Product Codes (1370mm): ALPL50

Product Codes (1520mm): ALPL5060

Product Codes (1370mm): CFCVL50

AutoLam/Curvalam NZ Data Sheet

As at 1st Jan 2024

Applications	Protective optically clear cast overlaminate for Clear Focus One Way Vision polymeric calendered perforated films. 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 flat or simple curved surfaces. For use with vehicle graphics. Refer to the Recommended Overlaminates Fact Sheet.
Makeup	Cast gloss flexible vinyl cold-laminating film with an optically clear permanent pressure-sensitive acrylic removable adhesive and single layer PET release liner.
Film Thickness	50 microns, approx., for vinyl only.
Release Liner	50 microns, approx. Matte finish.
Adhesive	Solvent clear high tack removable polyacrylate adhesive. Adhesion >= 15N/25mm after 24 hours. Tensile strength along is 32 MPa min. and across is 30 MPa min. ASTM 882-02
Standard Widths/Lengths	1370mm x 50m (ALPL50 - NZ CFCVL50) 76mm core 1520mm x 50m (ALPL5060) on 76mm core
Dimensional Stability	Excellent. No shrinkage in cross direction, 1mm max in length. FINAT TM14. Elongation at break for along is min 280% and across is min 250%. ASTM D882-02.
Application Temperatures	Recommended: 15°c to 25°c, Min: 10°c Max: 35°c On clean dry substrate in shade
Service Temperatures	-20°c to +65°c
Durability	At least 5 years for external vertical applications. Colour fading is dependent upon the quality and type of inks used, degree of sun exposure and ink load when printing. **Testing recommended before production to determine suitability of product for intended application.**
Storage Stability	12 months not in direct sunlight when stored at 23°c & 50% relative humidity
Gloss & Optical Level	90% gloss when measured at 60° reflection. Maximum optically clear property is at 90°, reducing as the angle decreases off the perpendicular. May take 2-4 weeks after installation for optically clear property to become apparent.
Printing	Eco/Solvent, Latex and UV-Cure. – High tech removable adhesive.
Matching Substrates	AutoVue, PromoVue, OneVue. **Do not overlaminate to EconoVue, EnviroVue, GrafixVue, ImageVue or any other film.**
Lamination	Refer to our One Way Vision Laminating Information Sheet. For application to perforated vinyl, use cold laminator machine. Do not use heat. Do not compress or stretch laminate onto perforated film. Wait 24 hours after lamination before application to window. Apply to clean, dry glass surface. Dry apply. Follow our Installation Fact Sheets.
Warranty and Disclaimer	12 months from date of purchase. Refer to the Warranty Statement.

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 test and independently determine, prior to use, the suitability of this product for their specific application.**