Laminating Film
CL50CYA

CL50CYA is a clear, gloss cast PVC laminating film featuring a polyester liner. CL50CYA laminating film is intended for lamination onto Contra Vision® perforated self-adhesive vinyl to prevent water and dirt filling the perforated holes and impairing through vision. This film also offers UV protection, increased image life and an attractive gloss finish. Performance™ perforated self-adhesive vinyl laminated with CL50CYA is designed for use on flat and gently curving surfaces.

Face Film	Clear gloss cast PVC
Adhesive	Transparent, permanent, solvent polyacrylate
Adhesive Weight	20g/m²
Liner	Single-sided silicone-coated polyester
Liner Weight	36g/m²
Service Temperature	-40°C to 90°C
Shelf Life	2 years under normal conditions at a temperature of 22°C and relative humidity of 50-55%

50µm
Film Thickness

3 - 4 years
External durability
on static applications

10°C min
Application temp

Peel Adhesion

Printed film on glass, typical value

13N/25mm
20 mins

16N/25mm
24 hours

Application Recommendations

General Guidance

Outgassing – Let Prints Breathe
Let perforated prints fully out-gas before laminating to avoid bubbling or adhesive failure. Pay particular attention to storage condition while print is outgassing and refer to ink manufacturers' recommendations.

Nip Pressure – Controlled and Even.
Use only the minimum nip pressure needed for full adhesion. Too much can distort the film. Watch for **silvering** (shiny patches in dark areas) which signals poor contact—adjust pressure or slow the feed.

Back-Brake Pressure – Keep It Light.
Apply just enough back-brake pressure to avoid creases. Too much tension can cause curling or edge lift. **Note:** Excessive tension may cause **necking**—narrowing or distortion near edges.

Storing and Transporting Laminated Graphics.
Store laminated prints flat where possible. If rolled, do so loosely with print side out to reduce tension.
Allow time for the film to settle before applying.

Precautions

Observe Before Application
Apply using **dry method only**. Do not use slip solutions, water, or surfactants.

Temperature Matters
Ensure substrate temperature matches material guidelines.

Allow an Application Margin
Leave a 3mm margin around the graphic. If sealing tape is used, increase the margin accordingly.

Technique

Trapped Air – Lift and Reapply
If air is trapped, gently peel back and reapply using a squeegee.

Squeegee Method – Hard, Not Harsh
Use a hard squeegee with light pressure. Avoid pushing the laminate into perforations. **Tip:** Squeegee through a waste liner (silicone side up) to prevent marks. and **do not use heat** when applying.

Application Stresses – Don't Stretch
Avoid stretching during install. Start with light contact, then press evenly to secure.

For more detailed information please visit **https://www.contravision.com/print-substrates/overlaminating/**

This document is intended as a source of information, is given without guarantee, and does not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of the product for their specific intended purpose.

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Fire rating

BS EN 13501. Certificate(s) can be found at **https://www.contravision.com/print-substrates/datasheets/**

Durability

Durability stated is for unprinted and untreated material correctly applied to an inert, vertical substrate subject to southern Australian region weathering conditions. Some printing inks and drying or curing regimes may reduce the expected lifetime of the printed graphic. Please consult your ink manufacturer for guidance. Incorrect application methods, inadequate window cleaning and preparation and incompatible window treatments may reduce the expected lifetime of the applied material whether printed or unprinted, overlaminated or unlaminated. Mechanically sustained damage, chemical damage and UV-degradation to printed, unprinted, laminated or unlaminated material may also reduce expected durability. Typical application life is eighteen months. All perforated window films are especially vulnerable to damage along the edges and corners, which may lead to premature failure.

Northern Region

3 years

Southern Region

4 years

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Environmental

For further information on the environmental benefits of using Contra Vision products and the efforts we're making to improve the sustainability of our material, you can search for "sustainability" on our website.

Substrate

This product is not recommended for use on glass with coatings such as anti-reflective, self-cleaning and scratch-resistance, which may be damaged during film removal.

Other information

Minimum lamination temperature: 10°C

For further information visit the Contra Vision Technical Hub at **https://www.contravision.com/print-substrates/technical-hub**

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