

# AURA® 139 Fluorescent Vinyl

Exterior 3 year and Chapter 8 (UK) compliant



## Product Description

Aura Optical Systems' AURA® 139 Fluorescent Vinyl is premium calendared 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

- Fluorescent high visibility film for conspicuity vehicle marking in daylight and low light conditions.
- Exterior durability 3 years.
- Meets the requirements of ECE-70, and Chapter 8 (UK) Compliant.
- The fluorescent yellow features a yellow base colour, to retain appearance over time and prevent fade to white.

Face Film		Finishes	
Face Film	Premium Calendared Vinyl	Finishes Available	MFE-139-13 Fluorescent Yellow
Gauge (ISO 2286-3)	160 micron nominal - Yellow 95 micron nominal - Red		MFE-139-15 Fluorescent Red
Adhesive		Durability	
Type	High Tack Permanent	Shelf Life	Use within 1-year of receipt of the product (10-20°C and 50% R.H). Store rolls in original shipping carton
Application temperature	+15°C to +40°C	External weathering	Up to 3-years for vertical exposure. Refer to full Metamark International durability guide.
Release Liner		Fire Rating	Self-extinguishing.
Print	Unprinted		
Roll Presentation			
Roll Widths	1.22		
Roll Lengths	50m		

## Cutting & Application

AURA® 139 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 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 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 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 film to ensure proper adhesion.

## MetaSure® Warranty

Metamark (UK) Limited warrants to its customers that graphics produced using Metamark products 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 products 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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