

Product Name: <b>Ultra Clear PET Semi-Permanent</b>	Page: 1/2
Product Reference: <b>CL50YYRB</b>	Revision: 4 (CVS)
	Date: 12 January 2022
	Author: NR

## Description

Ultra Clear CL50YYRB is an optically clear unperforated PET film, with a semi-permanent adhesive, and a PET release liner. This film is intended for UV printing, and is suitable for wet application to glass or acrylic surfaces.

Typical Properties	
PROPERTY	VALUE
Face film	Ultra Clear PET
Film thickness	50µm (2 mils)
Hole pattern	N/A
Adhesive	Transparent, semi-permanent, solvent polyacrylate
Liner	Single-sided silicone-coated polyester; 36µm (1.4 mil) thick
Liner weight	
Application temperature	Minimum: 5°C (41°F) air and substrate
Peel adhesion 24 hours	21N/25mm (75 oz/in). Printed film on glass, typical value
Peel adhesion 1 month	21N/25mm (75 oz/in). Printed film on glass, typical value
Removability	Permanent adhesive
Durability	<p><b>2 years</b></p> <p>Durability stated is for unprinted and untreated material correctly applied to an inert, vertical substrate subject to Mid-European 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.</p>
Shrinkage	
Service temp	-25°C to 110°C (-13°F to 230°F)
Shelf life	2 years
Other info	Flamability (base film): UL 94 VTM-2

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## Regulations

Some countries and regions have laws or regulations requiring minimum light passage that may limit or preclude the use of this product on vehicle windows. The user is responsible for determining and complying with all applicable standards.

## REACH

Please refer to our website for further information on how our products conform to REACH regulations.

## Substrate Recommendations

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.

## Application Recommendations

This material is suitable for wet application method only. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination. Not to be applied to fresh paint or ink, polycarbonate, rubber, plastic mouldings and certain PVCs. In case of doubt, please test prior to final application.

The film must not touch the rubber window molding. If two graphic panels meet side by side on a window, carefully trim the film so that the panels meet and form a butt seam. Do not overlap the panels.

Do not wash within 24 hours of application to allow the adhesive to reach its ultimate strength.

## Printing Recommendations

UV printing only

## Contact Information

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