

ClearLam

Key Features

- Optically Clear Polyester
- Short to Mid-Term applications
- External/Internal applications
- Flat Surfaces
- Gloss Level: 125 (avg.) at 60°

Product Features and Applications

25µ optically clear polyester coated with a clear permanent adhesive
Available with PET Liner.

Applications:

- Long-term external/internal flat window graphics decorations.
- Not designed for use on curved surfaces.
- Allow at least 24 hours for the inks to dry and degas before lamination.
- Allow at least 12 hours between lamination and application.
 - ◆ *Cold lamination only with proper tension control to prevent wrinkles and tunnelling (do not stretch the film)*
 - ◆ *The printed substrate must be cool*
 - ◆ *It can be cleaned with non-abrasive detergents without becoming cloudy*

Key Benefits

- Dimensional Stability: Excellent
- Humidity Resistance: Excellent
- Solvent Resistance: Excellent
- Water Resistance: Excellent
- UV Resistance: Good to excellent.
- FDA approved
21 CFR 175.105
21 CFR 177.10520
- ClearLam is designed to protect the graphics from UV, water and chemical agents.
- ClearLam prevents the film's holes from filling with water when it rains or when the window graphics are washed.
- ClearLam ensures optical clarity, an increased image life and an attractive finish.
- The lamination is rigid enough to cover perforations
- Not recommended for printing

Technical Information

- ¹ if stored on vertical position (AA Zone 1).
- ² Immersion in water is not recommended.

Guidelines:

we recommend an absolute minimum of 24 hours between printing and application of the film and a at least 12 hours before installation. Darker prints may require longer.

Lamination is highly recommended for vehicle applications in order to prevent poor visibility when exposed to rain and dirt. We recommend ClearLam for flat surfaces and CurvaLam for flat and slightly curved surfaces.

Lamination must be done on perfectly cured/dried ink.

Use a cold lamination (recommended method) and provide the proper tension control to prevent wrinkles and tunnelling from occurring (do not stretch the film)

The printed substrate must be cool

It can be cleaned with non-abrasive detergents without becoming cloudy

- For further information please refer to our Technical Bulletin or contact us

Film	25μ optically clear polyester
Adhesive	20μ clear permanent water based pressure sensitive adhesive
Liner	38μ PET
Standard Width	100cm, 137,2cm, 152,4 cm
Standard Length	50ml
Expected Lifetime Exterior ¹	2 years
Storage Stability ¹	2 years shelf life if stored at 21° and 50% relative humidity
Minimum Application Temperature	+4° C
Service Temperature Range	-17° C to 62° C
Dimensional Stability	Excellent
Solvent, UV and Humidity Resistance	Excellent
Water Resistance ²	Excellent
Chemical Resistance	Resistance to ammonium hydroxide-10%, antifreeze, detergent, distilled water, gasoline and motor oil-SAE 20

Warranty

Information provided above is based upon tests that are believed to be reliable. There are intended as a source of information and do not constitute a warranty. ClearFocus takes great pride in ensuring tight quality control and we warranty our products to be free from visible defects at the time of sale. Any material showing visual defect at the time of sale will be replaced without charge. Our liability is limited to the costs of material and ClearFocus shall in no circumstances cover expenses associated to the transformation and/or application of its products.