



ARLON

## ► Ultimate PremiumPlus™

### With Automotive-X

featuring **SOTT**

Ultimate PremiumPlus™ is an ultra-conformable cast automotive restyling color change film that is offered in multiple finishes and textures. The unique films provide exceptional conformability even on deep recesses and channels. The repositionable pressure-sensitive adhesive system is designed to perform well on new and smooth surface OEM vehicle paint. Ultimate PremiumPlus now has Automotive-X Technology to allow installers the benefit of a bubble-free installation. The vast array of colors and finishes allow you to customize your vehicle with special effects while maintaining a professional look and finish. Ultimate PremiumPlus is available in 60-inch widths for a one-piece application on a hood, roof and side panels (Chrome & Chrome Effects available in 52-inch widths). Customizing a vehicle body color or finish couldn't be easier. Ultimate PremiumPlus is rated for outdoor durability up to 3 to 6 years and up to 7 years for indoor graphics\*.

### ARLON RECOMMENDATIONS

Recommended post-heat surface temperature of vinyl installed: 203°F to 221°F (95°C to 105°C). Post heat must be applied gradually and approximately 5" from the film in order to prevent the matte from turning glossy.

### APPLICATIONS & FEATURES

- Unique cast vinyl wrap for Candy Colors, Matte, Matte Effects, Satin, Chrome & Chrome Effects.
- Ease of handling and installation while maintaining softness over time.
- Designed for full vehicle\* wraps.
- Warrantied for use on rivets, corrugations and channel structures<sup>▲</sup>.


### PERFORMANCE & PHYSICAL DATA


| PROPERTY                         | TEST METHODS   | TYPICAL VALUE   |              |
|----------------------------------|--|---|--------------|
| <b>SURFACE FINISH</b>            | Gloss Meter 60° Reflection   | Up to 10 Gloss Units (Carbon Fiber & Brushed Metal)<br>85 Gloss Units (Candy Colors, Chrome & Chrome Effects)<br>10 Gloss Units (Matte)<br>19 to 30 Gloss Units (Satin)                                   |              |
| <b>THICKNESS</b>                 | Micrometer, Federal Bench Type   | 3.5-mil (89 Micron) Candy Colors<br>3.5-mil (89 Micron) Satin Colors<br>4-mil (100 Micron) Matte Colors, Chrome & Chrome Effects<br>4-mil (102 Micron) Brushed Metal<br>5.4-mil (137 Micron) Carbon Fiber |              |
| <b>TENSILE STRENGTH</b>          | Tensile Tester 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s) | ≥ 12.4 lb/in  | ≥ 2.21 kg/cm |
| <b>ELONGATION</b>                | Instron Tensile Tester as above  | ≥ 150% Black and White Films<br>≥ 80% all other colors and finishes   |              |
| <b>SHELF LIFE (IN BOX)</b>       | Ideal storage temperature 70°F (21°C) and 50% relative humidity                      | 2 years from factory shipment   |              |
| <b>OPTIMUM TEMPERATURE RANGE</b> | On clean, dry substrate  | 70°F to 80°F  | 21°C to 27°C |


\* 3 year outdoor durability for Candy Colors; 5 year outdoor durability for Ultimate PremiumPlus Textured Films and Silver Chrome; 6 year outdoor durability and 7 year indoor durability on Ultimate PremiumPlus Standard Finishes.


† For more information visit, [www.ultimatepremiumplus.com](http://www.ultimatepremiumplus.com) or [www.arlonautomotive.com](http://www.arlonautomotive.com).



▲ Complex curves and channel applications should be installed using Arlon's approved installation methods found at [www.arlon.com](http://www.arlon.com) and [www.wrapitright.com](http://www.wrapitright.com).



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## PERFORMANCE & PHYSICAL DATA (cont'd)

| PROPERTY                      | TEST METHODS                                 | TYPICAL VALUE  |               |
|-------------------------------|--|----------------|---------------|
| APPLICATION TEMPERATURE RANGE | On clean, dry substrate                      | 65°F to 85°F   | 18°C to 29°C  |
| SERVICE TEMPERATURE RANGE     | On clean, dry substrate                      | -40°F to 175°F | -40°C to 79°C |
| DIMENSIONAL STABILITY         | Shrinkage After 158°F (70°C), 48 hours aging | ≥ 0.010 in     | ≥ 0.25 mm     |
| PEEL ADHESION                 | PSTC-1, 15 min, 70°F (21°C)                  | ≥ 3.0 lb/in    | ≥ 0.68 kg/cm  |
| LINER RELEASE                 | TLMI Release at 90°, 300 in/min (760 cm/min) | 60 g/2 in      | 0.024 kg/2 cm |

Standard Terms and Conditions Apply

## DURABILITY

Ultimate PremiumPlus is a “premium” multi-layered film. Arlon’s basic color selections have been weather tested in a variety of rigorous direct exposure locations including Florida, Arizona and California. Custom color matches are derived only from “best weathering” pigments and stabilizer systems, incurring very high durability assurance at short development times. Some colors may vary due to nature of metallic effect. Actual horizontal weathering will be dependent on maintenance, location and elemental exposure.

Information is based on tests believed to be reliable, but neither accuracy nor completeness is guaranteed.

## STORAGE AND MAINTENANCE

Storing vinyl graphics in covered areas will help prolong the life of the vinyl by limiting its exposure to damaging elements such as sunlight and rain. Protecting a wrapped car in the garage can keep it sheltered from all types of weather and harmful pollution, both of which could wear out the horizontal surfaces of the car and cause damage to the paint underneath. Vinyl that starts to brown or show discoloration has been negatively affected by acidic pollutants and if not immediately removed could stain the paint. Taking extra steps to keep the vinyl covered when not in use will help extend the life of the vinyl and keep the car looking as good as it did when it was first wrapped.

Recommend to store Chrome Effects rolls vertically to avoid mottling.





Please note that Silver Chrome includes a clear cap liner over the film to protect the film from scratches and dirt. For additional information about the cap liner, including when and how to remove it, reference [www.wrapitright.com](http://www.wrapitright.com).








## 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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