

Product Name: Performance™ Black Perforated Film	Page: 1/2
Product Reference: BBPAG20A	Revision: 2 (CVNA)
	Date: 12 May 2022
	Author: NR

Description

BBPAG20A is a black perforated self-adhesive vinyl with 20% transparency; and a semi-permanent, pressure-sensitive adhesive, featuring a Universal Liner with Grayliner™ technology. 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.

While not primarily designed for printed applications, this film is suitable for UV-cure, solvent, 'eco-solvent' latex inkjet printing, and screenprinting.

Typical Properties	
PROPERTY	VALUE
Face film	Black semi-matt polymeric calendered PVC
Film thickness	5.9 mils ±0.4 mils (150µm ±10 µm)
Hole pattern	20% transparency; 0.06" (1.50mm) diameter holes
Adhesive	Transparent solvent polyacrylate 0.83 oz/yard ² ±0.09 oz/yard ² (28g/m ² ±3g/m ²)
Liner	Part-perforated Universal Liner. Perforated silicone coated paper laminated with grey-printed paper backprinted with Contra Vision® Performance™ branding.
Liner weight	7.17 oz/yard ² ±0.42 oz/yard ² (170g/m ² ±10g/m ²)
Application temperature	Minimum: 50°F (10°C) air and substrate
Peel adhesion 24 hours	28.8 oz/in (8N/25mm) Printed film on glass, typical value
Peel adhesion 1 month	28.8 oz/in (8N/25mm) Printed film on glass, typical value
Removability	Not intended to be a removable product
Durability	3 years This is a polymeric calendered PVC with a durable semi-permanent adhesive. Unperforated, its expected durability would be 5 years. Perforated, its expected durability is 3 years. Durability stated is for unprinted and untreated material correctly applied to an inert, vertical substrate subject to Mid-European weathering conditions. Incorrect application methods, inadequate window cleaning and preparation may reduce the expected durability. Durability will be impacted by the orientation of the sign, in the northern hemisphere increased if facing north. Mechanically sustained damage, chemical damage may reduce expected durability. All perforated 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	2 years Under ordinary condition at temperature of 22°C (72°F) and relative humidity of 50-55%
Other info	

Product Name: Performance™ Black Perforated Film	Page: 2/2
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Regulations

N/A

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

Universal Liner construction, correctly printed, eliminates the “bridging” over the perforated holes that can occur with UV curing inkjet printers and Replacement Liner construction.

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

Contact Information

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