

Guardian 200 Series

Clear TPU Paint Protection Film — Self-Healing Technology with Showroom-Quality Finish

Self-Healing

Ultra Gloss Finish

Water Repellent

Non-Yellowing

Stain Resistant

Product Description

Luxor Guardian 200 Clear TPU PPF is designed to offer robust defense against scratches, chips, and road damage. With advanced non-yellowing technology, it ensures a long-lasting, showroom-quality shine. Available in multiple thicknesses, it caters to the diverse needs of all vehicle owners — from daily drivers to high-end exotics.

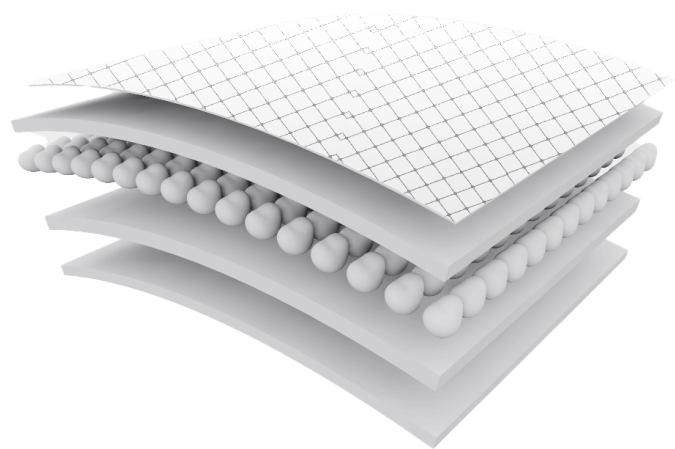
Storage Instructions

Recommended temperature range: 20±2 °C (68±2 °F)

Recommended relative humidity: 40–60%

Avoid extreme temperature ranges in storage. Store the product in its original packaging in a horizontal orientation, away from direct sunlight. Do not place heavy objects on top of the packaging, as this may damage the product.

Structure



Cap Sheet

Serves as a protective layer before use.

Self-Healing Top Coat

Scratch-resistant and hydrophobic.

TPU

High-clarity and impact-resistant.

Pressure-Sensitive Adhesive (PSA)

For easy installation.

Release Liner

Serves as a protective layer before use.

APPLICATIONS

For automotive use (other uses may apply).

APPLICATION AREAS

Flat surfaces, simple curves, and compound curves.

APPLICATION METHOD

Paint protection films are to be professionally installed by trained, authorized Luxor installers.

SHELF LIFE

Paint protection films should be installed within one year from the date of purchase.

Guardian 200 — Properties

Technical performance by thickness variant · Total thickness may vary by ±5%

PROPERTY	G200 — 6.5	G200 — 7.5	G200 — 8.5	G200 — 9.5
THICKNESS				
Total Thickness	6.5 mil (165 µm)	7.5 mil (185 µm)	8.5 mil (215 µm)	9.5 mil (240 µm)
TPU Urethane	5 mil (130 µm)	6 mil (150 µm)	7 mil (178 µm)	8 mil (200 µm)
Top Coat	0.5 mil (13 µm)	0.5 mil (13 µm)	0.5 mil (13 µm)	0.5 mil (13 µm)
Adhesive	1 mil (23 µm)	1 mil (23 µm)	1 mil (23 µm)	1 mil (23 µm)
Liner	3 mil (75 µm)	3 mil (75 µm)	3 mil (75 µm)	3 mil (75 µm)
MECHANICAL				
Tensile Strength	>18 MPa	>18 MPa	>18 MPa	>18 MPa
Elongation at Break	>300%	>300%	>300%	>300%
PEEL ADHESION				
Initial Peel	>400 N/m	>400 N/m	>400 N/m	>400 N/m
Normal State	>600 N/m	>600 N/m	>600 N/m	>600 N/m
After Water Immersion	>600 N/m	>600 N/m	>600 N/m	>600 N/m
After Accelerated Weathering	>600 N/m	>600 N/m	>600 N/m	>600 N/m
SURFACE & FINISH				
Water Contact Angle	>103°	>103°	<90°	<90°
Gloss	>94%	>94%	>94%	>94%
Warranty	10 years	10 years	10 years	10 years

LIMITED WARRANTY

- Valid Period:** From date of purchase.
- Covered Issues:** Material and manufacturing defects, including yellowing, cracking, blistering, and delaminating.
- Required for Claim:** Warranty copy and proof of purchase (showing order details, purchase date, and related pictures or videos). Valid only when installed by an authorized Luxor installer.