

## Carbon Fibre Series

### Features

**iSee2 Carbon Fibre Series** are self-adhesive carbon fibre films with a deep embossed regular 3D pattern. The films are developed for automotive outdoor applications on flat or slightly curved and undulating surfaces. Although these films are 160 micron thick, the product is still extremely flexible and can be used for general graphics & striping, as well as full body applications on vehicle bonnets, roofs and boots. The 5 years durable films have been coated with a semi-permanent adhesive system, which can be easily removed within one year with minimal adhesive residue.

The Carbon Fibre series is available in [50.910ACTN | Carbon Fibre White](#), [50.920ACTN | Carbon Fibre Black](#), [50.950ACTN | Carbon Fibre Red](#), [50.990ACTN | Carbon Fibre Silver](#) and [50.991ACTN | Carbon Fibre Anthracite](#).

**The Carbon Fibre Series** are available in 1524mm (width) x 25m & 50m (length) rolls.

**iSee2 ACT or Air Channel Technology liner** offers the benefits of reduced wrinkling and air bubbles during the application of the vinyl. On top of this advantage, the ACT technology increases the repositionability and "slideability" for exact positioning. All these iSee2 benefits occur without decreasing the adhesive strength when adhering to curved surfaces.

### Technical & Performance Information

Film Thickness	160 micron
Adhesive Thickness	25 micron
Total Thickness	185 micron
Adhesive type	Semi-permanent clear solvent based acrylic
Release Liner	130 gsm PE embossed ACT kraft neutral liner
Artificial Weathering*	5 years
Film Tensile Strength MD	>13,5 N/mm <sup>2</sup>
Film Elongation MD	>100%
Adhesion to steel (20 mins / 180°)	8 N/25mm
Adhesion to steel (24 hrs / 180°)	14 N/25mm
Dimensional Stability	Good
Application Temperature	+5 to +40°C
Service Temperature	-15 to +90°C

\* equivalent to vertical exposure in Mid-European climate

### 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. All data values quoted above are typical and should not be used to deem the product defective, if measured values are different.