



ARLON

▶ SLX[®]+

Premium Cast Digital Film with FLITE Technology[®]

SLX[®]+ is a 2-mil (50 micron) premium gloss white cast film with FLITE Technology[®]. Designed for full and partial vehicle wraps and fleet applications, SLX+ features an optimal initial tack to ensure high repositionability with quick anchoring and build a strong bond while removing clean at the end of the wrap life. The optimized performance of SLX+ improves all-weather application performance and cutting & weeding, while maintaining a high conformability in complex areas such as rivets, curves, and deep channels. SLX+ has a tinted, permanent pressure-sensitive adhesive that provides excellent opacity and a low profile air egress liner that aids in easy installation and provides a smooth finish. SLX+ is rated for outdoor durability up to 10 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Optimized product construction designed for vehicle and applications, including stainless steel
- FLITE Technology[®] allows superior repositionability & snap-up, with strong anchoring to ease large panel installation
- Excellent conformability for installing complex curves, deep channels, and rivets
- Designed for cutting and weeding letters 2" (5 cm) or greater
- Vibrant and reliable print quality on Eco-Solvent, Solvent, UV and Latex print systems
- Compatible with Series 3210, Series 3270, Series 3220, Series 3310 and Series 3200 Overlaminates

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	70 to 90 Gloss Units	
THICKNESS	Micrometer, Federal Bench Type	2-mil (50 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 4.5 lb/in	≥ 0.8 kg/cm
ELONGATION	Instron Tensile Tester as above	Average 190%	
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	60°F to 90°F	15°C to 33°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°F to 176°F	-40°C to 80°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.010 in	0.24 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	2.8 lb/in	490 N/m
	PSTC-1, 24 hours, 70°F (21°C)	3.6 lb/in	630 N/m
	PSTC-1, 1 week, 70°F (21°C)	4.2 lb/in	736 N/m
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	50 g/2 in	9.84 g/cm

NOTE: Recommended post-heat surface temperature of vinyl installed: 203°F to 221°F (95°C to 105°C). The recommended post-heat temperature applies to the film and overlaminate wrap. Standard Terms & Conditions Apply.

USA

- 200 Boysenberry Lane, Placentia, CA 92870
- 800 232 7161 / +1 714 985 6300
- +1 714 985 6305

EUROPE

- Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
- +31 70 354 4311
- +31 70 355 7721

CHINA

- No. 1989 Xinchang Road, Weifang, Shandong, 262400
- +86 0536 6226568

OPTIMUM PERFORMANCE

Actual weathering durability depends on surface preparation, surface maintenance and exposure conditions. Successful weather resistance is characterized by the retention of legibility. SLX®+ will resist weathering best when applied to vertical or upper outboard angles rather than horizontal surfaces due to the nature of less UV exposure and moisture, as well as other contaminants. Use heat and/or chemicals when removing graphics from vehicle (Fleet & Vehicle Wrap Removal Tip #44 by visiting www.arlon.com).

STAINLESS STEEL

Stainless steel application with SLX+ is for smooth stainless steel surfaces. Clean removability is not guaranteed for installation on stainless steel surfaces. Arlon does not warranty discoloration or staining that may be visible after removal of SLX+ on stainless steel.

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.




TERMS & CONDITIONS

The following is made in lieu of all warranties expressed or implied:




All orders and purchases made in connection with this document are governed and limited by Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at <http://www.arlon.com/terms-and-conditions> or in hardcopy by request.

September 2020v1



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