Laminating Film
CL20YYB

CL20YYB is an optically clear, gloss polyester overlaminating film featuring a polyester liner. CL20YYB overlaminating film is intended for lamination onto Contra Vision® Advance 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. CL20YYB overlaminating film can be used on Contra Vision® Campaign or Performance perforated window film for small-sized (<=300mm2) graphic panels applied to flat surfaces only.

Face Film	Clear gloss polyester
Adhesive	Transparent, permanent, solvent polyacrylate
Adhesive Weight	25g/m²
Liner	Single-sided silicone-coated polyester
Liner Weight	30g/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%

Application Recommendations

Curing & Lamination
Ensure the perforated vinyl is fully cured and dry before laminating. Use a cold laminator with even tension—just enough to avoid wrinkles or tunneling.
Important: Do not stretch the vinyl or laminate, as this can cause delamination or lifting after installation.
Recommended: 50–70 psi at 50–70 m/min. Always check your laminator's manual.

Curing Time Post-Lamination
Allow laminated prints to sit for at least 12 hours before installation so the adhesive can fully bond.

Rolling & Transport
If rolling, do so loosely with the laminated side out. When transporting, lay flat or roll onto a wide core to prevent wrinkling or tunneling. Use a shipping tube wide enough to accommodate the loose roll without pressure.

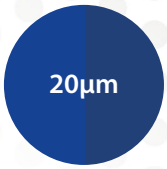
Installation Technique
Avoid stretching during application—films may shrink back, causing lifting. Use a firm squeegee with gentle pressure.
Edge Sealing: Optional but recommended for vehicles or harsh environments.

Edge Sealing Methods
Trim the print but not the liner, apply laminate, then cut with a 10mm overhang of laminate around edges.
After application, seal edges with 10mm strips of overlaminate equally over print and substrate.

Temperature & Moisture
Do not apply near minimum temperature if moisture is high—avoid trapping moisture in perforations.

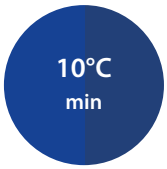
Cleaning After Installation
Wait 24 hours before washing. Clean with non-abrasive, non-solvent cleaners applied to a cloth.
Do not use power washers—high-pressure jets can damage the laminate or cause failure.

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



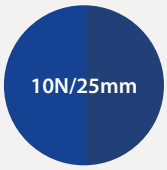
Film Thickness

Durability
on static applications



Application temp

Peel Adhesion
Printed film on glass, typical value



20 mins

24 hours

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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Laminating Film
CL20YYB

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 MidEuropean 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.

Zone 1; 3 years (Northern Europe, Italy (North of Rome))
Zone 2; 2 years (Mediterranean area (without North Africa), South Africa, Australia South Region)
Zone 3; 1 years (Gulf Area, Africa, Australia North Region)

For more information on zones and a map of the regions, please visit **https://www.contravision.com/print-substrates/datasheets/**

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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