

ASHIELD

ASHIELD PROFESSIONAL DOCUMENT

H-PRIME Clear PPF Spec Sheet

Premium clear PPF for luxury vehicles and higher-ticket jobs where gloss, self-healing, hydrophobic finish, and confidence matter.

CLEAR PPF SPECIFICATION

Sales & Support: info@ashieldfilm.com

Product positioning

Premium clear PPF for luxury vehicles and higher-ticket jobs where gloss, self-healing, hydrophobic finish, and confidence matter.

Product page: ashieldfilm.com/products/h-prime-clear-ppf-hydrophobic

Recommended use

Category	Detail
Best for	Luxury vehicles, premium full-front installs, and high-finish packages.
Key performance	Hydrophobic easy-care surface with premium clarity and finish quality.
Install feel	Premium handling for higher-value installs.
Shop package	Premium upgrade
Warranty period	12 years

Film construction

Construction	Reported value
Total film thickness	190 micron (7.5 mil)
Base TPU film	139 micron (5.5 mil)
Topcoat / adhesive / liner	Refer to ASHIELD PPF Technical Data Sheet for shared family values

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.