



ARLON

▶ Ever Etched Cal

Printable Calendered Etched Glass Film with FLITE Technology®

Ever Etched Cal is a 3-mil (75 micron) calendered printable etched glass vinyl with FLITE Technology®. Etched glass vinyl is a more cost effective way to simulate sandblasting or etching that allows flexibility with design and can add an added layer of privacy. Ever Etched Cal is ideal for short term to medium term applications on glass, windows, mirrors, partitions, and displays. With the added benefit of the lite contact system of FLITE Technology combined with air egress channels, bubbles and wrinkles are minimized and a more efficient installation can be expected. Arlon recommends installing Ever Etched Cal using a Dry Application Technique. Ever Etched Cal is rated for an indoor durability up to 7 years (unprinted). Perimeter and exterior graphics are rated for up to a 5 year durability (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Best value printable calendered etched glass film on the market
- Dry application technique results in a faster and cleaner process
- FLITE Technology® allows repositionability of graphics with ease
- Ideal for interior and exterior applications on glass, windows, mirrors, partitions, and displays
- Compatible with Eco-Solvent*, Solvent*, Latex, and UV print systems

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	6 to 20 Gloss Units	
THICKNESS	Micrometer, Federal Bench Type	3-mil (75 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 10.0 lb/in	≥ 1.79 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE (IN BOX)	Ideal storage temperature 70°F (21°C) and 50% relative humidity	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	60°F to 90°F	10°C to 30°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	40°F to 100°F	4.5°C to 37°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours aging	10-mil to 30-mil	0.25 mm to 0.75 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	1.6 lb/in	0.30 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760cm/min)	90 g/2 in	20 g/cm

Standard Terms & Conditions Apply

*Pre-mask recommended for installation when Eco-Solvent or Solvent printed

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INSTALLATION

Ever Etched Cal is recommended for Dry Application only. Due to the air channels in the adhesive, application fluid will be trapped in the channels leaving an undesired appearance after application that will not disappear overtime if wet application is used.

APPLICATION TO GLASS

Arlon accepts no liability for glass breakage. Glass may break under the stresses caused by temperature changes across the surface, which could be amplified by the application of vinyl film.





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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