



► Series 3350

Anti-Graffiti Overlamine

Series 3350 is a 2-mil (50 micron) PVDF film with clear, permanent pressure-sensitive adhesive. Along with protecting and prolonging the life of printed images, Series 3350 is designed as an anti-graffiti overlamine. Used as an overlamine, the outdoor durability is rated up to 10 years vertical exposure.

APPLICATIONS & FEATURES

- Long-term signage, kiosks and POP displays.
- Safety signs and nameplates.
- Fleet and vehicle applications (flat surfaces only), farm and construction equipment markings, automotive striping and model identification and decorations for railway car, bus, boat and recreational vehicles.
- Protective overlamine for most DPF and screenprint films.
- UV Inhibitors for improved weathering.
- Product Compatibility: Series 3350 is not recommended for overlaminate over flexible substrates.
- Arlon overlamine film is designed to be laminated cold without any heat.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	40 to 60 Gloss Units	
THICKNESS	Micrometer, Federal Bench Type	2-mil (50 micron)	
TENSILE STRENGTH	Tensile Tester 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	10 lb/in	1.8 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 50%	
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	60°F to 90°F optimum	16°C to 32°C optimum
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°F to 225°F	-40°C to 107°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.005 in	0.12 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 3.11 lb/in	≥ 0.60 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	25 g/2 in	10 g/cm

Standard Terms & Conditions Apply

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OPTIMUM PERFORMANCE

Series 3350 contains enhanced UV inhibitors in the formulation. Actual weathering durability depends on surface preparation, surface maintenance and exposure conditions. Successful weather resistance is characterized by the retention of legibility.

Series 3350 will resist weathering best when applied to vertical or upper outboard angles. Horizontal angles, such as hood and auto roof surfaces, will deteriorate more quickly than vertical. This is due to increased exposure to sun and moisture, as well as continued high deposition of dirt and atmospheric contaminants. Arlon recommends this film for flat and simple curved permanent surfaces.

Series 3350 is far less flexible than standard vinyl overlaminates. If creased during lamination or shipping it will not smooth out as easily with a heat gun. For this reason it is critical to avoid over stretching vinyl or overlaminate during laminating steps or folding and draping the graphics in such a way as to create a crease in the overlaminate.

The finished graphic may be shipped flat or rolled. In roll form, the finished graphic should face out and should be wrapped around a core of at least five inches (13 cm) interior diameter and of sufficient wall thickness to avoid collapsing or bending during shipment.

Series 3350 can adhere to Solvent, Eco-Solvent, Latex, and UV inks. For best practice on laminating UV inks, see [Tip 55: What is Silvering?](#)

CLEANING NOTES

Low pressure washing with warm soapy water followed by fresh water rinse; bristle brush and warm water/Simple Green mix and fresh water rinse is also effective.

Extreme caution should be taken so as not to lift any edges of the film during this process. If a stubborn soiled area is encountered, isopropyl alcohol is recommended followed by fresh water rinse. Do not use harsh solvents or caustic cleaners not listed in the table below as they will leave the surface defaced when dry.

Note: Certain permanent markers may contain an additive that can aggressively react and etch into the film, causing a shadow effect. Cleaning will help minimize but not fully remove the marks in some cases.

Acceptable cleaning solutions for general maintenance and products for removing graffiti:




PRODUCT	General Cleaning Solutions	Graffiti Cleaning Solutions
SOAP AND WATER	X	
OVER-THE-COUNTER CLEANERS	X	
90% ISOPROPYL ALCOHOL, ACETONE		X




TERMS & CONDITIONS

The warranties offered in Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at https://www.arlon.com/na_en/legal/terms-and-conditions, are made in lieu of all other express or implied warranties.




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