speeds reached by professional racing vehicles.

What is the best way to maintain ClearPlex Film?

The use of an automotive protective wax such as Turtle Wax, NuFinish, RejeX or Meguiar's Wax is an essential part of the maintenance program for ClearPlex windshield protection film. The wax will maintain the scratch resistance and water repellency of the ClearPlex film when it is used as directed. The wax also seals the ClearPlex film against bird droppings, bugs, oil, tar, grease, dirt and grime. The installer will apply an initial amount of the wax at the time the film is installed on the windshield. The vehicle owner should continue to apply wax to the windshield every month during the life of the ClearPlex film.

Is ClearPlex permanent?

ClearPlex uses a unique adhesive that keeps the film adhered tightly to the windshield but is not permanent. The longevity of ClearPlex on a specific vehicle is directly related to the following factors: 1) Mileage driven, 2) conditions the vehicle operates in, and 3) adherence to proper care instructions.

How is ClearPlex removed or replaced?

The film can be removed by using a hard plastic or stainless-steel object (i.e. edge of a plastic credit card or stainless-steel blade) by simply lifting the film on one edge and then pulling, using slow and consistent pressure. Any adhesive remaining on the windshield can be removed with a non-caustic cleaner designed to remove adhesive. New ClearPlex film can then be installed on the clean windshield.

*Average replacement cost of an ADAS equipped windshield according to a 2018 study by AAA (American Automobile Association) and does not include related body work or recalibration of ADAS systems.