

EconoLam Data Sheet

Product Code: ELPL50

As at 1st January, 2024

Applications	Protective overlamine for Clear Focus One Way Vision EconoVue or EnviroVue. Protects graphics against marking and scuffing, enhances the water resistance of graphics and provides UV protection, thereby increasing the life of the printed image. For application onto exterior mount absolute flat surfaces only, such as building windows and glass doors. Do not apply to car/van/ute windows or windscreens. Refer to the <i>Recommended Overlaminates Fact Sheet</i> .
Makeup	Transparent gloss cold-laminating PET film with an ultra-clear permanent pressure sensitive solvent polyacrylate adhesive and single layer transparent polyester release liner.
Film Thickness	36 microns, excluding thickness of adhesive.
Release Liner	25 microns.
Adhesive	Permanent solvent acrylate adhesive. Adhesion 10-12 N per 25mm after 24 hrs (FINAT TM1).
Standard Widths/Lengths	1370mm x 50m on 76mm core.
Dimensional Stability	Excellent. No shrinkage in X and Y axis directions (FINAT TM14).
Application Temperature	Recommended: 15°C to 25°C, Min: 10°C Max: 30°C On clean dry substrate
Service Temperature Range	-20°C to +65°C
Expected Lifetime Exterior	At least 3 years outdoor when applied vertically. Colour fading is dependent upon the quality and type of inks used, degree and angle of sun exposure and ink load when printing. Testing is recommended before production to determine suitability of product for intended application.
UV Resistance	Good
Sea Water Resistance	No variation after 48 hours at 23°C exposure to sea water (DIN 50021).
Storage Stability	1 year shelf life when stored at 21°C & 50% relative humidity.
Printing	Not printable.
Matching Substrate	EconoVue or, EnviroVue only. Do not overlaminate any other substrate or vinyl. Flatbed lamination only.
Lamination	Refer to our <i>One Way Vision Laminating Information Sheet</i> . Ensure printed graphic is completely de-gassed and dry prior to laminating. Ensure printed graphic is clean, free of grease and other contaminants. For application to perforated vinyl, use cold press laminator, flatbed laminator only . Do not use heat. Do not compress or stretch laminate onto perforated film. Wait 24 hours after lamination before application to window.
Warranty and Disclaimer	12 months from date of purchase. Refer to the <i>Warranty Statement Fact Sheet</i> .

The information in this data sheet is presented for reference and illustration of general product characteristics only. The information does not constitute a representation or warranty relating to the suitability or fitness for a particular application or otherwise create guarantees of product performance. **In all cases, purchasers should independently determine, prior to use, the suitability of this product for their specific application.**