

# AUTOMOTIVE



## Premium Cast Carbon 10.921

### Features

This quality cast film 10.921 which will conform around compound curves, rivets, corrugations and can be applied on to textured surfaces. Our film is ideal for automotive applications covering, wing mirrors, wheel arches, dashboards and bumpers. The vinyl can also be used for general graphics & striping for vehicle bonnets, roofs and boots.

The PVC is a 50 micron premium self adhesive cast film, top coated with the Carbon Fibre Black pattern and finished with UV varnish specifically designed for the automotive industry. The varnish protects the film against UV degradation, chemical spillage and increases the scratch resistance.

The cast film meets the automotive standard ISO/TS: 16949. The clear permanent adhesive system used, is a tried and tested automotive cross-linked solvent based grade. The adhesive allows the vinyl to be removed cleanly from the substrate even after being applied for several years.

### Technical & Performance Information

Film Thickness		50 micron
Adhesive Thickness		25 micron
Total Thickness		75 micron
Adhesive Type		Clear Permanent Cross-Linking Acrylic
Release Liner		150gsm PE Coated
Artificial Weathering Vertical Exposure Mid Europe		>2000 hours 10 to 12 Years
Tensile		>13.5 N/mm <sup>2</sup>
Elongation		>75%
Adhesion 20mins/90°C		450 N/Metre
Adhesion 20mins/180°C		570 N/Metre
Adhesion 24hrs/180°C		700 N/Metre
Dimensional Stability		<0.4mm
Application Temperature		+8°C to +25°C
Service Temperature		-40°C to +105°C

### Warranty

Isee2 warrants our material for one (1) year from date of shipment. The shelf life of our material is dependent on storage conditions. We recommend that the end user stores the material in the original boxes (out of direct sunlight) from our factory. We also recommend to store our material at 21°C with 50% relative humidity. Isee2 only warrants our products to be free from defects in workmanship or defects in Isee2 material. We will replace or credit any material deemed defective. No acceptance or responsibility for loss, damage or expense implied or otherwise, shall be assumed by the seller or manufacturer. User assumes all risk and liability in connection herewith.

Technical Data Sheet (Nov 2009)

**Isee 2, Groendreef 35 9880 Aalter (Belgium) Tel: +32 921 66 700**