



## TPU140 | 80.140N

TPU140 is a paint protection film designed for the vehicle wrapping market to guard painted surfaces against corrosion, stone chips, scratches, and insect damage. Its PET liner enhances gloss and vibrancy, making it stand out. This highly elastic film provides excellent protection for car underbodies, side mirrors, and spoilers. Commonly used in automotive striping, it is also frequently laminated onto outdoor graphics and prints for its durability, self-healing, and self-cleaning properties.

### FACE FILM

Thermoplastic polyurethane, satin clear

Thickness (µm)	140	
Tensile strength (N/mm <sup>2</sup> )	>30	EN ISO 527-3
Elongation at break (%)	>250	EN ISO 527-3

### ADHESIVE

Clear solvent-based acrylic, permanent

Thickness (µm)	50	
Adhesion to steel		FINAT FTM 1
20 minutes (180°) N/25mm	10	
24 hours (180°) N/25mm	17	

### RELEASE LINER

Matt PET liner

Thickness (µm)	75
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### PROTECTION FILM

Thickness (µm)	75
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### PRODUCT APPLICATION

Application method	Wet
Dimensional stability (.mm)	<1
Application temperature (°C)	10 to 30
Service temperature (°C)	-30 to 100



**DURABILITY**

Shelf life (months)	12	
Outdoor durability (years)	10	Vertical exposure, Mid-EU climate

**ROLL SIZES**

1245mm x 50m

Fourbases BV guarantees the material for twelve months from the date of final invoice. The shelf life of our material depends on storage conditions. The end user should store the material in the original boxes or in equivalent boxes, away from direct sunlight, at a temperature of 21°C and 50% relative humidity. Fourbases BV guarantees that the products are free from defects in workmanship or defects in iSee2 material, provided they are stored properly. At its sole discretion, Fourbases BV may either: (1) replace all or part of the materials, or (2) issue a credit note for the value of the defective portion. All quoted data values are typical and should not be used as a basis to consider the product defective if measured values differ.

