



all print supplies ltd.

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Technical data sheet

Cling2 PE Clear

Gloss clear static self-cling PVC

PRODUCT DESCRIPTION

A smooth, gloss clear phthalate free highly plasticised monomeric calendered PVC film formulated for use with leading roll fed printers and sheet fed presses.

PRODUCT CONSTRUCTION

A 150micron clear PVC film supplied on a white heat stable PE coated paper.

PRODUCT SIZES

Available in rolls 1370mm x 50M and 1370mm x 25M. On a flush wound 76mm / 3" core. Print side face out.

TYPICAL USES

For self-cling internal and external graphics on windows and other smooth surfaces. For use with latex, solvent, eco solvent, UV, screen and offset inks. The product is recommended for flat-sided applications.

SHELF LIFE

Store in original packaging between 15°C to 20°C and 50% RH – away from excess sunlight and moisture. For best results product must be printed within 6 months of purchase.

PHYSICAL PROPERTIES (Average Values)

Tests made at 23°C and 50%RH unless otherwise stated

Nominal Film Thickness:	150 micron (±8%)
Nominal Liner Thickness:	185 micron (± 8%)
Nominal Film Weight:	175gsm
Nominal Liner Weight:	190gsm
Surface Energy:	min 32 Dyne/cm
Transparency:	min 85
Adhesive Data:	<1 N/100mm (Finat 1 test - 180° on glass)
Temperature Ranges:	
Minimum Application Temp:	plus 5°C
Service Range:	minus 10° to plus 50°C
Expected lifetime (once printed):	3 years indoor, 1 year outdoor (Based on Zone 1)
Flammability:	Sample mounted onto aluminium: self-extinguishing.
Solvent resistance:	The product has excellent water resistance and can be easily wiped clean with water and dilute household detergents. The product should not be exposed to most esters, ketones or petrol for cleaning purposes.

This product is manufactured in the UK, from components entirely sourced within the EU. The product does not contain any animal based raw materials and is fully REACH compliant

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APPLICATION DATA

Cling2 PE Clear is a heavily plasticised PVC film designed to cling to smooth surfaces such as glass.

For optimum performance, this product must be printed within 6 months of purchase.

This does not affect the life of the print. 3 years indoor, 1 year outdoor (Based on Zone 1).

Test prints are always recommended prior to commencing a print run to establish optimum print settings.

We can supply bespoke colour profiles for certain machines to help with this

The product must be allowed to acclimatise to print environment to ensure best results.

Ideally remove from packaging and leave free to acclimatise.

Timing will depend on storage conditions.

It can be printed in reverse and applied to the inside of windows.

For a more durable result, prints can be backed up with a white vinyl to give more punch and easier to see graphics.

When printed with solvent inks, sufficient time must be left after printing to allow the out gassing of the solvents in the inks. Prints must ideally be left flat and uncovered for at least 24 hours to allow this process to happen, especially in colder workshops.

Alternatively, printed rolls can be stored vertically in a loose spiral off the ground to allow outgassing.

We recommend wet application to give the best end result, however it can be applied wet or dry depending on the print size. See our online guide for advice on these techniques.