



## ► Series 3510 Overlaminates

### Economy Calendered Overlaminates Pressure-Sensitive Film

Series 3510 is a 3.2-mil (80 micron) calendered film with a clear, permanent pressure-sensitive adhesive. Designed to protect your printed image, Series 3510 is made of a monomeric facestock and available in a gloss or matte finish. Series 3510 is rated for outdoor durability of 3 years.

#### APPLICATIONS & FEATURES

- Protective overlaminates for all promotional calendered products
- 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

#### PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	Gloss: 70 to 90 Gloss Units Matte: 1.5 to 10 Gloss Units	
<b>THICKNESS</b>	Micrometer, Federal Bench Type	3.2-mil (80 micron)	
<b>TENSILE STRENGTH</b>	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
<b>ELONGATION</b>	Instron Tensile Tester as above	≥ 250%	
<b>SHELF LIFE (IN BOX)</b>	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	1 year from factory shipment	
<b>APPLICATION TEMPERATURE RANGE</b>	On clean, dry substrate	50°F to 90°F	10°C to 32°C
<b>SERVICE TEMPERATURE RANGE</b>	Film applied to etched aluminum panels 24 hours prior to testing	-20°F to 150°F	-29°C to 65°C
<b>DIMENSIONAL STABILITY</b>	158°F (70°C), 48 hours, on aluminum panel	5-mil	0.13 mm
<b>PEEL ADHESION</b>	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
<b>LINER RELEASE</b>	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

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- +1 714 985 6305

#### EUROPE

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#### CHINA

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## 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.

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