



Guardian

PROPERTY STANDARD UNIT VALUE

Film Thickness

TPU	Micrometer	Mils	6 mil
TPU+TC+Adhesive	Micrometer	Mils	8 mil
Release Liner	Micrometer	Mils	3 mil

Mechanical

Peel strength: 20 min @24° C	FTM01	kg/in	> 0.8kg/ inch
Peel strength: 72 Hrs @24° C	FTM01	kg/in	> 1.2kg/ inch
Gloss at 60°	ASTMD-2457	%	> 85%
Tensile Strength	ASTMD-882	Mpa	>20
Elongation	ASTMD-882	%	>250

Performance

Heat aging 80° C/168 Hrs	Internal	Pass-No Detrimental Effect
Water Immersion 168 Hrs at 40° C	Internal	Pass-No Detrimental Effect

Resistance

Water and soap resistance Drop test for 10 min	Internal	Pass-No Detrimental Effect
Battery acid Drop test for 10 min	Internal	Pass-No Detrimental Effect
Diesel Drop test for 10 min	Internal	Pass-No Detrimental Effect
SAE Motor oil Drop test for 10 min	Internal	Pass-No Detrimental Effect
Hydraulic oil Drop test for 10 min	Internal	Pass-No Detrimental Effect

10 YEAR LIMITED WARRANTY:

American Standard Window Film (ASWF) warrants that the product will not bubble, crack or turn yellow for a period of up to 10 years from the date of purchase/installation. This non-transferable warranty extends to the original purchaser only. In the event of a warranty claim, the customer should contact the original installer. If the installer is unavailable, then the customer can contact ASWF.

COVERAGE:

This warranty covers the replacement of defective product and excludes labor charge of re-installation. All warranty claims are subject to review by American Standard Window Film.

LIMITATIONS:

Warranty coverage is only provided for products installed by ASWF certified installers and that were properly stored, maintained and installed. This limited warranty does not apply to any product damages or damages to the vehicle/paint that may be caused by accident, physical impact, harsh chemicals, fallout, acts of God, normal wear and tear, degradation, or improper maintenance such as power washing, buffing, polishing or detailing. Fresh paint must cure a minimum of 90 days before installing the film, however the warranty is void. The warranty is void if the film was installed incorrectly by an unauthorized or authorized installer; or if the purchaser fails to maintain the product properly after installation.

DISCLAIMERS & EXCLUSIONS:

The obligation of ASWF under this warranty is limited to replacement of products not conforming to the warranty. The product is to be used in compliance with all applicable state and provincial laws. Installation of this product in a manner that violates state or provincial laws is a misuse of the product and voids all warranties, expressed or implied, including but not limited to the warranty of merchantability. ASWF shall not be liable in any manner whatsoever for damages related to the use of this product in an illegal manner. Ghosting is not covered under warranty. Ghosting is considered an installation issue. Installation on headlights is not recommended and will not be subject to warranty.

THERE ARE NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. THIS WARRANTY APPLIES ONLY TO MANUFACTURING QUALITY. The installing dealer is solely responsible for the quality of installation on your vehicle. WARRANTY NOT VALID WITHOUT ROLL NUMBERS, WARRANTY CARD, PROOF OF PURCHASE, PROOF OF IDENTITY ETC.

ASWF warranty is a factory based warranty. ASWF is a division of Erickson International LLC, Las Vegas, NV.

*Warranty duration, coverage, limitations, disclaimers and exclusions subject to change depending on geographic location.

ADDITIONAL NOTES:

Installation recommended temperature of the ambient air in the immediate surroundings as well as the substrate surface is between 70°F and 85°F. Installation should be in a contaminate free environment and performed out of direct sunlight.

Shelf life of ASWF PPF is 1 year when stored upright in its original packaging at a temperature of 65°F to 75°F and not exceeding a relative humidity of 50-60%.

PROPER CARE & MAINTENANCE:

To ensure the product remains in excellent condition, please follow the proper care & maintenance instructions. Failure to adhere to these instructions can void product warranty.

- Do not wash or wax your vehicle for a minimum of 7 days after installation.
- Wash and wax your vehicle as needed.
- Remove any and all bugs, tar, oil, dirt, chemicals, etc from film as soon as possible to prevent staining.
- Do not use solvent based bug and tar remover or cleaners.
- Use soft non-abrasive wash mitts and drying materials.
- If powerwashing, wait at least 30 days after installation and keep the spray tip at least 3 feet away from film.
- Non-abrasive wax or sealant application is recommended once every 4 months.
- The use of polishing compounds, clay bars or waxes that contain dyes or abrasives is prohibited.
- Seek ASWF certified installer to remove film if needed.

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We set the standard.