



Series 4600LX

With X-Scape Technology

High Performance Color Change Automotive Restyling Film

Series 4600LX is a 3.2-mil (80 micron) high performance color change automotive restyling film with a repositionable tinted adhesive system. The repositionable light gray adhesive allows for easy installation and ensures clean removability over the life of the vehicle wrap. The new LX low profile X-Scape Technology provides installers the benefit of a bubble-free installation while maintaining a paint-like finish. Series 4600LX is designed to be easily applied without an overlaminates or transfer tape and still be ultra-conformable to handle a full vehicle wrap with moderate curves. Series 4600LX is rated for outdoor durability up to 5 years.

APPLICATIONS & FEATURES

- Designed for partial and full vehicle wraps.
- Conforms well to complex and moderate curves.
- Repositionable adhesive for ease of handling, installation and clean removal.
- Available in gloss and matte colors.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	≥ 80% (Gloss) ≤ 10% (Matte)	
THICKNESS	Micrometer, Federal Bench Type	3.2-mil (80 micron)	
TENSILE STRENGTH	Tensile Tester 2-in (51mm) jaw separation; crosshead speed of 12 in/min (5.1mm/s)	10lb/in	1.77kg/cm
ELONGATION	Instron Tensile Tester as Above	≥ 195%	
SHELF LIFE	Free from excess moisture, temperature, direct sunlight	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	50°F to 90°F	10°C to 32°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-20°F to 150°F	-29°C to 65°C
DIMENSIONAL STABILITY	Shrinkage After 158°F (70°C), 48 hours aging	< 0.010 in	< 0.25 mm
PEEL ADHESION	PSTC-1, 15 min, RT 70°F (21°C)	4.5 lb/in	.81 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	75 g/2 in	14.76 g/cm

*Standard Terms & Conditions Apply

Effective Date 02.13

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DURABILITY

Actual weathering durability depends on surface preparation, surface maintenance and exposure conditions. Successful weather resistance is characterized by the retention of legibility. Series 4600LX will resist weathering best when applied to vertical or upper outboard angles. Horizontal angles, such as hood and auto roof surfaces, will deteriorate more quickly than vertical. This is due to increased exposure to sun and moisture, as well as high deposition of dirt and atmospheric contaminants. Arlon does not recommend or warrant its film for horizontal or close horizontal applications.

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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