



ASHIELD PROFESSIONAL DOCUMENT

# A-GUARD Clear PPF Spec Sheet

Core clear PPF for balanced everyday recommendations across clarity, stain resistance, hydrophobic performance, and durability.

CLEAR PPF SPECIFICATION

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## Product positioning

Core clear PPF for balanced everyday recommendations across clarity, stain resistance, hydrophobic performance, and durability.

Product page: [ashieldfilm.com/products/a-guard-clear-ppf-lubrizol-tpu](https://ashieldfilm.com/products/a-guard-clear-ppf-lubrizol-tpu)

## Recommended use

| Category        | Detail                                                                       |
|-----------------|------------------------------------------------------------------------------|
| Best for        | Core installs, daily protection packages, and common high-wear applications. |
| Key performance | Stain resistance and durable protection for everyday customer needs.         |
| Install feel    | Easy repositioning for controlled shop installation.                         |
| Shop package    | Standard recommendation                                                      |
| Warranty period | 10 years                                                                     |

## Film construction

| Construction         | Reported value        |
|----------------------|-----------------------|
| Total film thickness | 254 micron (10 mil)   |
| Topcoat              | 14.5 micron (0.6 mil) |
| Base TPU film        | 200 micron (8 mil)    |

## Shared PPF performance characteristics

| Category          | Result / Method noted                                          |
|-------------------|----------------------------------------------------------------|
| UV aging          | No detrimental effect / ASTM                                   |
| Xenon arc aging   | No detrimental effect / SAE J                                  |
| Ozone aging       | 90% gloss retention / SAE J                                    |
| Temperature aging | No detrimental effect / ISO                                    |
| Acid resistance   | No detrimental effect                                          |
| Alkali resistance | Test passed with oxalate for 72 hours                          |
| Oil resistance    | No detrimental effect / immerse for 30 minutes                 |
| Peel adhesion     | 2 N/cm during installation; 8 N/cm 24 hours after installation |

## Storage and handling

Store film at 60-86 F (16-30 C) and 44%-55% relative humidity. Keep film in appropriate packaging before use.

Install in a clean environment with clean hands, clean tools, and controlled temperature to reduce adhesive-side contamination.

### **Document note**

This specification sheet is intended for product comparison and customer communication. Final product selection should consider vehicle condition, substrate, installation environment, installer method, and customer use case.