

AURA® 139 Flexicast™ Fluorescent Vinyl



Exterior 3 year and Chapter 8 (UK) compliant

Product Description

Aura Optical Systems' AURA® Flexicast™ Fluorescent Vinyl is a premium cast PVC adhesive film intended to provide enhanced visibility to signs, graphics or vehicle markings, in daylight conditions, and during low light hours of dusk or dawn. It is specifically formulated to provide enhanced colour durability compared with competitive fluorescent products for longer outdoor use. Meets the requirements of Chapter 8 (UK).

Features & Benefits

- Fluorescent high visibility film for conspicuity vehicle marking in daylight and low light conditions.
- Exterior durability 3 years.
- Meets the requirements of Chapter 8 (UK).
- The fluorescent yellow features a yellow base colour, to retain appearance over time and prevent fade to white.

Face Film

Face Film	Premium Cast Vinyl
Gauge (Film)	150 micron nominal - Yellow

Adhesive

Type	Permanent acrylic.
Adhesion to aluminium:	
24 hour	20N/25mm nominal
Application temperature	+15°C to +40°C

Release Liner

Print	Unprinted
Type	Poly-Coated Paper Liner

Finishes

Finishes Available	MFE-139FC-13 Yellow/Green
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Roll Presentation

Roll Widths	1.22m
Roll Lengths	50m

Durability

Shelf Life	Use within 1-year of receipt of the product (10-20°C and 50% R.H). Store rolls in original shipping carton
External weathering	Up to 3-years for vertical exposure. The fluorescent appearance will typically fade to a non-fluorescent color within this time frame. Refer to full Metamark International durability guide.
Fire Rating	Self-extinguishing.

Cutting & Application

AURA® 139 Flexicast™ can be computer sign cut on a wide variety of industry plotters. For best results, use radius corner fonts. Adjust cutting knife pressure to cleanly cut through the face film without penetrating the release liner. A 30° degree knife blade works best. AURA® 139 Flexicast™ should be conditioned above 15°C (60°F) for at least 24-hours prior to conversion. After cutting, store sheets flat. Avoid rolling or sharply bending the film as this may cause the release liner to separate from the adhesive. Carefully weed the film to avoid damaging any cut letters or symbols. After weeding, store sheets flat and avoid excessive bending or rolling of the film. A transfer tape can be applied by hand using a hand-roller or hand-squeegee or through the use of a squeeze roll laminator. If applying transfer tape by hand, always work from the centre towards the outside of the sheet in both directions to avoid bubbles or wrinkles in the film.

AURA® 139 Flexicast™ Fluorescent Vinyl is intended for use on smooth, flat surfaces or gentle curves. It is important to apply the product unstressed without stretching, especially to curves or recesses. It is not suitable for application over rivets or complex curves and should not be used as a wrapping film. It is recommended to cut back the material from edges or complex curves to avoid any possibility of lifting leading to water ingress. Lamination of the product should occur using a firm squeegee or hand roller. Always work from the centre towards to edges to avoid bubbles or wrinkles in the film.

After lamination of AURA® 139 Flexicast™ to the sign substrate, carefully remove the transfer tape at as low an angle as possible. After removal of the transfer tape, reapply pressure over the AURA® 139 Flexicast™ film to ensure proper adhesion.

MetaSure® Warranty

Metamark (UK) Limited warrants to its customers that graphics produced using Metamark Media and Overlaminates will remain in good condition without excessive fading or colour degradation for the specified life time of the ink used, when correctly stored, printed and applied in accordance with procedures outlined in the technical literature. If within the specified years of normal use Metamark Media and Overlaminates becomes ineffective for its intended use, then Metamark will provide sufficient material to produce a new replacement marking, and will at its own discretion, contribute an allowance in additional material towards the costs involved in replacing the graphics. In all cases, the converter is held fully responsible for storing, processing and applying the unconverted materials in accordance with Metamark's technical specifications. Metamark (UK) Limited will not be liable for any indirect or consequential loss or damage, and will not provide any allowance against improper usage, application accident, negligence, chemical damage or improper repair. The above data is given in good faith to provide an indication of the performance of the product. Purchasers should consider the suitability of each product for its intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product nor for incidental nor consequential loss.

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