

80.140N PET | PU Film 140

Total Protect | Clear

Features

The 80.140N PET | PU Film 140 is an aliphatic polyurethane protection film specially developed for the vehicle wrapping market to reduce corrosion, stone chipping, scratching and insect damage on painted surfaces. Due to its matt PET release liner this product has an improved gloss and vibrancy level. The highly elastic film is an excellent protection for car underbodies, side mirrors, & spoilers. The PU film is regularly applied on automotive striping and it is regularly laminated on outdoor graphics and prints for its durability, self-healing and self-cleaning properties. The adhesive is a high-tack permanent system which ensures good adhesion. 80.140N PET | PU Film 140 comes with a clear PET protection film applied to the surface and a stable matt polyester liner.

Technical & Performance Information

Film Thickness	140 microns
Adhesive Thickness	50 microns
Total Thickness	190 microns
Adhesive Type	High Tack permanent clear solvent based acrylic
Release Liner	75 micron matt PET liner
Artificial Weathering *	> 6-8 years
Film Tensile Strength MD	> 30 N/mm ²
Film Elongation MD	> 250%
Adhesion to steel (20 mins / 180°)	10 N/25mm
Adhesion to steel (24 hrs / 180°)	17 N/25mm
Dimensional Stability	< 1.0 mm
Application Temperature	+10 to +25 °C
Service Temperature	- 15 to +85 °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

Groendreef 35
 B-9880 Aalter | Belgium
 T +32 9 216 6700
 F +32 9 216 6709
 W www.isee2.eu