



► Arlon Colour Protection Film

Colour Thermoplastic Polyurethane (TPU) Paint Protection Film

Arlon Colour Protection Film Series is a 200–290 micron / 7.9–11.4 mil premium coloured TPU paint protection film with pressure-activated adhesive technology. Designed for full vehicle wraps, the film delivers a true paint-like finish with exceptional durability, vibrant colour, and superior high-gloss, satin, and matt finishes. The film is engineered for professional PPF and vinyl wrap installers working in the premium protection market, supporting controlled repositioning and a consistent restyling finish when installed using the Wet Hybrid Installation approach.

APPLICATIONS & FEATURES

The Arlon Colour Protection Film Series is engineered to offer both a stunning colour change and the ultimate protection for automotive paint finishes. It comes with a 5-year* warranty and features ultra-high gloss and vibrant colours. This film is characterized by its Wet Hybrid installation feature, ensuring a clean, bubble-free installation, and is made with self-healing TPU & PU. For large, flat panels such as bonnets, roofs, and full side sections, Wet Hybrid Installation is recommended using a light atomized mist of water on the vehicle surface only, with no shampoo. For small and convex parts such as mirrors, handles, antennas, and curved areas, either Dry Installation or Wet Hybrid Installation with a small amount of water only may be used.

- PET Cap sheet
- PET Liner with micro X-Scape Technology®
- Pressure-activated adhesive designed to support controlled repositioning and a consistent restyling finish
- Wet Hybrid Installation for large, flat panels, use a light atomized mist of water on the vehicle surface only, with no shampoo
- Dry Installation or Wet Hybrid Installation for small and convex parts such as mirrors, handles, antennas, and curved areas
- 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 colour 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 colour 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 (50°F to 95°F)
SERVICE TEMPERATURE RANGE	On clean, dry substrate (no impact on appearance or performance)	-18°C to 82°C (-0.4°F to 180°F)
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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