



▶ SLX[®] Cast Wrap Film

Premium Cast Digital Film with FLITE Technology[®]

SLX[®] Cast Wrap is a 2-mil (50 micron) premium gloss white repositionable cast film with FLITE Technology[®]. Designed for full and partial vehicle and fleet applications, the film allows for a fast install, conforming around rivets, complex curves and deep channels with ease. FLITE Technology is a lite contact system allowing graphics to float over a substrate until firm pressure is applied. It guarantees the fastest installation while ensuring long-term bond and clean removability. SLX Cast Wrap has a tinted, permanent pressure-sensitive adhesive providing excellent opacity. The low profile, air egress liner aids with easy installation, resulting in a smooth finish. SLX Cast Wrap is rated for outdoor durability up to 10 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Ideal for full or partial vehicle and fleet wraps, and large decals.
- Fast, easy application for the novice and experienced installers.
- Vibrant and reliable print quality on Eco-Solvent, Solvent, UV and Latex print systems.
- Easy liner release maintaining the integrity of the graphic.
- Compatible with Series 3210, Series 3220, Series 3270 or Series 3310 overlaminates.

PERFORMANCE & PHYSICAL DATA

Certified for
HP Latex Inks

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	40°F to 100°F	4.4°C to 38°C
	On clean, dry substrate (corrugated with rivets and channels)	60°F to 100°F	15°C to 38°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)	≥ 2.4 lb/in	≥ 420 N/m
	PSTC-1, 24 hours, 70°F (21°C)	≥ 3.0 lb/in	≥ 525 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.

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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 Cast Wrap 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 (see Installer Handbook for details).

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.

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