



## ► 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. See Arlon's Print Media Total System Warranty, which is available at <https://www.arlon.com/support/warranties>.

### APPLICATIONS & FEATURES

- Protective overlaminates for all promotional calendered products
- Short-term signage, kiosks and POP displays, and interior floor graphics\*
- 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

\*Series 3510 Matte, when used with DPF 510GTR/MTR  
 Note: Stiffness of calendered film may not conform as well to surface topography of UV inks.  
 Standard Terms & Conditions Apply

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## FLOOR APPLICATION

Series 3510 Matte is approved under the EN 14041 for slip-resistance as a floor graphic material. Arlon recommends DPF 4600GLX/MLX, DPF 8200 High Tack, DPF 510 GTR/MTR or DPF 510GT/MT as the compatible media. These product combinations are recommended for short-term interior floor applications for an expected life up to 3 months. To determine the best product for the application Arlon always recommends testing on the surface prior to using the above products. Product performance can vary greatly depending on the surface type, level of foot traffic, elemental exposure, carpet type, and floor condition. Due to these variables, Arlon is unable to offer a warranty for the performance, expected life, or clean removability of these products for floor graphic applications. See Arlon's Standard Limited Warranty, which is available at <http://www.arlon.com/support/standard-limited-warranty>.

Please refer to Arlon's [Installation Guide](#) for detailed techniques and best practices.




## 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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