

TECHNICAL DATA SHEET

PRODUCT - SATIN CLEAR PPF

MAY 2025

Product Description

Crafted from premium Aliphatic Polycaprolactone TPU (PCL), our Satin PPF delivers the perfect combination of sleek style and reliable surface protection. Ideal for installers seeking a matte, non-reflective finish without sacrificing performance, it features superior conformability, clean edge wrapping, and lasting durability. Warranty: 7 Years.

Physical Properties

Material	Polyurethane
Color	Transparent
Thickness (film only)	150um
Thickness (film + adhesive)	185+/-10um
Gloss	35 GU
Peel Force	2250 gf/in 24H(GB/T 2792)
Adhesion on OEM Paint	13-16 N/in (5-6 N/cm)
Elongation at break	320% (+/-20) (ASTMD882)
Tensile Strength	30 MPa
Liner Type	PET
Application Method	Wet
Coating Type	Hydrophobic
Application Temp Range	13°C - 32°C
Ideal Working Temp	17°C - 22°C

- Only use non-abrasive, pH-neutral (6–8), and solvent-free cleaning solutions.
- The film is heat-removable, allowing for convenient replacement or repositioning.
- It has a maximum shelf life of 24 months with CAP and 12 months without CAP from the shipment date.
- Store in its original packaging at temperatures between +15°C and +25°C, with humidity not exceeding 50%, and keep away from direct sunlight.
- Always allow the film to acclimate to room temperature prior to application.