

## ► Series 3450G UV Overlamine

### Premium Polymeric Pressure-Sensitive Overlamine Specially Designed for UV Inks

Series 3450G UV is constructed of an 80-micron polymeric vinyl film with a clear, permanent pressure-sensitive adhesive, and is available in a gloss finish to suit your graphic needs. The film is specially designed for UV ink systems and to protect and prolong the life of printed images. Series 3450G UV is rated for outdoor durability of up to 5 years unprinted.

### APPLICATIONS & FEATURES

- Specially designed for UV ink systems
- Suitable for use with DPF 4550G/M/GT/MT/GTX/MTX, DPF 4500 Clear, DPF 4600GLX/MLX\*, or Fusion\*
- Intermediate interior & exterior signage
- Arlon overlamine film is designed to be laminated cold without any heat




\*Use on flat surfaces only

### PERFORMANCE & PHYSICAL DATA




PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	70 to 90 Gloss Units	
THICKNESS	Micrometer, Federal Bench Type	80 microns	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	9 lb/in	1.6 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	40°F to 100°F	4°C to 38°C
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-20°F to 150°F	-29°C to 65°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	25-mil	0.635 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 2.5 lb/in	≥ 0.45 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	30 g/2 in	6 g/cm

Standard Terms & Conditions Apply



#### 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

Actual weathering durability depends on surface preparation, surface maintenance and exposure conditions. Successful weather resistance is characterized by the retention of legibility.

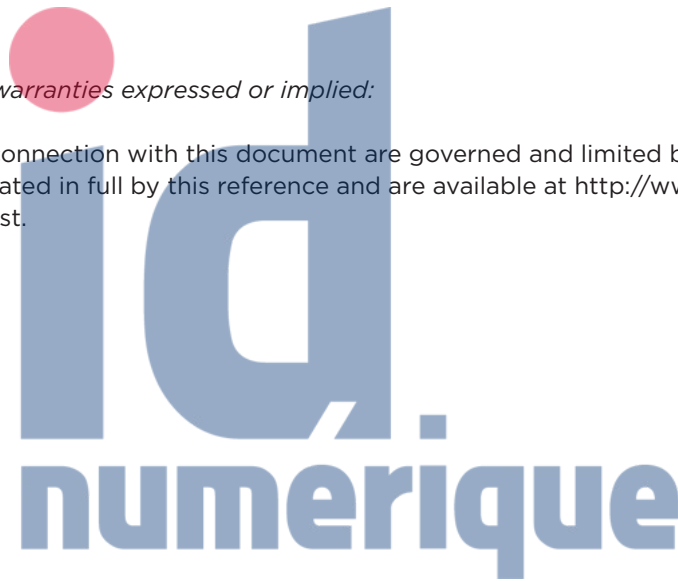
Series 3450G UV will resist weathering best when applied to vertical or upper outboard angles. Horizontal angles, such as hood and auto roof surfaces, will deteriorate more quickly than vertical. This is due to increased exposure to sun and moisture, as well as continued high deposition of dirt and atmospheric contaminants. Arlon does not recommend its film for horizontal or close horizontal applications.

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.






September 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