

# CurvaLam Data Sheet

As at 1<sup>st</sup> January, 2024

Product Codes (1370mm): CVCFL54X150

Product Codes (1520mm): CFCVL60X150

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|--------------------------|---|
| Applications             | Protective optically clear cast overlaminate for Clear Focus One Way Vision polymeric calendared 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 adhesive and single layer frosted PET release liner.  |
| Film Thickness           | 76 microns, approx., for vinyl and adhesive.  |
| Release Liner            | 51 microns, approx.   |
| Adhesive                 | Permanent acrylic adhesive. Adhesion 0.625 kg/cm. Tensile 0.8 kg/cm.  |
| Standard Widths/Lengths  | 1370mm x 45.7m (CFCVL54X150) on 76mm core<br>1520mm x 45.7m (CFCVL60X100) on 76mm core  |
| Dimensional Stability    | Excellent. 137 microns after 48 hours at 70°C   |
| Application Temperatures | Recommended: 15°C to 25°C, Min: 5°C Max: 38°C (in shade)<br>On clean dry substrate  |
| Service Temperatures     | -17°C to +60°C  |
| Expected Lifetime        | 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. <b>Testing recommended before production to determine suitability of product for intended application.</b>   |
| UV Resistance            | Good to excellent   |
| Chemical Resistance      | Good. Detergents – No Effect 1 <sup>st</sup> 24 hours. Petrol and Oil – No effect 1 <sup>st</sup> 10 mins. 100% Ammonium Hydroxide – No effect 1 <sup>st</sup> 10 mins  |
| Storage Stability        | 12 months shelf life when stored at 21°C & 50% relative humidity  |
| Gloss & Optical Level    | 60-90% (crystal) 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                 | Not printable.  |
| Matching Substrates      | AutoVue, ClassicVue, PromoVue, OneVue. <b>Do not overlaminate to EconoVue, EnviroVue, GrafixVue, ImageVue or any other film.</b>  |
| 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.**