

► Arlon Colour Protection Film

Colour Thermoplastic Polyurethane (TPU) Paint Protection Film

Arlon Colour Protection Film Series is a 200-290micron (7.9 – 11.4mil) premium repositionable dry and wet apply coloured TPU film with micro Xscape adhesive technology. Designed for full vehicle wraps the film delivers a true paint-like finish with exceptional durability, vibrant color, and a superior high-gloss along with satin and matt finishes. The film is specifically engineered for professional vinyl wrap installers, allowing them to enter the premium protection market using their existing dry-application skills, ensuring a faster, cleaner, and bubble-free installation while preserving the vehicle's paint finish.

APPLICATIONS & FEATURES

The Arlon Colour Protection Film Series is engineered to offer both a stunning color change and the ultimate protection for automotive paint finishes. It comes with a 5-year* warranty and features ultra-high gloss and vibrant colors. This film is characterized by its dry-apply feature, ensuring a clean, bubble-free installation, and is made with self-healing TPU & PU.

- PET Cap sheet
- PET Liner with micro X-Scape Technology
- Dry-Apply Technology: Proprietary adhesive system allows for dry installation, significantly reducing labor time and cost, and ensuring a clean, bubble-free finish.
- Self-Healing Protection: Advanced TPU and PU topcoat automatically repairs minor scratches and scuffs with heat, maintaining a showroom finish.
- Outdoor durability of 5 years*
- True Paint-Like Finish: Delivers an ultra-high gloss, vibrant color finish that closely mimics real automotive paint.
- Durability & Protection: Thicker (typically 200 – 290micron) than conventional vinyl, offering enhanced protection and strong resistance to yellowing, cracking and oxidation.
- Dual Service Offering: Combines the services of color wrap and paint protection, allowing for higher-margin jobs

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	≥90 Gloss Units (Gloss) 10 – 60 Gloss Units (Satin) ≤ 10 Gloss Units (Matt)
THICKNESS	Micrometer, Federal Bench Type	7.9- 11.4mil (200-290 micron) Carbon = 290 micron
TENSILE STRENGTH	PT-6081G	>15 MPa
ELONGATION	Test Method as above	≥ 150%
SHELF LIFE (IN BOX)	Ideal Storage Temperature 21°C and 50% relative humidity	18 months from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate (ideal application temperature of 20-25°C)	10°C to 35°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate (no impact on appearance or performance)	-18°C to 82°C
DURABILITY	Outdoor up to:	5 years*
PEEL ADHESION	GB/T 2790-2014 20 minutes	>1400 gf, >1.4kg/cm

*) Zone 1

Standard Terms & Conditions Apply

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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/eu_en/legal/terms-and-conditions-eu_en, are made in lieu of all other express or implied warranties.

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