



► Series 3510 Overlaminates

Economy Calendered Printable Overlaminates Pressure-Sensitive Film

Series 3510 is a 3.2-mil (80 micron) calendered printable film with a clear, permanent pressure-sensitive adhesive. This printable overlaminates offers high-quality printability and is coated on a two-sided polycoated liner that provides excellent lay-flat properties. Series 3510 is rated for outdoor durability of 3 years.

APPLICATIONS & FEATURES

- Protective overlaminates for all promotional calendered products
- Excellent printability on Eco-Solvent, Solvent and Latex print systems
- Short-term signage, kiosks and POP displays
- Ideal for interior and exterior applications on flat surfaces
- Arlon overlaminates film is designed to be laminated cold without any heat

Certified for
HP Latex Inks

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	Gloss: 70 to 90 Gloss Units Matte: 1.5 to 10 Gloss Units	
THICKNESS	Micrometer, Federal Bench Type	3.2-mil (80 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 15 lb/in	≥ 2.68 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 250%	
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	50°F to 90°F	10°C to 32°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, on aluminum panel	5-mil	0.13 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 1.5 lb/in	≥ 0.27 kg/cm
	PSTC-1, 24 hrs, 70°F (21°C)	10.7N/.98in	10.7N 25/mm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	125 g/2 in	24.6 g/cm

Note: Stiffness of calendered film may not conform as well to surface topography of UV inks.

Standard Terms & Conditions Apply

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

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

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

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.

April 2024

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