

► DPF 510 ULTRA TACK

Digital Print Pressure-Sensitive Ultra Tack Vinyl Film

DPF 510 Ultra Tack is a 100 microns monomeric film with a clear or tinted, solvent-based, pressure-sensitive, ultra tack adhesive. The two-sided polycoated liner provides excellent lay-flat properties. The high tack adhesive provides superior adhesion for multi-purpose signage applications. DPF 510 Ultra Tack is available in a white gloss finish (DPF 510G-UT or DPF 510GT-UT) and white matte finish (DPF 510M-UT or DPF 510MT-UT). DPF 510 Ultra Tack is rated for outdoor durability up to 3 years (unprinted). Printed durability is dependent on the ink system used. See Arlon's Print Media Total System Warranty, which is available at https://www.arlon.com/eu_en/support/warranties.

APPLICATIONS & FEATURES

- Short-term promotional and display graphics
- Barricade graphics, tradeshow signage or construction graphics and interior floor graphics*
- Ideal for interior and exterior applications on flat surfaces
- Suitable for interior wall graphics**
- Excellent printability on Eco-Solvent, Solvent, UV and Latex print systems

*When used with Series 3510 Matte. **Before using, user shall determine the suitability of the product for its intended use.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	70 to 90 Gloss Units (Gloss) Up to 30 Gloss Units (Matte)
THICKNESS	Micrometer, Federal Bench Type	100 microns
TENSILE STRENGTH	Tensile Tester with 51 mm jaw separation; crosshead speed of 12 in/min. 5.1 mm/s, web direction	≥ 1.8 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 150%
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	On clean, dry substrate	-29°C to 65°C
DIMENSIONAL STABILITY	70°C, 48 hours	≥ 1.27mm
PEEL ADHESION	PSTC-1, 15 min, 21°C	≥21 N/25mm
LINER RELEASE	TLMI Release at 90°, 760 cm/min	7.0 g/cm

Standard Terms & Conditions Apply

USA

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FLOOR APPLICATIONS

DPF 510 Ultra Tack is recommended for short-term interior floor applications such as smooth floors, sealed concrete, ceramic tile, waxed vinyl flooring, sealed wood, marble and terrazzo, when used with Series 3510 Matte, which is approved under the European Standard Certification EN 14041 for slip-resistance for Floor Graphic Materials. To determine the best product for application Arlon always recommends testing prior to using the above products on the actual surface as 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.

WALL APPLICATIONS

Arlon does not guarantee the successful application or removal of this film to painted interior & exterior walls due to the wide varieties in paints and sealants. It is highly recommended that the customer determine the compatibility and removability of the product and paint in question. Your Arlon Sales Manager can provide a Wall Wrap Questionnaire to help understand product performance requirements. Due to these variables, Arlon is unable to offer a warranty for the performance, durability, or clean removability of these products for wall applications. See Arlon's Standard Limited Warranty, which is available at <http://www.arlon.com/support/standard-limited-warranty>.

TERMS & CONDITIONS

The warranties offered in Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at https://www.arlon.com/na_en/legal/terms-and-conditions, are made in lieu of all other express or implied warranties.

June 2025

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