

► Series 3510 Overlaminates

Economy Monomeric Overlaminates Pressure-Sensitive Film

Series 3510 is a 80 microns monomeric 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 monomeric products
- Short-term signage, kiosks and POP displays
- Series 3510 Matte is approved EN 14041 for slip resistance for 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
SURFACE FINISH	Gloss Meter 60° Reflection	Gloss: 70 to 90 Gloss Units Matte: 1.5 to 10 Gloss Units
THICKNESS	Micrometer, Federal Bench Type	80 microns
TENSILE STRENGTH	Tensile Tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	≥ 2.68 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 250%
SHELF LIFE (IN BOX)	Ideal Storage Temperature 21°C and 50% relative humidity	1 year from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	10°C to 32°C
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-29°C to 65°C
DIMENSIONAL STABILITY	70°C, 48 hours, on aluminum panel	0.13 mm
PEEL ADHESION	PSTC-1, 15 min, 21°C	≥ 0.27 kg/cm
	PSTC-1, 24 hrs, 21°C	10.7N 25/mm
LINER RELEASE	TLMI Release at 90°, 760 cm/min	24.6 g/cm

Note: Stiffness of monomeric/polymeric films 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 European Standard Certification EN 14041 regulating for slip-resistance as a floor graphic material for indoor dry conditions. Arlon recommends DPF 510 UT / GTR / MTR / GT / MT as the compatible media. This product combination is recommended for short-term interior floor applications. To determine the best product for the application Arlon always recommends testing on the surface before using the above products. Product performance can vary greatly depending on the surface type, level of foot traffic, elemental exposure and floor condition. Due to these variables, Arlon only warrants the material(s) for standard manufacturers defect and is unable to offer a warranty for the performance or clean removability of these products for floor graphic applications. Please refer to Arlon's Installation Guide for detailed techniques and best practices.

EN 14041 - Resilient, textile and laminate floor coverings

Determination of the anti-slip properties (EN 14041) : Determination of the dynamic coefficient of friction of floor materials in accordance with EN 14041.




TERMS & CONDITIONS

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




All statements, technical information and recommendations published by Arlon relating to Arlon products are based on tests believed to be reliable and within the accuracy of the equipment used to obtain the specific values. Their accuracy or completeness is not guaranteed and Arlon makes no warranty with regard thereto. Seller's and manufacturer's only responsibility shall be to replace any quantity of the product proved defective. Seller and manufacturer shall not be liable for injury, loss or damage, direct or consequential, arising out of use or the inability to use the product. Nor shall seller or manufacturer be liable for any costs or expenses incurred in the processing or printing on the product. Before using, user shall determine the suitability of the product for its intended use. User assumes all risk and liability of every nature in connection therewith. No statements or recommendations other than those contained in the technical information published by Arlon shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.

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