

# AURA™ 121 PET Engineering Grade (“printable”)

Product Code: 0121

Product Data Bulletin

## Product Overview

AURA™ 121 PET Engineering Grade (“printable”) sheeting is an enclosed lens retroreflective sheeting intended for use on signing applications requiring durability of up to 3-years, including traffic signs, advertising graphics, or promotional signing. Made with a polyester face film, the sheeting is strong and rugged for demanding short-term signing applications. The polyester face is pre-treated with a thin top-coat for improved printability with many different ink systems. It is supplied with a permanent pressure-sensitive adhesive and easy-release paper liner.

## Physical Characteristics & Properties

Durability	Up to 3-years, when properly converted and vertically installed
Retroreflective Elements	Glass beads (Enclosed lens)
Film Thickness	135µm (approximately 5.5 mils) (excluding release liner)
Face Film	Polyester (PET)
Adhesive	50µm (2 mils) Permanent pressure-sensitive adhesive
Release Liner	Poly-coated paper liner
Application Surface	Flat surfaces only such as aluminum. Not recommended for unpainted stainless steel.
Application Temperature	15°C (60°F) minimum

## Color Availability

Product Code	Color
0121-00	White
0121-01	Yellow

Other colors available upon request.

## Retroreflection

Typical Coefficient of Retroreflection at 0.2° Observation Angle / -4° Entrance Angle.

Color	R <sub>A</sub> (cd/lx/m <sup>2</sup> )
White	60
Yellow	40

## Roll Sizes

AURA™ 121 PET Engineering Grade (“printable”) is available in 45.7 meter (50 yard) rolls in different widths up to 1240mm (48 inches).

## Storage

Store in a cool, dry area. Use within 1-year of receipt of the product. Store rolls in original shipping carton or suspend horizontally from a rod through the core.



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## Warranty Information

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*The following is made in lieu of all other express or implied warranties. **No implied warranty of merchantability or fitness for a particular purpose is made.*** Aura Optical Systems products are warranted to be free from defects in material or workmanship for a period of one year from date of shipment if the product is properly stored and/or applied. Aura Optical Systems' sole obligation shall be to replace such quantity of product proven to be defective. Aura Optical Systems shall not be liable for any injury, loss or damage, direct or consequential, whether foreseeable or not, arising out of the use or of the inability to use the product.



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