

Self-adhesive Vinyls

CrystalPoint™
Water
(eco) Solvent
UV Curable
UVgel
Latex

# IJM540 Self-Adhesive Universal Vinyl

## B1 110 µm

**Product Description** A matte finished, monomeric PVC film with a permanent adhesive for printing with aqueous inks. It is suitable for adhesion to flat and smooth surfaces. It is therefore an optimum solution for the production of POS applications and other indoor display and sign applications

<b>Physical Properties</b>	Thickness vinyl	110 µm	ISO 4593	Brightness	100 %	ISO 2470-1
	Thickness total	270 µm	ISO 4593	Adhesion after 24 hrs	14 N/25 mm	Finat FTM 1
	Weight total	290 g/m <sup>2</sup>	ISO 536	Flame retardancy	B1	DIN 4102

All values listed are target values

<b>Applications/features</b>	Indoor signage (posters, point of purchase)	High colour brilliance and optical density
	Exhibition panels	Up to 6 months outdoor with pigment inks
	Outdoor signage (outdoor inks)	High whiteness
	Construction boards	Resistant to scratching
	Shop (window) decoration	Good lamination properties

<b>Available Widths (mm)</b>	3" core	610	914	1067	1118	1270
	Refer for our current offering to <a href="http://www.canon-europe.com/mediaguide">www.canon-europe.com/mediaguide</a>					

**Storage Conditions** Shelf life: 2 years, Temperature 10-30°C, Relative Humidity 20-70%. Repack opened rolls when not in use.

**Print Conditions** Best results are obtained between 15-25°C and 30-65% RH.

**Environment, Health & Safety** No Material Safety Data Sheet required. Waste not suitable for recycling.

<b>Lamination Compatibility</b>	Cold	Warm	Hot	Cold: pressure sensitive Warm: heat activated: 85°C - 95°C Hot: heat activated: 105°C -130°C
	yes	No	no	

**Outdoor Use** This vinyl is suitable for outdoor use without lamination up to 6 months with pigmented inks. Short term with dye-based inks.

**Colour Profiles** Canon develops high-quality colour profiles for media / ink / printer / RIP combinations. Check availability of profiles for your printer on [www.canon-europe.com/mediaguide](http://www.canon-europe.com/mediaguide)

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## Processing Guidelines

### Printing guidelines

Allow material to adapt to room conditions for 24 hours before printing. It is recommended to handle the media with cotton gloves. Make sure that the media does not come into contact with grease, oil, silicon, and dirt to avoid printing defects. Insert the paper with care in the printer. Incorrect loading can cause skewing or creasing. It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printer ink combinations.

Ink restrictions and printer settings have to be set for specific printer-ink combinations to obtain the best results. Canon media profiles will set recommended ink restrictions and printer settings for Canon supported printers.

For UVgel technology, only compatible in matte print modes.

### Application guidelines

The material will stick to any even and smooth surfaces which are dry and free of dirt, grease, silicon etc. except nonpolar surfaces like PE and PP.

Before gluing it is recommended to check that the surface is appropriate for this aim and that it has been prepared (cleaned) professionally. When applying the vinyl the surface temperature should be above 15 °C.

The media can be used outdoor without lamination when printed with outdoor inks. However, we recommend protecting its surface if it is subject to abrasion or any other mechanical influences, to dirt or humidity. When dye inks are used, we recommend to always laminate the vinyl to improve the lightfastness and to protect it against smudging.

The vinyl can be removed by heating the surface of the film with a hot air gun. Then pull it off carefully.

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