



► Series 3310 Overlaminates Extended Life Overlaminates

Series 3310 is a 1.5-mil (38 micron) polyurethane film with a clear, permanent pressure-sensitive adhesive. Along with protecting and prolonging the life of printed images, Series 3310 is designed as a multi-purpose extended life overlaminates, recommended for fleet and vehicle applications. Used as an overlaminates, the outdoor durability is rated up to 10 years vertical exposure and up to 4 years horizontal exposure for Zone 1. Zone 2 horizontal exposure is rated up to 3 years. Zone 3 horizontal exposure is rated up to 18 months.

APPLICATIONS & FEATURES

- Protective overlaminates for digitally printed PVC media and flexible substrates
- Protective overlaminates SLX®+, SLX® Cast Wrap, DPF 6100XLP, DPF 6000XRP, DPF 6000RP White, DPF 6500, and DPF 6700
- Fleet graphics and vehicle applications
- Improved clarity than PVC overlaminates
- Superior conformability
- Increased durability & UV protection to extend the life of your graphic
- Arlon overlaminates film is designed to be laminated cold without any heat

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	80 Gloss Units	
THICKNESS	Micrometer, Federal Bench Type	1.5-mil (38 micron)	
TENSILE STRENGTH	Tensile Tester 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	19 lb/in	3.4 kg/cm
ELONGATION	Instron Tensile Tester as above	400% to 450%	
SHELF LIFE (IN BOX)	Ideal storage temperature (70°F/21°C)	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	60°F to 90°F	16°C to 32°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°F to 175°F	-40°C to 79°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	5-mil	0.12 mm
PEEL ADHESION	PSTC-1, 15min 70°F (21°C)	3.5 - 4.5 lb/in	0.63 - 0.80 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	37 g/2 in	7.28 g/cm

NOTE: Recommended post-heat surface temperature of vinyl installed: 158°F to 194°F (70°C to 90°C). The recommended post-heat temperature applies to the film and overlaminates wrap. Standard Terms & Conditions Apply.

* Actual ink life varies by ink type and by environment.

USA

- 200 Boysenberry Lane, Placentia, CA 92870
- 800 232 7161 / +1 714 985 6300
- +1 714 985 6305

EUROPE

- Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
- +31 70 354 4311
- +31 70 355 7721

CHINA

- No. 1989 Xinchang Road, Weifang, Shandong, 262400
- +86 0536 6226568

OPTIMUM PERFORMANCE

Series 3310 contains enhanced UV inhibitors in the vinyl formulation. Actual weathering durability depends on surface preparation, surface maintenance and exposure conditions. Successful weather resistance is characterized by the retention of legibility.

Series 3310 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.

For best practice on laminating to UV inks, see [Tip 55: What is Silvering?](#)

TERMS & CONDITIONS

The following is made in lieu of all warranties expressed or implied:

All orders and purchases made in connection with this document are governed and limited by Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at <http://www.arlon.com/terms-and-conditions> or in hardcopy by request.

March 2021

USA

 200 Boysenberry Lane, Placentia, CA 92870
 800 232 7161 / +1 714 985 6300
 +1 714 985 6305

EUROPE

 Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
 +31 70 354 4311
 +31 70 355 7721

CHINA

 No. 1989 Xinchang Road, Weifang, Shandong, 262400
 +86 0536 6226568