

AURA® 144 Conspicuity Tape

Regulation ECE-104 Class C Compliant



Product Description

Aura Optical Systems' AURA® 144 High Intensity Prismatic Conspicuity Tape meets Regulation ECE-104 Class C, for the requirement of outlines onto the rear and sides of HGVs over 7.5 tonnes and trailers over 3.5 tonnes. The micro prismatic retroreflective tape offers up to 7 years durability. The metallised single layer construction avoids the need for edge sealing compared to other prismatic films. AURA® 144 is an omni-rotational product, it can be applied in either a horizontal or vertical position and does not have an orientation marking. The product carries ECE-104 approval and Aura® identification markings repeated throughout.

Features and Benefits

- Prismatic Conspicuity Tape compliant to Regulation ECE-104 Class C.
- For conspicuity outlines onto the rear and sides of HGVs over 7.5 tonnes and trailers over 3.5 tonnes.
- Metallised, single layer construction to prevent edge lifting and eliminate water ingress on cut letters or numbers.
- Aggressive high-tack adhesive for bonding to many different sign substrates.

Face Film		Roll Presentation	
Face Film	Micro Prismatic	Roll Size	50mm x 50m
Construction	Metallized with vacuum deposited aluminium		
Film	225 mic		
Adhesive		Finishes	
Type	Aggressive high-tack adhesive.	Finishes Available	MRF-144-00 Prismatic White MRF-144-01 Prismatic Yellow MRF-144-02 Prismatic Red
Adhesion	> 15.0 N/25mm		
Application temperature	+15°C to +40°C		
Service Temperature	-30°C to +70°C		
Release Liner		Durability	
Type	Clear Polyester	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 7 years for vertical exposure. Refer to full Metamark International durability guide.

For full optical specifications refer to www.auraopticalsystems.com

Application Guidelines

Apply AURA® 144 to surfaces above 15°C (60°F). The surface should be cleaned with Metamark Surface Clear or IPA. Not suitable for use over raised rivets, corrugations, or onto flexible curtain sides. Wet application method is NOT recommended. For application to plastic substrates, especially low surface energy plastics, it is important to flame treat (or otherwise surface treat) the plastic substrate prior to application. Although AURA® 191 is supplied with an aggressive high-tack adhesive

suitable for many plastics, it should be noted that all plastics are different. Many plastics, including fiberglass laminates, may contain ingredients or components that may migrate to the surface and adversely affect the adhesion or performance of the reflective sheeting. Similarly, the adhesive of AURA® 191 contains components that could potentially migrate into the plastic substrate. The user should always test the performance of AURA® 191 on their specific substrate.

MetaSure® Warranty

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Metamark (UK) Limited

○ Luneside • New Quay Road • Lancaster • LA1 5QP • Tel +44 (0)1524 387140 • Fax +44 (0)1524 387147
○ Metamark House • Octimum Business Park • Forsyth Road • Woking • GU21 5SF • Tel +44 (0)1483 571111 • Fax +44 (0)1483 570540

sales@metamark.co.uk
www.metamark.co.uk