ScorchProtect™ Clear
CLPRG502B

ScorchProtect™ CLPRG502B is a Clear perforated self-adhesive vinyl with 50% transparency; and a removable, pressure-sensitive adhesive, featuring a Replacement Liner with Grayliner™ technology. For inside applied one-way vision graphics, print the image design as reverse-read and over-print with white and black ink layers. For inside applied backlit see-through graphics, print the image design as reverse-read and over-print with a translucent white ink layer. This allows an image to be seen on the outside of a window during the day while allowing viewing through from the inside, and during the hours of darkness allows the image to be backlit so that it can still be seen on the outside. A ghost reverse image of the print can be seen from the inside, although the mind will concentrate on the outside view and not the ghost image. This promotional film features a solid plastic liner and is intended for solvent, 'eco-solvent' and latex inkjet printing, and screen-printing.

Face Film	Clear polymeric calendered PVC
Adhesive	Transparent, removable, solvent polyacrylate
Adhesive Weight	35g/m²±3g/m²
Liner	Unperforated Replacement Liner. White paper: grey, PE and silicone coated on top side, backprinted with Contra Vision® Performance™ branding and PE coated on the back side.
Liner Weight	160g/m²±10g/m²
Shrinkage	x direction ≦0.6%, y direction ≦0.6% FTM14
Service Temperature	-25°C to 65°C
Shelf Life	3 years under normal conditions at a temperature of 22°C and relative humidity of 50-55%

Print Types

- Solvent
- Eco-Solvent
- Latex or Resin
- UV
- Screenprinting

Application Recommendations

- Apply the film using a **dry application method**.
- Clean surfaces thoroughly to clear from dust, grease or any contamination; final clean with soap and water, rinse, and dry.
- **Not to be applied** to fresh paint, ink, polycarbonate, rubber, plastic moldings, and certain PVCs—in case of doubt, test prior to final application.
- Recommended for flat or gently curved surfaces only.
- Cut film back at least 3mm from any edges so the film finishes on a flat surface.
- Film **must not touch** rubber window moldings.
- Trim side-by-side panels to form a butt seam—**do not overlap.**
- Follow minimum application temperature and avoid washing within 24 hours of application.

Printing Recommendations

Replacement Liner construction is not recommended for use with UV curing inkjet printers. Depending on the brand of ink and density of the print, "bridging" can occur over the perforated holes after removal of the Replacement Liner, in relatively dark areas of a design. This is eliminated with Universal Liner. We therefore recommend Universal Liner for UV inkjet printing. After printing the ink must be thoroughly dry, including in the perforated holes in order to avoid any contamination, particularly during lamination.

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.

180µm ±10µm
Film Thickness

50% ø2mm *0/5
Transparency
*Privacy Level

4°C min
Application temp

1 - 2 years
Durability
on static applications

Peel Adhesion
Printed film on glass, typical value

3N/25mm
20 mins

4N/25mm
24 hours

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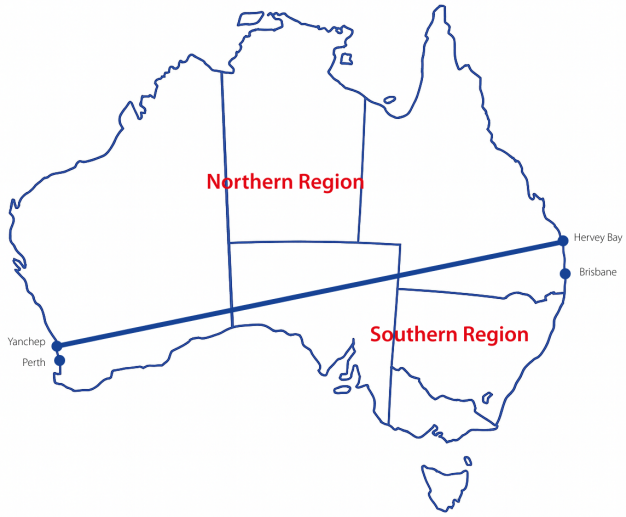
Fire rating

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, static (nonvehicular) substrate which is 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. There may be some discolouration with prolonged exposure to sunlight. All perforated window films are especially vulnerable to damage along the edges and corners, which may lead to premature failure.



Southern Region

2 years

Nothern Region

1 years

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Environmental

Contra Vision perforated window film is phlatate free and conforms to the latest REACH regulations - please refer to our website for further details. Contra Vision packaging is produced from recycled cardboard, with polypropylene end bungs and polyethylene wrapping. All of which are fully recyclable, subject to local recycling facilities. 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

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

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