

Product Name: <b>Performance™ Black Perforated Film</b>	Page: 1/2
Product Reference: <b>BBPRW20A</b>	Revision: 4 (CVS)
	Date: 23 February 2021
	Author: NR

## Description

BBPRW20A is a black perforated self-adhesive vinyl with 20% transparency; and a semi-permanent, pressure-sensitive adhesive, featuring a white Replacement Liner. It is intended for the production of dual-color signage. When applied to the outside surface of the translucent panel of a built-up back-lit sign, the sign appears black during the day and when not back-lit, and takes on the colour of the translucent acrylic when back-lit at night. This film features a solid paper liner optimised for easy removal, and is suitable for solvent, 'eco-solvent' and latex inkjet printing.

Typical Properties	
PROPERTY	VALUE
Face film	Black semi-matt polymeric calendered pvc
Film thickness	120µm ±10 µm (4.7 mils ±0.4 mils)
Hole pattern	20% transparency; 1.50mm (0.06") diameter holes
Adhesive	Transparent solvent polyacrylate
Liner	Unperforated Replacement Liner. White paper PE and silicone coated on top side only, backprinted with Contra Vision® Performance™ branding.
Liner weight	170g/m <sup>2</sup> ±10g/m <sup>2</sup> (7.17 oz/yard <sup>2</sup> ±0.42 oz/yard <sup>2</sup> )
Application temperature	Minimum: 10°C (50°F) air and substrate
Peel adhesion 24 hours	8N/25mm (28.8 oz/in). Printed film on glass, typical value
Peel adhesion 1 month	8N/25mm (28.8 oz/in). Printed film on glass, typical value
Removability	Not intended to be a removable product
Durability	3 years 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.
Shrinkage	x direction ≤0.6%, y direction ≤0.6% FTM14
Service temp	-25°C to 65°C (-13°F to 149°F)
Shelf life	3 years
Other info	

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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

Apply the film using a dry application method. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination. Final clean with soap and water. Rinse and dry glass after cleaning.

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.

This product is not recommended for use around a sharp angle where there is a limited area either side of the angle.

The film must not touch the rubber window moulding. 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.

Observe the minimum application temperature, and the graphics should not be washed 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.

After printing the ink must be thoroughly dry, including in the perforated holes in order to avoid any contamination, particularly during lamination.

## Contact Information

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