

# SUMMER 2011 PRICE GUIDE

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Vinyls for Signmaking

Media for Solvent Printing

Media for Aqueous Printing

Print Finishing Films

Ancillary Products

Sheets for Signmaking

Inks for Solvent Printing



all print supplies ltd.



Northern Office  
Formerly Andersons, a part of  
All Print Supplies Ltd.

# Introduction to all print supplies Ltd.

We are delighted to introduce our new price list for Spring 2011.



There have been many changes since our last publication, including the complete absorption of Andersons, the Rotherham based national distributor of MACtac vinyls, into All Print Supplies Ltd. For the Andersons customers this means access to a wider range of products, and for the All Print customers it will allow access to all the MACtac digital products.



The HQ and warehousing remains in Slough and will look after the Southern region. The Northern region will be looked after by our sales office in Rotherham. These changes will allow us to work closer with all our UK customers.

**Since our last publication we have introduced many new products into our portfolio.**

**A small selection of these are as follows:**

- We have just launched a new 'Etched Glass Effect Films' swatch with 28 different glass decoration products which makes film selection for you and your customers as simple as possible. If you want to see the range then please contact us for a visit. We will also be launching a new speciality film swatch shortly.
- We have added the complete Mactac digital range of vinyls.
- In case you have not heard we have also extended our hugely popular "buy the metre" policy to include our print finishing range. This initiative allows you to improve your cash flow by only purchasing the odd metre of our digital and laminating products and still get it next day.
- New range of solvent inks for Mimaki and Roland printers manufactured by Nazdar.
- New range of carbon fibre films for full and partial wraps.
- New LP2800 solvent printable clear vinyls with solvent adhesives for window graphics.
- New LD3888 solvent printable vinyls with ultra tack adhesives for really 'difficult-to-stick' substrates.
- New ENDURO GUARD™ thick gloss laminates for the toughest applications.
- New anti-graffiti laminates for short & longer term protection of graphics from damage.



## What can we do for you?

We are fast, flexible and friendly and we understand the demands of our graphics customers. We've lived and breathed this sector for the last 20 years plus and think we know what our customers are up against; instant deadlines, last minute changes and time pressures. By being fast, flexible and friendly we should be able to reduce the stress levels in your business and help you to keep your customers happy.

## Service values

Customers are our life blood and we will do our utmost to make sure you are kept satisfied. From answering the phones quickly and efficiently right through to delivery of your material the next day. Stock outs are rare and we will make sure we will inform you as soon as they arise and try to offer an alternative.

## Southern Office

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all print supplies Ltd.

[www.allprint.co.uk](http://www.allprint.co.uk)

## History

We are one of the UK's leading suppliers of materials to the sign, exhibition and display market. Established in 1984 and operating from 26,000 ft<sup>2</sup> of modern premises in Slough, we provide a portfolio of thousands of products for next day delivery. We have slitting machines in-house and our own applications centre with printers and cutters. We currently employ over 30 people in Slough and another 7 who work at our Northern Sales Office in Rotherham. We are certificated to ISO9001:2000.

- 1984** all print supplies was established as a supplier of self-adhesive materials to the print sector
- 1987** Purchase first converting equipment to supply the rapidly growing Computer Aided Signmaking sector
- 1992** Gained ISO9002 / BS5750 accreditation
- 1996** Purchased new converting equipment to supply the rapidly growing wide format ink jet sector
- 1999** Launched the first 2 part print media for producing pop-ups on inkjet printers
- 2000** Became heavily involved in supplying solvent media for the RasterGraphics Arizona printer
- 2002** Launched a complete range of solvent media and moved to 26,000 square feet of new premises
- 2004** Introduced more media for the eco-solvent printers such as the Roland VersaCAMM
- 2006** Now over 60 different media for solvent printing
- 2007** Installed a 3.3M wide slitter for the superwide print market
- 2008** Installed a state of the art 6M x 4M board cutter for foam PVC, ACM etc
- 2009** Won 'SBEC Environmental Management Award'
- 2010** Purchased Andersons, one of our main competitors
- 2011** Fully absorbed Andersons into All Print servicing the North of England and introduced the complete range of MACtac digital products

## Delivery and Pricing Terms

Our standard delivery is by overnight carrier, on a next day service, nearly anywhere in the UK. Standard next day carriage is free on all orders over £135.00 (excluding VAT). Orders under £135, carriage is currently charged at £11.00 and next day before noon at £15.00.

Special deliveries are on a slightly more restricted basis and include next day by 9am or 10.30am, Saturday before 9am and Saturday am. The surcharges for these delivery services are as follows:

**Next day before 9.00am:** £27.00 (\*20kgs max weight)

**Next day before 10.30am:** £23.00 (\*20kgs max weight)

**Saturday before 9.00am:** £45.00 (\*20kgs max weight)

**Saturday am:** £33.00 (\*20kgs max weight)

\*Special Deliveries over 20kg incur additional delivery costs - please confirm at time of order.

Deadline for orders is generally 5.00pm. Due to pressures of orders and the practicality of meeting our carrier's deadlines this is a guide and cannot be guaranteed.

There is a nominal £6.00 per roll slitting charge, for slitting rolls of material down to narrower widths. For example, if you require a roll of 1300mm to be slit into 2 narrower rolls of 650mm wide, then the slitting charge would be £6.00. We cannot reslit material on 2" cores.

We offer a free sheet cutting service providing the maximum number of cuts is 8. For more than 8 cuts there is a nominal charge of £15.00 per sheet.

The sign products are all now offered on a 'no surcharge for standard rolls' basis. A standard roll is generally 10M, 25M or 50M (45M for some speciality items and 5M for some expensive items).

All prices are exclusive of VAT, unless stated otherwise and may be subject to change without notice. Please read our terms and conditions. Due to the complexity of use the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser should assume all risks regarding such use. All specifications are subject to change without prior notice.



Our stand at Sign and Digital UK 2009

## Ordering Materials



all print supplies ltd.

[www.allprint.co.uk](http://www.allprint.co.uk)

**The Sales Office is manned between 8.30am and 5.30pm Monday through Friday. You can place orders in various ways:**

### **Ring the Sales Office:**

#### **Southern Office:**

**Tel: 01753 696977 Fax: 01753 567733**

#### **Northern Office:**

**Tel: 0844 4488686 Fax: 08700 668662**

#### **Free Fax: 0800 374635**

#### **Email the Sales Office: [sales@allprint.co.uk](mailto:sales@allprint.co.uk)**

The Sales Office team consists of industry hardened staff who have practical hands on experience coupled with excellent customer service skills. The Field Sales team have decades of industry experience behind them to help guide you and ensure you receive the correct products in the correct time frames.

### **We can accept payment in many forms:**

#### **Cheque.**

Made payable to all print supplies ltd.

#### **Credit or Debit Card.**

We accept most credit cards, including American Express, and there is no surcharge for using them.

#### **Bank Transfer.**

This can be arranged.

#### **Credit Accounts.**

These are available upon satisfactory credit references.

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## Vinyls for Signmaking (Computer Aided Signmaking or C.A.S.)

We've introduced several new products to our Vinyls for Signmaking product range this year. We have a NEW glass etch swatch available consisting of 28 products for decorating windows, we also have additional coloured vinyl ranges from MACtac and a range of NEW carbon fibre films for partial and full wraps available in black, grey and silver.

### Some product highlights:

- **ASP90** - 90μ PVC free Silver etch glass film, with air free semi-permanent adhesive
- **MACfleet 6500 Pro Series** - Highly conformable and stable vinyl, ideal for fleet graphics - a real alternative to cast vinyl
- **LG Win Fog Glass Effect** - Available in clear, opal and black finishes
- **LG Win Mosaic Glass Effect** - Available in two finishes for distinctive glass effects
- **MAClite 5700 Series** - Conformable range of reflective vinyls for vehicle graphics
- **MACal 8000 Series** - Eye catching fluorescent vinyls for short term promotions

- **MACcrystal 8400 Series** - Gloss transparent vinyls in 10 vibrant colours for illuminated signs and window graphics
- **Carbon Fibre Effect Films** - for full and partial wraps, including black and silver finishes
- **Wipe Board Films** - available as a clear or a white film. The best wipe board films we have seen.

### Technical advice and support

For technical advice or support on how to get the best out of our media, call our sales office on 01753 696977 for the Southern Office, or 0844 4488686 for the Northern Office, or email: [sales@allprint.co.uk](mailto:sales@allprint.co.uk)

Let us take the hassle out of your material supply and enable you to concentrate on your customers. And don't forget that all the materials in our vinyl range are available "buy the metre" so you only need to buy what you need.



### Our range includes:

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All materials in our vinyl range are available by the metre

# Monomeric Calendered Vinyls for Signmaking

## JAC Serical Series

### 3 - 5 year intermediate gloss and matt outdoor



From the Avery Dennison Corporation comes JAC Serical, a 73 $\mu$  film designed for flat or slightly curved surfaces. Great value film with lots of colours and a treat to weed.

The Serical series is available in a range of gloss colours with a permanent adhesive for interior and exterior signs and also in matt colours with a removable adhesive, that can be removed from most substrates up to 1 year after application, for the exhibition and promotional markets.

The outdoor life is 5 years for Black and White, 3 years for the colours and 2 years for the metallics. 48 gloss colours and 48 matt colours.

Width	Colour	10M, 25M, 50M rolls
380mm	Black and White	£0.88 lm
610mm	Black and White Colours Metallics	£1.12 lm £1.34 lm £1.42 lm
1230mm	Black and White Colours Metallics	£2.25 lm £2.68 lm £2.85 lm



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

## MACal 8300 Pro Series

### 4 - 5 year intermediate outdoor

MACal 8300 Pro Series is a calendered vinyl for C.A.S.

It features a 70 $\mu$  film and is suitable for internal and external applications onto flat or slightly curved surfaces. The white is on a grey contrast release liner to help make weeding easier.

Outdoor life of 5 years for black and white, and 4 years for all the colours. 52 gloss colours.

610mm	Black and White Colours and Metallics	£1.49 lm £1.63 lm
1230mm	Black and White Colours and Metallics	£2.97 lm £3.27 lm
1524mm	Black and White	£3.68 lm



## MACal 8900 Pro Series

### 3 - 4 year intermediate indoor with removable adhesive



MACal 8900 Pro series is a calendered matt vinyl for C.A.S. We now stock both matt and gloss in this range. Features 70 $\mu$  film and a semi-permanent adhesive that can be removed without adhesive residue from most surfaces up to 2 years after application. The white is on a grey contrast release liner to help make weeding easier. Suitable for internal and external applications.

The expected outdoor life is 4 years for black and white, and 3 years for all the colours. 32 gloss and 52 matt colours.

The 8929.00 gloss white is now Class 0 fire rated.

610mm	Black and White Colours and Metallics	£1.80 lm £1.98 lm
1230mm	Black and White Colours and Metallics	£3.60 lm £3.95 lm
1524mm	Black and White	£4.46 lm



## Polymeric Calendered Vinyls for Signmaking

### LG LC6700 PLUS Series NEW

#### 5 - 7 years premium outdoor

Our best value polymeric film for longer-term vehicle type graphics.

The LC6700 PLUS series is a very high gloss and easy to weed polymeric film for C.A.S.

65 $\mu$  film with outstanding solvent adhesive performance.

The expected outdoor life is 8 years for black and white, 6 years for the colours and 5 years for the metallics.

Width	Colour	10M, 25M, 50M rolls
610mm	Black, White and Clear Colours and Metallics	£1.65 lm £1.80 lm
1220mm	Black, White and Clear Colours and Metallics	£3.30 lm £3.60 lm



### JAC Serisign High Performance Series

#### 6 - 8 year premium outdoor



Quality at affordable prices. From the Avery Dennison Corporation comes this very high gloss 70 $\mu$  polymeric on a 130gsm kraft liner which is the flattest lying release liner we have. It is the fastest weeding of our polymerics and has excellent opacity and low shrinkage. The whites are on a blue coloured release liner to make weeding easier. Suitable for internal and longer-term external applications.

The expected outdoor life is 8 years for black and white, 7 years for the colours and clear, and 5 years for the metallics.

58 gloss and 2 matt colours.

380mm	Black, White and Clear	£1.68 lm
610mm	Black, White and Clear Colours Metallics	£2.27 lm £2.50 lm £2.78 lm
1230mm	Black, White and Clear Colours Metallics	£4.53 lm £4.99 lm £5.55 lm



### MACal 9800 Pro Series

#### 7 - 8 years premium outdoor



MACal 9800 Pro is a polymeric calendered vinyl for C.A.S. 66 $\mu$  very high gloss and stable face film with superb opacity. This series is generally considered to be the leading European calendered marking film. We have been selling the range for 20 years for all kinds of applications. Fantastic gloss level and low levels of shrinkage. The whites are on a grey contrast release liner to help make weeding easier.

Now over 100 standard colours. Suitable for internal and longer-term external applications. The expected outdoor life is 8 years for black and white, 7 years for the colours and 5 years for the metallics. 99 gloss and 2 matt colours. The 9829.00 gloss white is now Class 0 fire rated.

380mm	Black and White	£2.20 lm
610mm	Black and White Clear and Colours SL Luminous colours	£3.00 lm £3.42 lm £3.64 lm
760mm	Black and White	£4.41 lm
1230mm	Black and White Clear and Colours SL Luminous colours	£5.99 lm £6.84 lm £7.28 lm
1524mm	Black and White	£7.43 lm



## Polymeric Calendered Vinyls for Signmaking

### MACfleet 6500 Pro Series

#### 8 - 10 years outdoor for fleet markings



MACfleet 6500 Pro is a soft laminated vinyl for C.A.S. 55μ gloss highly conformable and stable face film with superb opacity makes it the ideal alternative to a cast vinyl for fleet graphics.

The expected outdoor life is 10 years for Black and White, 8 years for the Colours and 6 years for the Metallics.

30 gloss colours.

Width	Colour	10M, 25M rolls
610mm	Black and White Clear and Colours	£4.85 lm £5.49 lm
1230mm	Black and White Clear and Colours	£9.69 lm £10.98 lm



### MACal Tuning Film ►NEW

#### 100μ, 10 years outdoors for vehicle wrapping

MACal Tuning Film are matt polymeric films for vehicle wrapping.

100μ matt film with a low tack repositionable adhesive.

The expected outdoor life is 10 years for black and white.

Available in matt black and white only.



Width	Colour	10M, 25M, 50M rolls
1524mm	Matt White and Matt Black	£14.56 lm



## Etched Glass Effect Films

### LS4550M

#### Opal Frost 3 years outdoor

LS4550M is our lowest cost etch film. 80μ Opal film is a very close match to the other Opal Frosts in the market. Blocks out 60% of UVa light. Suitable for internal and external applications. Outdoor life of 3 years. White Opal.

Width	Colour	10M, 25M, 50M rolls
610mm	Opal Frost	£1.90 lm
1230mm	Opal Frost	£3.80 lm
1530mm	Opal Frost	£4.75 lm

**Dimensional stability:** Very good. **Light transmission:** Excellent.  
**Privacy:** Good. **UV block:** Very good. **Printability:** Excellent.

### OC100

#### Opal Crystal 3 years outdoor

Our best value etch glass film. Developed as a lower cost and easier to weed version of LA8082. It features a heavily flaked calendered PVC film to imitate a sandblasted finish and has real sparkle at various viewing angles making window graphics really come to life. The solvent acrylic permanent adhesive can be applied wet with no adhesive milking and the release liner is coloured yellow to make weeding easier. OC100 allows more natural light through than any other of our window films making it ideal in less well lit locations whilst retaining good privacy values and at a price that fits most pockets. OC100 is best viewed through the adhesive side making it ideal for application to the inside of windows when it will be viewed from the street. It also retains its sparkle under a wider range of lighting and viewing angles than our LA8082 product.

610mm	Opal Crystal	£3.40 lm
1230mm	Opal Crystal	£6.80 lm

**Dimensional stability:** Good. **Light transmission:** Excellent.  
**Privacy:** Very good. **UV block:** Good. **Printability:** Excellent.

### ASP90

#### PVC free Silver with 'Air Free' semi-permanent 5 years internal

Launched due to requests for a PVC free but economical etch film. ASP90 Silver is a polyolefin film that has better environmental credentials than PVC alternatives. It also features an Air Free adhesive that allows this decorative window film to be applied dry. ASP90 Silver is a 90μ non-PVC etch film with an Air Free structured semi-permanent adhesive that can be removed from most glass up to 1 year after application with no adhesive residue. The Air Free adhesive allows the air trapped in dry application to escape easily leaving a bubble free finish. ASP90 Silver can be applied dry without the use of a liquid so fitting times are greatly reduced and application tapes can be stripped quicker than if applied wet. We would recommend our Conform 4075RLA application tape. The adhesive channels are not visible after application and it cuts and weeds the same as an ordinary etch film. Recommended for dry application only. For C.A.S. only as this product cannot be printed with any known current technologies.

610mm	Silver non-PVC	£3.79 lm
1260mm	Silver non-PVC	£7.58 lm

**Dimensional stability:** Excellent. **Light transmission:** Very good.  
**Privacy:** Very good. **UV block:** Good. **Printability:** N/A.

### AF80 Frosted and AS80 Silver

#### With 'Air Free' adhesive 7 years outdoor

Apply your decorative window films dry with these two etch films.

**AF80 Frosted** is an 80μ polymeric etch vinyl that is an easy-to-apply version of the other frosted vinyls we sell. AF80 Frosted has an Air Free structured semi-permanent adhesive that can be removed from most glass up to 1 year after application with no adhesive residue. The Air Free adhesive allows the air trapped in dry application to escape easily leaving a bubble free finish. AF80 Frosted can be applied dry without the use of a liquid so fitting times are greatly reduced and application tapes can be stripped quicker than if applied wet. We would recommend our Conform 4075RLA application tape. The adhesive channels are not visible after application and it cuts and weeds the same as an ordinary etch film. **AS80 Silver** has the same Air Free removable adhesive and other properties but with a silver tinted face film. Recommended for dry application only.

610mm	Frosted and Silver	£4.02 lm
1260mm	Frosted and Silver	£8.04 lm

**AF80 Frosted:** **Dimensional stability:** Good. **Light transmission:** Very good.  
**Privacy:** Excellent. **UV block:** Good. **Printability:** Excellent.

**AS80 Silver:** **Dimensional stability:** Good. **Light transmission:** Very good.  
**Privacy:** Very good. **UV block:** Very good. **Printability:** Excellent.

# LG Win Fog Glass Effect Films

## LG LC5520 NEW

### Clear Fog removable 5 years outdoor



This 130μ monomeric Clear Fog film has good obscurity values and still offers very good light transmission, allowing 90% of natural light to be transmitted. It also has excellent scratch resistance.

70% of UVa light is blocked making it very good at extending the life of internal furnishings and fabrics.

The combination of thicker film and removable adhesive makes this film easy to strip at the end of its useful life.

Width	Colour	10M, 25M, 50M rolls
610mm	Clear Fog	£3.09 lm
1220mm	Clear Fog	£6.18 lm

**Dimensional stability:** Very good. **Light transmission:** Very good. **Privacy:** Very good. **UV block:** Very good. **Printability:** Excellent.



## LG LC5521 NEW

### Opal Fog removable 5 years outdoor



This product supersedes the old 'Air Free' adhesive version that was called LC5221T Opal Fog. The only change is that LC5521 now features a removable adhesive. LC5521 Opal Fog is also great for stunning printed graphics that can be viewed from both sides with minimum colour shift.

The 130μ monomeric Opal Fog film not only has excellent obscurity values making it ideal for applications where privacy is important but it still offers very good light transmission, allowing nearly 80% of natural light to be transmitted.

It also has excellent scratch resistance. 90% of UVa light is blocked making it very good at extending the life of internal furnishings and fabrics.

A great all rounder.

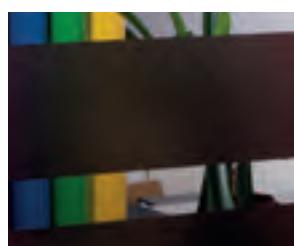
610mm	Opal Fog	£3.09 lm
1220mm	Opal Fog	£6.18 lm

**Dimensional stability:** Very good. **Light transmission:** Very good. **Privacy:** Excellent. **UV block:** Excellent. **Printability:** Excellent.



## LG LC5522 NEW

### Black Fog removable 5 years outdoor



A translucent black and one of the latest additions to the LG decorative film range.

The 130μ monomeric Black Fog film offers excellent obscurity values and will also reduce light transmission making it a good choice if you wish to darken a room. It also has excellent scratch resistance.

Over 95% of UVa light is blocked making it very good at extending the life of internal furnishings and fabrics.

The combination of thicker film and removable adhesive makes this film easy to strip at the end of its useful life.

610mm	Black Fog	£3.09 lm
1220mm	Black Fog	£6.18 lm

**Dimensional stability:** Very good. **Light transmission:** OK. **Privacy:** Excellent. **UV block:** Excellent. **Printability:** Excellent.



## LG Win Mosaic Glass Effect Films

### LG LC5540 NEW

#### Square Mosaic removable 5 years outdoor



A new addition to the LG decorative film range. One of our most eye-catching films featuring a square embossed pattern. The 130µ monomeric Square Mosaic film offers excellent light transmission, allowing around 90% of natural light to be transmitted.

It also has excellent scratch resistance.

Over 95% of UVa light is blocked making it very good at extending the life of internal furnishings and fabrics. The combination of thicker film and removable adhesive makes this film easy to strip at the end of its useful life.

Width	Colour	10M, 25M, 50M rolls
610mm	Clear Mosaic	£4.18 lm
1220mm	Clear Mosaic	£8.36 lm

**Dimensional stability:** Good. **Light transmission:** Very good. **Privacy:** OK. **UV block:** Excellent. **Printability:** Excellent.



A close-up view of the square mosaic effect pattern.

### LG LC5550 NEW

#### Pyramid Mosaic removable 5 years outdoor



Another new eye-catching window film in the LG Hausys decorative range.

The 130µ monomeric Pyramid Mosaic film offers very good obscurity values together with over 90% light transmission.

It also has excellent scratch resistance.

Over 95% of UVa light is blocked making it very good at extending the life of internal furnishings and fabrics.

The combination of thicker film and removable adhesive makes this film easy to strip at the end of its useful life.

Better than the LC5540 square mosaic film for applications where privacy is important.

610mm	Clear Mosaic	£4.18 lm
1220mm	Clear Mosaic	£8.36 lm

**Dimensional stability:** Very good. **Light transmission:** Excellent. **Privacy:** Very good. **UV block:** Excellent. **Printability:** Excellent.



A close-up view of the pyramid mosaic effect pattern.

# LG Etched Glass Effect Films

## LG LC5500

### Silver and Gold Crystal 5 years outdoor

The best selling decorative window film in our range.

The 80μ polymeric film features LG Hausys easy-fit adhesive that allows the film to be applied dry if required.

This frosted glass film from LG Chem is one of the best value and most productive films in our range.

In-house tests have proved that it takes less than half the time to weed compared to similar films.

The low 2°C application temperature can dramatically speed up fitting time, especially in colder weather.

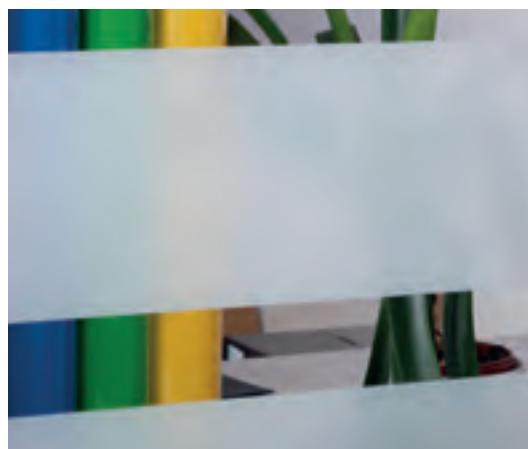
The unique film and adhesive formulation also allows graphics to be rescued even if adhesive touches adhesive and the PVC face film can be stretched without whitening.

LC5500 is the highest UV blocking calendered PVC etched glass film in our range, blocking over 95% of harmful UVa light helping to protect furnishings and fabrics against UV degradation whilst still allowing over 70% of natural light to be transmitted through the film ensuring the interior of the building is kept as light as possible.

Suitable for internal and external applications. Outdoor life of 5 years. Silver and Gold.

## LG LA8082

### White Crystal Cast 7 years outdoor



A 70μ cast, white crystal PVC face film that is close in appearance to 3M's Scotchcal Frosted Crystal 210/7725-324, at a considerably lower cost.

The cast PVC film is heavily flaked to imitate the effect of a sandblasted piece of glass, has a real sparkle, looks fantastic on windows and has the longest life cycle in our range.

The low 2°C application temperature can dramatically speed up fitting time, especially in colder weather.

Width	Colour	10M, 25M, 50M rolls
610mm	Gold and Silver	£3.80 lm
1220mm	Gold and Silver	£7.60 lm

**LG LC5510:** Dimensional stability: Very good. Light transmission: Very good. Privacy: Good. UV block: Excellent. Printability: Excellent.

**LG LC5511:** Dimensional stability: Good. Light transmission: Good. Privacy: Good. UV block: Excellent. Printability: Excellent.



610mm	White Crystal	£8.87 lm
1220mm	White Crystal	£17.74 lm

Dimensional stability: Excellent. Light transmission: Very good. Privacy: OK. UV block: Excellent. Printability: Excellent.



## JAC, MACtac and Multi-Fix Etched Glass Effect Films

### JAC 7000 SeriGlass Series

#### Frosted & Dusted 5 years outdoor

From the Avery Dennison Corporation come these two decorative window vinyls. Both feature 80μ polymeric face films together with solvent adhesives that allow the graphics to be applied wet without the risk of adhesive milking.

Width	Colour	10M, 25M, 50M rolls
610mm	7000C Frosted and 7000D Dusted	£4.54 lm
1230mm	7000C Frosted and 7000D Dusted	£9.08 lm

**7000C:** Dimensional stability: Excellent. Light transmission: Very good. Privacy: Excellent. UV block: Very good. Printability: Excellent.

**7000D:** Dimensional stability: Excellent. Light transmission: Excellent. Privacy: Excellent. UV block: Good. Printability: Excellent.



### MACal Glass Décor 700 Series

#### 5 years outdoor



An impressive range of 80μ Frosted and Dusted polymeric decorative glass films from MACtac.

Nearly 20 years of trouble-free actual field experience and a permanent adhesive that can be removed more easily than the competition.

The 700 series includes five tinted colours in addition to the Clear Frosted and Dusted.

Both **798-01** and **798-02** are also available up to 1524mm wide.

610mm	MA Ctac 798-01 and 798-02 only	£4.66 lm
610mm	Tints	£4.79 lm
1230mm	MA Ctac 798-01 and 798-02 only	£9.32 lm
1230mm	Tints	£9.58 lm
1524mm	MA Ctac 798-01 and 798-02 only	£11.54 lm

**798-01 Clear Frosted:** Dimensional stability: Excellent. Light transmission: Very good. Privacy: Excellent. UV block: Very good. Printability: Excellent.

**798-02 Clear Dusted:** Dimensional stability: Excellent. Light transmission: Excellent. Privacy: Excellent. UV block: Good. Printability: Excellent.

**708-00 Yellow Frosted:** Dimensional stability: Very good. Light transmission: Good. Privacy: Excellent. UV block: Very good. Printability: Excellent.

**738-00 Blue Frosted:** Dimensional stability: Very good. Light transmission: Good. Privacy: Excellent. UV block: Very good. Printability: Excellent.

**748-00 Mint Frosted:** Dimensional stability: Very good. Light transmission: Good. Privacy: Excellent. UV block: Very good. Printability: Excellent.

**758-00 Rose Frosted:** Dimensional stability: Very good. Light transmission: Good. Privacy: Excellent. UV block: Very good. Printability: Excellent.

**778-00 Gold Frosted:** Dimensional stability: Very good. Light transmission: Good. Privacy: Excellent. UV block: Very good. Printability: Excellent.



# JAC, MACtac and Multi-Fix Etched Glass Effect Films

## MACal Glass Décor 600 Series

### 5 years outdoor

A new and different range of printed decorative glass films.

The 600 series are all 38µ white printed ultra clear polyester films on 38µ polyester film release liners for optimal clarity.

#### The range includes:

601 Rice Paper, 602 Small Lines, 603 Lines, 604 Squares.



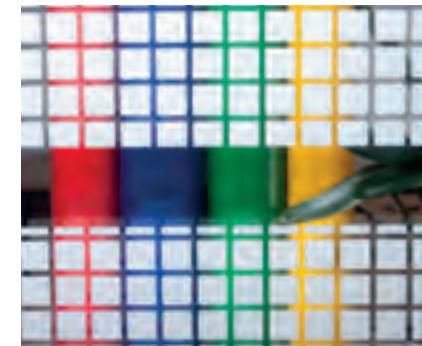
601 Rice Paper



602 Small Lines



603 Lines



604 Squares

## Multi-Fix 5600 Series

### Silver 5 years outdoor



From Multi-fix comes this silver decorative window vinyl.

It features an 80µ polymeric face film together with a solvent adhesive that allows the graphics to be applied wet without the risk of adhesive milking.

Width	Colour	10M, 25M, 50M rolls
610mm	Clear PET printed	£3.59 lm
1230mm	Clear PET printed	£7.18 lm

**Dimensional stability:** Excellent. **Light transmission:** Very good. **Privacy:** N/A. **UV block:** Good. **Printability:** UV only.



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

610mm	Silver	£3.71 lm
1220mm	Silver	£7.42 lm
1530mm	Silver	£9.32 lm

**Dimensional stability:** Very good. **Light transmission:** Excellent. **Privacy:** Good. **UV block:** Very good. **Printability:** Excellent.



A close-up view of the silver pattern.



## Reflective Films

### 3R Series PROMO-LITE

#### 3 year promotional grade reflective

The 3R Series is for price sensitive applications on flat sides but still offers good reflectivity. If you want to print on to a reflective using the Gerber Edge then 3R-01 white prints better than any other reflective in our range allowing you to print superb graduations and solid colours. Not recommended for screen printing. Available in 6 colours.

### 4R Series FLEET-LITE NEW

#### 3 - 4 year vehicle grade printable reflective

The 4R series is a PVC based reflective film that is easy to weed, has good reflectivity and is easier to remove than most other reflectives. Although not as conformable as our 5R FLEXI-LITE grade, it is more conformable than most reflectives on the market. It has good reflectivity and has the huge advantage of the PVC film being easy to print on solvent and eco-solvent printers as well as by screen.

### NIKKALITE F4300

#### 3 - 5 year commercial grade reflective

The F4300 series offers a high quality reflective film at a sensible price. F4300 is a commercial grade mid-term polyester based film designed for flat sided applications. As a general rule, the lighter the reflective colour, the stronger the reflected light. The F4300 film is easier to weed than our FLEXI-LITE reflective product. Not recommended for screen printing. 6 colours.

### 5R Series FLEXI-LITE

#### 5 year flexible vehicle grade reflective



The ideal reflective choice for vehicle graphics and the best reflective in our range. FLEXI-LITE 5R series is conformable over complex contours and compared to other reflective films is easy to remove from the substrate. In terms of conformability, it is similar to a cast vinyl.

The 5R series FLEXI-LITE 5 year reflective is for permanent traffic signs manufactured to Class Ref 1 BS EN 12899-1;2001 (previously known as Class 2 under BS 873).

This product is not recommended for screen-printing. 7 colours.

### MAClite 5700 Series

#### 5 - 7 year flexible vehicle grade reflective

A good choice for vehicle graphics. MAClite 5700 Series is conformable over complex contours and compared to other reflective films it is easy to remove from the substrate. This product can be screen-printed. 8 colours.

Width	Colour	10M, 25M, 46M rolls
610mm	All colours	£6.10 lm
1220mm	All colours	£12.20 lm

610mm	All colours	£5.20 lm
1220mm	All colours	£10.40 lm

610mm	All colours	£7.64 lm
1220mm	All colours	£15.28 lm

**Nikkalite**

380mm	White	£9.05 lm
610mm	All colours	£12.38 lm
1220mm	All colours	£24.76 lm

We believe the Road Vehicles Lighting Regulations 2004 state the following:

- Red must be used to the rear
- White or amber can be used to the side
- White or amber can be used to the front

The class system for reflective has changed in recent times:

- The old Class 1 under BS873 is now termed Class Ref 2 BS EN 12899-1;2001
- The old Class 2 under BS873 is now Class Ref 1 BS EN 12899-1;2001

610mm	All colours	£12.38 lm
1220mm	All colours	£24.76 lm

**MACTAC**  
A Borex Company

# Fluorescent Films

## 1F Series

### 6 - 12 month fluorescent gloss vinyl



The 1F Series promotional fluorescent range weeds very well and offers superb value.

The 200μ glossy soft monomeric calendered promotional grade fluorescent vinyl features a removable adhesive for short-term high impact graphics and is designed for flat-sided applications.

Due to the white primer on the adhesive side, the product is not suitable for two-way window applications.

Removable adhesive.

Available in 2 colours.

Width	Colour	10M, 25M, 50M rolls
610mm	All colours	£6.07 lm
1220mm	All colours	£12.14 lm

## MACal 8000 Series

### 3 - 6 month fluorescent satin vinyl



The MACal 8000 Series promotional fluorescent range is for eye catching short-term promotional campaigns.

The 110μ satin finished monomeric fluorescent vinyls are designed for flat-sided applications.

Due to the white primer on the adhesive side, the product is not suitable for two-way window applications. Removable adhesive for easy stripping at the end of the promotion.

Available in 5 colours.

610mm	All colours	£6.43 lm
1230mm	All colours	£12.86 lm



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

## Translucent Films

### MACcrystal 8400 Series NEW

#### 3 year intermediate gloss transparent



For glossy illuminated signs and window decorations.

A glossy 80μ range of calendered coloured transparent films especially suited for creative window graphics.

The colours can be layered to create eye-catching window displays.

Available in 17 gloss colours.

Width	Colour	10M, 25M, 50M rolls
610mm	All transparent colours	£3.53 lm
1230mm	All transparent colours	£7.06 lm



### MACal 9700 Pro

#### 5 - 7 year translucent matt outdoor

For illuminated signs.

The outstanding uniformity of light transmission makes this product ideal for light boxes and window graphics.

80μ soft matt, polymeric translucent is compatible with all the common illuminated substrates i.e. acrylic, glass and most flexible faced materials.

Also included in the 9700 range is the 9722.00 Pro Light Stop vinyl. This 140μ matt white film has a black adhesive and is 100% opaque.

The 9722.00 Pro Light Stop vinyl can be used to create special effects on light boxes e.g. hidden messages only visible when the sign is illuminated. This will also have the effect of adding punch to the parts of the sign not backed with Light Stop.

Available in 34 matt colours.

610mm	<b>MACal 9700 Pro</b> 80μ translucent, All colours	£4.75 lm
1230mm	<b>MACal 9700 Pro</b> 80μ translucent, All colours	£9.50 lm
1230mm	<b>MACal 9722.00 Pro</b> 140μ Light Stop, Matt white	£9.51 lm
1230mm	<b>MACal 9798.30</b> and <b>MACal 9798.60</b> Light Diffuser, Matt white	£9.51 lm



## Banner Films

### MACsoft 900 Pro Series 3 year matt banner vinyl



For lettering banners.

MACsoft's very soft 70μ face film moulds into the reinforced banner ensuring 100% adhesion. The specially formulated adhesive is highly resistant to the plasticisers in the banner preventing breakdown of the lettering. This enables the finished banner to be rolled, stored and re-used without the letters delaminating.

Suitable for use on soft surfaces i.e. banners, marquees etc.

The banner substrate should be cleaned with RAPIDPREP or alcohol, prior to the application of the MACsoft vinyl.

MACsoft was not designed for application to curtain sides. For this we would suggest using our PMF Flexible Paint Mask as a stencil for inking.

Available in 20 matt colours.

Width	Colour	10M, 25M, 50M rolls
610mm	All colours	£3.30 lm
1230mm	All colours	£6.60 lm



### JAC Serisoft Series 3 year matt banner vinyl

From the Avery Dennison Corporation.

A 70μ film featuring a soft and flexible face film and a unique adhesive system designed for banners.

Available in 16 matt colours.

610mm	All colours	£2.75 lm
1230mm	All colours	£5.50 lm



## Paint Mask Stencil and Ruby Film

### PMF

#### Grey flexible stencil for flexible surfaces

For flexible surfaces, such as vehicle curtains and PVC banners.

We consider this 80μ soft grey, semi-transparent PVC stencil film with an ultra-removable adhesive to be the best stencil film in Europe.

The film is soft and pliable which helps it to mould into reinforced PVC surfaces ensuring no edge creep of paint under the PVC stencil.

The adhesive is highly cohesive allowing the film to be removed from most surfaces with no adhesive transfer.

This product is compatible with most 2-pack paint systems, but do not apply to painted surfaces less than 24 hours old. The paint mask film should be removed from the substrate within 4 hours of application to avoid adhesive transfer.

Some of our customers have successfully used vinyl screen printing inks for marking curtain sided vehicles. There can be problems when using stencil films in conjunction with cellulose paints. Consequently, due to the complexity of paints and inks used, it is the responsibility of the end user to test for compatibility.

### MACmask 84.817

#### Grey transparent stencil for flexible surfaces

Specifically designed for curtain sided vehicles.

This 80μ soft grey, transparent PVC stencil film features an ultra-removable highly plasticiser resistant adhesive. It has been designed to remove cleanly from most surfaces up to 4 hours after application without adhesive residue.

There can be problems when using stencil films in conjunction with cellulose paints. Consequently, due to the complexity of paints and inks used, it is the responsibility of the end user to test for compatibility.

### MACmask 28.180

#### White matt stencil for rigid surfaces

80μ matt white PVC stencil film features an ultra-removable adhesive. It has been designed to remove cleanly from most surfaces up to 4 hours after application without adhesive residue.

There can be problems when using stencil films in conjunction with cellulose paints. Consequently, due to the complexity of paints and inks used, it is the responsibility of the end user to test for compatibility.

#### Easy-weed ruby film for screen positives

For quick and easy creation of film positives. Soft, semi transparent, ruby film on a 125μ clear polyester liner.

Due to the thicker than usual backing, we believe this to be the easiest ruby film to cut and weed on the market. The product has excellent dimensional stability and an almost unlimited shelf life for archiving.

Width	Colour	10M, 25M, 50M rolls
610mm	Grey	£2.98 lm
1250mm	Grey	£5.96 lm



610mm	Matt grey	£1.64 lm
1230mm	Matt grey	£3.28 lm
1524mm	Matt grey	£4.08 lm



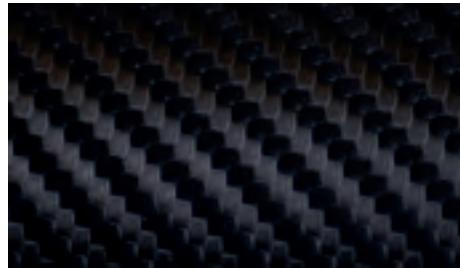
610mm	Matt white	£1.73 lm
1524mm	Matt white	£4.28 lm

610mm	Ruby	£6.64 lm
1210mm	Ruby	£13.28 lm

## Carbon Fibre Effect Films

MACal NEW

### Black embossed carbon fibre tuning film 5 years outdoor



A 175 $\mu$  satin black embossed carbon fibre film from MACtac.

Embossed very soft polymeric film can be used for vehicle wraps.

Can be more sensitive to scratches and adhesive transfer problems than other MACtac films.

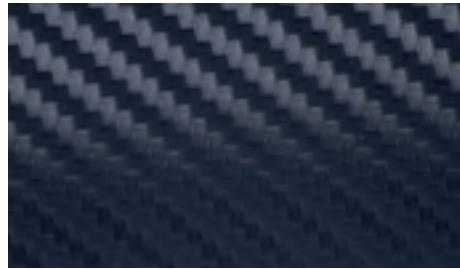
The external life on horizontal surfaces such as car roofs and bonnets is around 50% of a normal vertical application i.e. 2 years.

Width	Colour	10M, 25M rolls
1524mm	Satin black embossed	£33.30 lm



CFB200 NEW

### Black embossed carbon fibre 2-3 years outdoor



CFB200 is a 200 $\mu$  black matt carbon fibre.

Embossed monomeric film can be used for simple partial wraps only.

CFB200 comes as standard with a removable adhesive, is low cost and so is the ideal choice for simpler promotional work.

For full vehicle wraps we would recommend the MACal carbon fibre tuning film.

Width	Colour	10M, 30M rolls
1524mm	Black matt carbon fibre	£12.70 lm

CFS200 NEW

### Silver embossed carbon fibre 2-3 years outdoor



CFS200 is a 200 $\mu$  silver matt carbon fibre.

Embossed monomeric film can be used for simple partial wraps only.

CFS200 is low cost and the ideal choice for simpler promotional work.

For full vehicle wraps we would recommend the MACal carbon fibre tuning film.

1524mm	Silver matt carbon fibre	£12.70 lm
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## Metallised Films

**MFG65 metal flake gold** and

**MFS65 metal flake silver sparkle**

**Metallised PVC films** 

A couple of eye-catching gold and silver films with a large flakey appearance which helps to give a 3D effect to graphics.

Particularly popular over the Christmas period for window displays. The PVC films are 65μ thick and are recommended for internal use only.

The golds are silver on the adhesive side so are not suitable for two-way window applications.

Both are fairly rigid and dimensionally stable, but only suitable for flat-sided applications.

### Seasonal promotions?

We've got it wrapped up with our new brilliant indoor silver and gold 3D metal flake products.

**MFG65 Metal Flake Gold PVC** and  
**MFS65 Metal Flake Silver PVC**



Width	Colour	10M, 25M, 45M rolls
610mm	Metal Flake Gold and Silver	£5.50 lm
1220mm	Metal Flake Gold and Silver	£11.00 lm



## LG LC5100 Series

### Metallised brushed and plain, 1 – 2 year gold and silver polyester films

A full range of metallised polyester films in both gold and silver, and in both plain and brushed finishes.

Often used as backer materials to give signs a metallic look.

The brushed silver closely resembles brushed stainless steel or aluminium.

The polyester films are 50μ thick and have a 1 - 2 year outdoor durability.

The golds are all silver on the adhesive side so are not suitable for two-way window applications. All are fairly rigid and dimensionally stable, but only suitable for flat-sided applications.

Width	Colour	10M, 25M, 50M rolls
920mm	Gold and Silver (Brushed and Plain)	£9.09 lm



## DG50 and DS50

### Metallised two-way gold and two-way silver polyester films



**DG50 two-way gold** offers a 'gold leaf' effect film and is primarily used for window graphics.

DG50 is not suitable for long term external applications.

Recommended for dry application only.

**DS50 two-way silver** has a limited external life at around 1 - 2 years, so it can be used for selective external applications.

Both DG50 and DS50 are fairly rigid and dimensionally stable, but only suitable for flat-sided applications.

Width	Colour	10M, 25M rolls
610mm	Gold	£6.86 lm
1250mm	Gold	£13.72 lm
Width	Colour	10M, 25M, 50M rolls
610mm	Silver	£6.86 lm
1370mm	Silver	£15.37 lm

## RS50

### Silver solar control film

RS50 is a 50μ silver solar film for flat sided window applications such as office windows, rear windows of vans, etc. The film incorporates a tough scratch resistant coating which aids installation and maintenance whilst increasing the life of the film.

This product is designed to last 10 years internally when professionally installed.

RS50 can also act as a privacy film under the correct lighting conditions.

We would recommend using a special window film squeegee such as our GT020 Unger snappable to make application easier.

Width	Colour	10M, 31M rolls
914mm	Silver	£8.00 lm
1220mm	Silver	£10.60 lm
1524mm	Silver	£11.60 lm

## Photoluminescent and Magnetic Films

### PH-150

#### Green promotional grade glow-in-the-dark photoluminescent vinyl for internal use

PH-150 is a very economical glow in the dark film.

Being relatively thin, at 165 $\mu$ , it is easy to cut on a vinyl plotter.

PH-150 has a high gloss, very smooth face film.

It is designed for internal usage only and will only glow in the dark for a short period of time after lighting has failed or been switched off.

It is not classified under DIN testing, so care should be taken for safety applications.

PH-150 is generally used for promotional applications.

Width	Colour	10M, 25M, 50M rolls
380mm	Green	£13.40 lm
610mm	Green	£18.90 lm
1000mm	Green	£29.90 lm

### White faced magnetic PVC

Now available 1200mm wide in 0.85mm vehicle grade.

For use as a removable/replaceable sign on vehicles etc.

Plasticiser free, with a back coating on the brown side, to prevent tarnishing of the painted surface. Laminated on the face with a gloss white vinyl.

A premium quality magnetic product with a high intensity, multi-pole arrangement, designed to offer superior holding power and shear strength on most metallic surfaces (with minimal dead spots).

This product will not dry out or crack. It is designed to be rolled and will provide years of trouble free, low maintenance service if used correctly.

Available in two standard gauges: **0.60mm** and **0.85mm**. The thickness of the magnetic vinyl is directly proportional to the magnetic force of the product. If this product is used on a vehicle, the thicker product (0.85mm) is necessary for safety reasons.

Surfaces must be clean before applying.

Magnetic material does need special care and attention so weekly removal and cleaning of the magnetic is recommended. We have a more detailed guide to magnetic on page 112 at the back of this price list.

Width	Colour	10M roll	15M roll	30M roll
610mm	<b>PVC 0.60mm</b> Gloss white	£7.10 lm	n/a	£6.00 lm
610mm	<b>PVC 0.85mm</b> Gloss white	£8.70 lm	n/a	£7.61 lm
1000mm	<b>PVC 0.60mm</b> Gloss white	n/a	£14.20 lm	n/a
1000mm	<b>PVC 0.85mm</b> Gloss white	£17.50 lm	n/a	n/a
1200mm	<b>PVC 0.85mm</b> Gloss white	£20.70 lm	n/a	n/a

## Anti-Graffiti, Blackboard and Wipe-Board Films

### AG50

#### Premium 10 year fluoropolymer film

Our best anti-graffiti film for vinyl graphics.

AG50 can be used to protect vinyl lettering as it has some conformability unlike lower cost polyester products.

The inertness of the film allows you to use strong cleaning agents.

The film and adhesive combination will also protect the laminated sign from UV rays.

High resistance to fungal attack makes it ideal for humid areas.

AG50 shows outstanding solvent resistance to a wide range of cleaning agents containing ingredients such as N-methyl Pyrrolidone, Glycol ether, D-Limonene, 1-Methoxy-2-Propanol, G-Butyrolactone, Methanol, Bronopol (Inn), Acetone, Cyclohexanone.

Width	Colour	10M, 25M, 50M rolls
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1220mm	Gloss clear	£18.90 lm
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### DC-50

#### Clear wipe-board film

For write on / wipe-off and anti-graffiti applications.

This 50μ gloss clear polyester film has been coated with an ink and dirt repellent varnish to make it easy to keep clean. It works with all dry-wipe pens we have tested including Staedtler, Pilot, Nubo, 5 star office and Universal Office Supplies range without leaving any trace of the ink on the surface when cleaned.

It is recommended for dry application only. 20% UVa block. 5 years outdoors.

Our closest competitors product takes more effort to wipe residual ink marks from this next best surface and still does not completely remove all of the residual markings; resulting in ghosted images and a build up of unwanted ink residues on the surface, especially when used over a period of time.

When compared to our DC-50 material our specially treated surface provides a one wipe solution resulting in no ghosted images or ink residues left behind - the surface is completely clean again after only a few effortless wipes. After testing in-house we have found DC-50 is a much more durable product producing a cleaner, quicker and longer lasting result.

1370mm	Gloss clear PET	£15.60 lm
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The image on the far left shows the closest competitors product after 20 wipes...

The image to the right is DC-50 clear wipe board film after 20 wipes: a genuine and stunning difference!

# Anti-Graffiti, Blackboard and Wipe-Board Films

## DW-150

### White opaque wipe-board hybrid film

For write on / wipe-off applications.

This is the best wipe-board film we have ever seen.

DW-150 is a 150μ gloss white hybrid polyester / PVC film which can be used to make a white board.

It works with all dry-wipe pens we have tested including Staedtler, Pilot, Nobo, 5 star office and Universal Office Supplies range without leaving any trace of ink on the surface when cleaned.

It is recommended for dry application only.

5 years outdoors.

Width

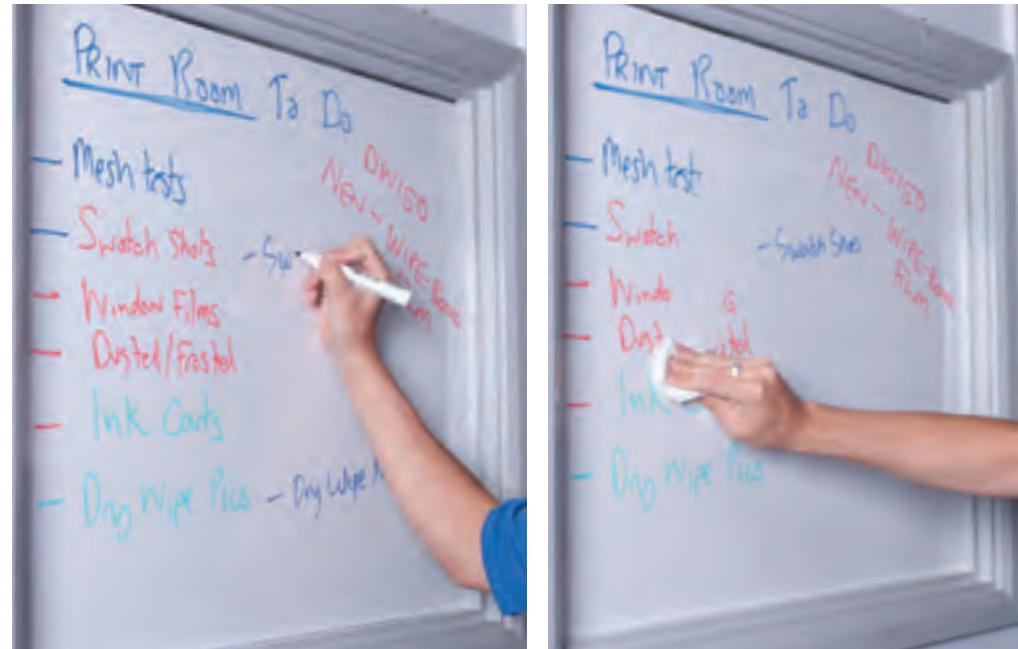
Colour

10M, 25M, 50M rolls

1370mm

Gloss white PVC / PET

£23.90 lm



## BB-160

### Blackboard matt black vinyl

The easy way to create a blackboard.

BB-160 features a 160μ PVC film coated to help it receive a variety of chalks.

BB-160 can also be cleaned over and over without smearing the face.

Not suitable for liquid chalk pens.

Width

Colour

10M, 25M rolls

1250mm

Matt black

£14.40 lm

## Plotting Paper and Replacement Siliconised Release Liner

### Paper for pen plotting

A high quality white 130gsm paper for pen plotting.

Width	Colour	50M roll
610mm	White	£28.50
1260mm	White	£57.00

### Replacement siliconised release liner

135gsm kraft siliconised backing paper.

Replacement liner is used particularly for the setting up of complex multi coloured images. Also ideal for stored graphic sets as the vinyl applied to the liner can be left for up to 1 year before use.

Using a replacement backing paper also avoids the problems of adhesive bleed into the areas of silicone damaged by the cutting blade.

1220mm	White	£61.00
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# Application Tapes

## KleenTear application tape



Our best value application tape. KleenTear tapes take the hassle out of using transfer tapes. The tapes tear cleanly with no adhesive stringing and if adhesive touches adhesive, then KleenTear tape pulls apart easily with no adhesive damage. KleenTear tapes are ideal when applying graphics wet. Now available in wider widths for digital printers. The KT75 high tack product is identified by a blue line in the core.

Width	Description & Colour	100 yds per roll
1220mm	<b>KT50 medium tack</b> White	£71.00
1220mm	<b>KT75 high tack</b> White	£71.00
1370mm	<b>KT50 medium tack</b> White	£79.70
1524mm	<b>KT50 medium tack</b> White	£88.70

## R Tape application tape



The Conform series offers improved adhesion to any silicon liner. The Conform series tapes resist wrinkling, tunnelling and edge curling, even on rolled or stacked cut vinyl graphics. If you frequently post out vinyl graphic sets, the Conform tapes are an obvious choice. We would recommend **Conform 4075RLA high tack** as the trouble free application tape for all our etched glass films. We have also recently launched **R Tapes 4885 Applitape** which is a super high tack application paper for difficult vinyl surfaces. The adhesion on 4885 is 25-30% more than on the standard high tack 4075 and has worked with UV inks and varnishes as well as with more embossed surfaces.

Width	Description & Colour	100M roll
1220mm	<b>R TAPE 4050</b> <b>Conform medium tack</b> White	£77.60
1220mm	<b>R TAPE 4075</b> <b>Conform high tack</b> White	£77.60

Width	Colour	100 yds per roll
1220mm	<b>R TAPE 4885</b> <b>Super high tack</b> White	£125.00

## ATC1230 clear application tape

ATC1230 clear embossed application film in high tack. The film allows you to see what you are doing when taping graphics. Slightly higher tack than the alternative KT40.

Width	Colour	100 yds per roll
1220mm	<b>ATC1230 high tack</b> Clear Film	£101.00

## KleenView 40

### Clear application tape



KleenView 40 clear medium tack film allows you to see what you are doing when taping graphics. More and more customers are now moving over to clear application tapes. Now available in 100 yard rolls.

Width	Colour	50 yds per roll
1220mm	Clear film	£50.50

Width	Colour	100 yds per roll
1220mm	Clear film	£77.60

## Media for Solvent Printing



Our range for solvent printers continues to grow, with over 100 products to choose from, including the full MACTac range! We have strengthened our self adhesive and banner vinyl range as well as adding in specialities such as wallpapers, metallic films and roll-up and pop-up materials. A lot of these products are suitable for use with the HP Latex ink technology - call the sales office for an up to date list of profiles and products. Also look out for our **ECO CHOICE** environmentally concious products range; new products which are "greener" solutions.

All the media in our solvent range are now available "buy the metre", from vinyl's to canvas to pop up to backlit media - everything. Just buy what you need – when you need it.

### Hassle free quality solvent products at competitive prices

During the last decade we have built up the knowledge and experience that allows us to deliver hassle free quality solvent products at competitive prices. In-house we have most of the popular wide format solvent inkjet printers such as the new HP L25500 latex printer as well as those from Mimaki and the full range of Roland eco-solvent printers. We use these for product testing, development and colour profiling. This capability allows us to really test all the products we sell to ensure we have the necessary profiles and knowledge to support them in the field.

### Technical advice and support

For technical advice or support on how to get the best out of your printer and our media, call our sales office on 01753 696977 for the Southern Office, or 0844 4488686 for the Northern Office, or email [sales@allprint.co.uk](mailto:sales@allprint.co.uk)

### New products in the Media for Solvent Printing range include:

- **LG LB0002M** - A bio-degradable, satin finished, corn based film with a permanent grey adhesive for the graphics market. LB002M is a more environmentally acceptable product which does not contain PVC, chlorine or plasticisers
- **JAC D7120 and D7121** - A price competitive, but high quality, branded 100μ gloss white monomeric PVC for shorter term graphic applications onto flat-sided surfaces
- **MACTac JT5422 P** - One of MACTac's first printable products in their 'green' range; JT5422P is PVC, chlorine and phthalate free. It is suitable for flat-sided applications
- **MACTac JT5122 P** - 100μ monomeric vinyl film for flat sided applications with grey acrylic adhesives and 120gsm kraft liners
- **MACTac WW100, WW200 and WW300** - For wall wrapping/coverings onto brickwork or concrete and difficult-to-stick-to surfaces
- **MACTac Streetrap** - A white matt calandered PVC film for outdoor pavement and parking lot graphics
- **ENDURO TACK™** - Featuring a specially formulated adhesive to ensure fantastic adhesion to low energy plastics used on off-road motorcycles
- **SFC550M** - A coated smooth fire-rated scrim banner with a brilliant white shade and probably the strongest banner in our range. If you only want to stock one banner then this is our recommended choice
- **TSGP225** - A gloss photo paper with better print quality and heavier weight than our older TSPHG6, and all this at a lower price
- **TSSP225** - A satin version of TS GP225. Excellent print quality, suitable for latex printing and the base paper is sourced from certified managed forests
- **TSPPG6** - A lighter and much lower cost version of our TSPPG9 gloss outdoor poster paper and the base base paper is sourced from certified managed forests
- **LG VIZUON™ LD2740G** - A gloss white 3 year film with a removable adhesive
- **LG VIZUON™ LP2712M** - An 80μ clear monomeric film with a matt finish
- **LG VIZUON™ LP2800** - Clear films for trouble free window graphics. Available in permanent and removable versions. Adhesive is solvent based for non milking wet application
- **LG VIZUON™ LD3888 G and M** - For those 'difficult to stick' surfaces
- **TSFP7 and TSFP13** - Opaque satin polyesters for roll-up and pop-up graphics and now up to 1371mm wide
- **TSG & TSB** self adhesive films - An eye catching range of self adhesive metallic brushed and gloss gold and silver films ideal for POS, nameplates, badges, retail advertising and exhibition graphics



All materials in our solvent range are now available by the metre

### We also supply all the products you need, including:

- LG Bio-degradable Films (1 Year) .....p28 NEW
- MACTac PVC Free Films (2 Year) .....p29 NEW
- LG Monomeric Calendered Vinyls (3 Year) .....p30-31 NEW
- JAC Monomeric Calendered Vinyls (3 Year) .....p32 NEW
- Multi-Fix Monomeric Calendered Vinyls (2 Year) ....p33
- MACTac Monomeric Calendered Vinyls (2 Year) .... p34
- MACTac Monomeric Calendered Vinyls (3 Year) .... p35 NEW
- MACTac Monomeric Calendered Vinyls (4 Year) ....p36 NEW
- DigiSOL Polymeric Calendered Vinyls ..... p37
- DigiSOL Extra Thick Monomeric Calendered Vinyls (3 Year) .....p38 NEW
- LG Monomeric Calendered Vinyls (3-5 Year).....p39
- LG Polymeric Calendered Vinyls (3-5 Year)..... p40
- LG Polymeric Calendered Vinyls (5-7 Year) ..... p41
- JAC Polymeric Calendered Vinyls (5-7 Year) ..... p42
- Multi-Fix Polymeric Calendered Vinyls (5-7 Year) ...p43 NEW
- MACTac Polymeric Calendered Vinyls (7 Year) .....p44
- MACTac Conformable Vinyls (8-10 Year) .....p45
- JAC Cast Vinyls (7 Year) .....p46
- MACTac Glass Décor Films (1-5 Year) .....p47
- MACTac Banner Vinyls (3 Year) .....p48
- MACTac Translucent Vinyls (7 Year) .....p49
- MACTac Architectural Vinyls (Up To 4 Year) ..... p50 NEW
- Scrim Banner Vinyls .....p51 NEW
- LG Scrim Banner Vinyls .....p52
- Smooth Banner Vinyls .....p53-54
- Mesh .....p55 NEW
- Indoor Papers .....p56 NEW
- Outdoor Papers .....p57 NEW
- Pop-Up and Roll-Up Media .....p58
- Fabrics .....p59
- Canvas .....p60 NEW
- Speciality Self-Adhesive Films .....p61-62 NEW
- Speciality Non-Adhesive .....p63 NEW
- Wallpapers .....p64
- One-Way Vision Perforated Vinyls .....p65-67 NEW
- Static Cling Vinyls .....p68

## LG Bio-Degradable Films (1 Year)

LG VIZUON™ LB0002M  

**Satin white bio-degradable corn based film  
with a permanent grey adhesive - 1 year promotional film**

Our first truly bio-degradable film for the graphics market.

LB0002M is a satin finished corn based film and will bio-degrade within one year, leaving no harmful residues. It can also be incinerated safely with no dioxin emissions.

Currently being tested to ISO14855 for bio-degradability. It is a more environmentally acceptable product as it does not contain PVC, chlorine or plasticisers.

Outdoor life 1 year.

Product	Roll Size	Price per roll
LB0002M  Satin white, 100µ, 1 year permanent grey adhesive	1270mm x 30M	£246.00

 **LG Hausys**



## MACtac PVC Free Films (2 Year)

MACtac JT5422  

**Non-PVC film for flat-sided applications**

**2 year promotional polypropylene**

New into our range for 2011 and one of MACtac's first printable products in their 'green' range.

PVC, Chlorine and phthalate free.

100μ non PVC polypropylene film that is suitable for eco-solvent, solvent, UV and latex printers.

JT5422 P is a gloss white PP film with a grey opaque permanent emulsion adhesive.

The recommended matched polypropylene laminates are from the MACtac PG7400 range.

Product	Roll Size	Price per roll
JT5422 P 	1371mm x 50M	£359.00



# LG Monomeric Calendered Vinyls (3 Year)

## - For Flat Sided Applications



### LG VIZUON™ LD2700 white

**With permanent adhesive for flat-sided applications**  
**3 year promotional monomeric vinyls**

Our most economic solvent vinyl.

General purpose solvent print vinyl with permanent high tack clear solvent based adhesive and 80μ face film.

**LD2700G** is a gloss white monomeric permanent adhesive.

**LD2700M** is a satin white monomeric permanent adhesive.

The recommended matched laminates are LP2812G gloss, LP2842G gloss and LP2712M matt.

Product	Roll Size	Price per roll
<b>LD2700G</b> Gloss white, 80μ, 3 year permanent clear adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£49.50 £89.00 £99.00
<b>LD2700M</b> Satin white, 80μ, 3 year permanent clear adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£49.50 £89.00 £99.00



### LG VIZUON™ LD2740G white NEW

**With removable adhesive for flat-sided applications**

**3 year promotional monomeric vinyls**

General purpose solvent print vinyl with removable clear solvent based adhesive, which can be removed after 1 year from most surfaces.

80μ face film in **LD2740G** gloss finish.

The recommended matched laminates are LP2812G gloss, LP2842G gloss and LP2712M matt.

<b>LD2740G</b> <span style="background-color: red; color: white; padding: 2px 5px;">NEW</span>	760mm x 50M 1371mm x 50M 1524mm x 50M	£49.50 £89.00 £99.00
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### LG VIZUON™ LD2710 white

**For flat-sided applications**

**3 year promotional monomeric vinyls with grey adhesive**



General purpose solvent print vinyl with permanent high tack grey solvent based adhesive for overall applications.

80μ face film films with a 3 year outdoor life in gloss and satin finishes.

As well as the opaque adhesive LD2710G features a solvent acrylic adhesive and a PE coated release liner for trouble free printing.

**LD2710G** is a gloss white monomeric permanent grey adhesive.

**LD2710M** is a satin white monomeric permanent grey adhesive.

The recommended matched laminates are LP2812G gloss, LP2842G gloss and LP2712M matt.

Product	Roll Size	Price per roll
<b>LD2710G</b> Gloss white, 80μ, 3 year monomeric permanent grey adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£55.00 £97.00 £110.00
<b>LD2710M</b> Satin white, 80μ, 3 year monomeric permanent grey adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£55.00 £97.00 £110.00



## LG Monomeric Calendered Vinyls (3 Year)

### - For Flat Sided Applications



#### LG VIZUON™ LP2800 clear ►NEW

For flat-sided applications

3 year promotional clear monomeric vinyls for windows



Clear vinyls for trouble-free window graphics.

Both products feature solvent acrylic adhesives for non-milking wet application to windows over a range of temperatures and release liners designed for easy printing.

**LP2812G** is a gloss clear monomeric permanent printable.

**LP2842G** is a gloss clear monomeric removable printable.

Both these films can also be used as matched laminates for the LD2700 and LD2710 range.

Product	Roll Size	Price per roll
<b>LP2812G</b> <span style="border: 1px solid red; padding: 0 2px;">►NEW</span> Gloss clear, 80µ, 3 year, printable monomeric permanent clear adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£62.50 £112.00 £125.00
<b>LP2842G</b> <span style="border: 1px solid red; padding: 0 2px;">►NEW</span> Gloss clear, 80µ, 3 year, printable monomeric removable clear adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£62.50 £112.00 £125.00



#### LG VIZUON™ LP2700 clear ►NEW

For flat-sided applications -

3 year promotional clear monomeric vinyls

LP2712M was primarily designed as a satin matched laminate for the LD2700 range.

It features a solvent acrylic adhesive.

LP2712M can be printed, but customers need to test first and it must be brought to print room temperature before printing.

<b>LP2712M</b> <span style="border: 1px solid red; padding: 0 2px;">►NEW</span> Matt clear, 80µ, 3 year monomeric lamination film	760mm x 50M 1371mm x 50M 1524mm x 50M	£62.50 £112.00 £125.00
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# JAC Monomeric Calendered Vinyls (3 Year)

## - For Flat Sided Applications

### JAC D7000 Series

#### 3 year promotional monomeric vinyls

From the Avery Dennison Corporation comes this range of branded price competitive but high quality monomeric PVC's for shorter term graphics.

80 $\mu$  face films on stable 125gsm kraft release liners.

**D7110** is gloss white with permanent grey adhesive and is also available in 150M rolls.

**D7111** is a removable grey adhesive version that can be used for bus and taxi side advertising and is also available in 150M rolls.

**D7310** matt white also features the grey permanent adhesive.

**D7311** matt white with removable grey adhesive.

**D7411** has a thicker 150 $\mu$  gloss white face film with a clear removable adhesive that can be removed from most substrates up to 1 year after application. The thick 150 $\mu$  face film gives good opacity and makes the finished graphic easier for less experienced users to fit into place.

#### New for 2011 are three thicker films with clear adhesives:

**D7120** is a 100 $\mu$  gloss white monomeric with permanent clear adhesive.

**D7121** is a 100 $\mu$  gloss white monomeric with removable clear adhesive.

**D7101** is a 100 $\mu$  gloss clear monomeric with removable clear adhesive.

Our DigiGuard range of laminates can be added to create different finishes.



Product	Roll Size	Price per roll
<b>D7120</b> <span style="color:red">►NEW</span> Gloss white, 100 $\mu$ , 3 year monomeric permanent clear adhesive	760mm x 50M 1371mm x 50M 1600mm x 50M	£58.20 £94.50 £110.40
<b>D7121</b> <span style="color:red">►NEW</span> Gloss white, 100 $\mu$ , 3 year monomeric removable clear adhesive	760mm x 50M 1371mm x 50M 1600mm x 50M	£58.20 £94.50 £110.40
<b>D7110</b> Gloss white, 80 $\mu$ , 3 year monomeric permanent grey adhesive	760mm x 50M 1371mm x 50M 1371mm x 150M 1600mm x 50M	£58.20 £94.50 £283.50 £110.40
<b>D7111</b> Gloss white, 80 $\mu$ , 3 year monomeric removable grey adhesive	760mm x 50M 1371mm x 50M 1371mm x 150M 1600mm x 50M	£58.20 £94.50 £283.50 £110.40
<b>D7310</b> Matt white, 80 $\mu$ , 3 year monomeric permanent grey adhesive	760mm x 50M 1371mm x 50M 1600mm x 50M	£58.20 £94.50 £110.40
<b>D7311</b> <span style="color:red">►NEW</span> Matt white, 80 $\mu$ , 3 year monomeric removable grey adhesive	760mm x 50M 1371mm x 50M 1600mm x 50M	£58.20 £94.50 £110.40
<b>D7101</b> <span style="color:red">►NEW</span> Gloss clear, 100 $\mu$ , 3 year monomeric removable clear adhesive	760mm x 50M 1371mm x 50M 1600mm x 50M	£58.20 £94.50 £110.40
<b>D7411</b> Gloss white, 150 $\mu$ , 3 year monomeric removable clear adhesive	760mm x 50M 1371mm x 50M 1600mm x 50M	£130.90 £219.60 £261.80

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

**JAC**

## Multi-Fix Monomeric Calendered Vinyls (2 Year)

### - For Flat Sided Applications

#### Multi-Fix 6130 Series 2 METRES WIDE

Monomeric vinyls for flat-sided applications  
2 year promotional monomeric vinyls



New into our range for 2011 and only available 2000mm wide.

All 80μ films, clear acrylic adhesives and 120gsm kraft liners.

**Multi-fix 6130 P** is a gloss white monomeric with a clear permanent adhesive.

**Multi-fix 6131 P** is a matt white monomeric with a clear permanent adhesive.

Product	Roll Size	Price per roll
<b>Multi-Fix 6130 P</b> Gloss white, 80μ, 2 year monomeric permanent clear adhesive	2000mm x 50M	£175.10
<b>Multi-Fix 6131 P</b> Matt white, 80μ, 2 year monomeric permanent clear adhesive	2000mm x 50M	£175.10

2 METRES WIDE



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

# MACtac Monomeric Calendered Vinyls (2 Year)

## - For Flat Sided Applications

### MACtac PRINTVINYL

#### Monomeric vinyls for flat-sided applications

#### 2 year promotional monomeric vinyls

New into our range for 2011 and MACtac's lowest cost monomers.

All the 'printvinyls' feature 80 $\mu$  films, clear acrylic adhesives and 120gsm kraft liners.

**PV829 P** is a gloss white monomeric with a clear permanent adhesive.

**PV829 R** is a gloss white monomeric with a clear removable adhesive.

**PV828 P** is a matt white monomeric with a clear permanent adhesive.

**PV828 R** is a matt white monomeric with a clear removable adhesive.

**PV899 R** is a gloss clear monomeric with a clear removable adhesive.

The recommended matched laminates are from the MACtac Printcover and LF ranges.



Product	Roll Size	Price per roll
<b>PV829 P</b> Gloss white, 80 $\mu$ , 2 year monomeric permanent clear adhesive	1371mm x 50M 1620mm x 50M	£112.20 £132.70
<b>PV829 R</b> Gloss white, 80 $\mu$ , 2 year monomeric removable clear adhesive	1371mm x 50M 1620mm x 50M	£112.20 £132.70
<b>PV828 P</b> Matt white, 80 $\mu$ , 2 year monomeric permanent clear adhesive	1371mm x 50M 1620mm x 50M	£112.20 £132.70
<b>PV828 R</b> Matt white, 80 $\mu$ , 2 year monomeric removable clear adhesive	1371mm x 50M 1620mm x 50M	£112.20 £132.70
<b>PV899 R</b> Gloss clear, 80 $\mu$ , 2 year monomeric removable clear adhesive	1371mm x 50M 1620mm x 50M	£112.20 £132.70

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%



# MACTac Monomeric Calendered Vinyls (3 Year)

## - For Flat Sided Applications

### MACTac JT5000 NEW

Monomeric vinyls for flat-sided applications

3 year promotional monomeric vinyls

New into our range for 2011.

All 100μ films, grey acyclic adhesives and 120gsm kraft liners.

**JT5122 P** is a gloss white monomeric with a grey opaque permanent adhesive.

**JT5122 R** is a gloss white monomeric with a grey opaque removable adhesive.

**JT5822 P** is a gloss white monomeric with a clear permanent adhesive.

**JT5822 R** is a gloss white monomeric with a clear removable adhesive.

**JT5824 P** is a matt white monomeric with a clear permanent adhesive.

**JT5824 R** is a matt white monomeric with a clear removable adhesive.

The recommended matched laminates are from the MACTac Printcover and LF ranges.



Product	Roll Size	Price per roll
<b>JT5122 P <span style="border: 1px solid red; padding: 0 2px;">NEW</span></b> Gloss white, 100μ, 3 year monomeric grey opaque permanent adhesive	1371mm x 50M 1620mm x 50M	£109.00 £128.80
<b>JT5122 R <span style="border: 1px solid red; padding: 0 2px;">NEW</span></b> Gloss white, 100μ, 3 year monomeric grey opaque removable adhesive	1371mm x 50M 1620mm x 50M	£109.00 £128.80
<b>JT5822 P <span style="border: 1px solid red; padding: 0 2px;">NEW</span></b> Gloss white, 100μ, 3 year monomeric clear permanent adhesive	1371mm x 50M 1620mm x 50M	£116.20 £137.30
<b>JT5822 R <span style="border: 1px solid red; padding: 0 2px;">NEW</span></b> Gloss white, 100μ, 3 year monomeric clear removable adhesive	1371mm x 50M 1620mm x 50M	£116.20 £137.30
<b>JT5824 P <span style="border: 1px solid red; padding: 0 2px;">NEW</span></b> Matt white, 100μ, 3 year monomeric clear permanent adhesive	1371mm x 50M 1620mm x 50M	£120.00 £141.80
<b>JT5824 R <span style="border: 1px solid red; padding: 0 2px;">NEW</span></b> Matt white, 100μ, 3 year monomeric clear removable adhesive	1371mm x 50M 1620mm x 50M	£120.00 £141.80

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

# MACtac Monomeric Calendered Vinyls (4 Year)

## - For Flat Sided Applications

### MACtac JT5000

#### Monomeric vinyls for flat-sided applications

#### 4 year promotional monomeric vinyls

New into our range for 2011.

100μ films, grey acrylic adhesives and 140gsm kraft liners. The “M” products are ideal for eco-solvent printers as they feature 130gsm PE liners.

**JT5829 P** is a gloss white monomeric with a grey opaque permanent adhesive.

**JT5829 R** is a gloss white monomeric with a grey opaque removable adhesive.

**JT5828 P** is a matt white monomeric with a grey opaque permanent adhesive.

**JT5828 R** is a matt white monomeric with grey opaque removable adhesive.

**JT5829 M BF** is a gloss white monomeric with a micro-structured ‘bubble-free’ grey opaque permanent adhesive on a PE liner for easy application.

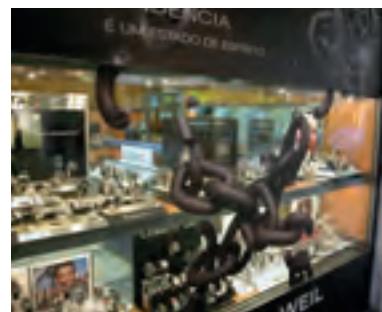
**JT5829 SPB** is a gloss white monomeric with a black opaque semi-permanent adhesive.

**JT5829 PM** is a gloss white monomeric with a grey opaque permanent adhesive and a PE liner that is ideal for eco-solvent printers.

**JT5829 RM** is a gloss white monomeric with a grey opaque removable adhesive and a PE liner that is ideal for eco-solvent printers.

**JT5828 PM** is a matt white monomeric with a grey opaque permanent adhesive and a PE liner that is ideal for eco-solvent printers.

The recommended matched laminates are from the MACtac LF range.



Product	Roll Size	Price per roll
<b>JT5829 P / JT5829 R</b> Gloss white, 100μ, 4 year monomeric grey opaque permanent or removable adhesive	1371mm x 50M 1524mm x 50M	£152.20 £169.40
<b>JT5828 P / JT5828 R</b> Matt white, 100μ, 4 year monomeric grey opaque permanent or removable adhesive	1371mm x 50M 1524mm x 50M	£152.20 £169.40
<b>JT5829 M BF</b> Gloss white, 100μ, 4 year monomeric micro-structured grey opaque permanent adhesive	1371mm x 50M	£264.00
<b>JT5829 SPB NEW</b> Gloss white, 100μ, 4 year monomeric black opaque semi-permanent adhesive	1371mm x 50M 1620mm x 50M	£146.40 £173.10
<b>JT5829 PM / JT5829 RM</b> Gloss white, 100μ, 4 year monomeric grey opaque permanent or removable adhesive	1371mm x 50M 1524mm x 50M	£167.80 £186.70
<b>JT5828 PM</b> Matt white, 100μ, 4 year monomeric grey opaque permanent or removable adhesive for eco-solvent	1371mm x 50M 1524mm x 50M	£189.70 £211.00

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%



## DigiSOL Polymeric Calendered Vinyls

### - For Difficult To Stick To Surfaces

#### DigiSOL DS3020 ENDURO TACK™

3 year 80µ polymeric vinyl for difficult-to-stick surfaces such as low energy plastics

DS3020 ENDURO TACK™ features an adhesive that has been formulated to stick and stay stuck to low energy plastics that feature predominantly on off-road motorcycles.

80µ gloss white film can be applied with heat even on to complex curved surfaces as found on modern dirt bikes.

#### Use the following matched laminates:

It is vitally important for this application that you use one of the following laminates as they feature an adhesive system that is a 100% match to the DS3020 printable film. These combinations are the only ones that have been tested on off-road bikes and have been found to work:

**GV10-70 ENDURO GUARD INTERMEDIATE™ ULTRA** gloss 250µ PVC 3 year laminate. See page 87.

**GV15-80 ENDURO GUARD SEMI-PRO™ ULTRA** gloss 375µ PVC 3 year laminate. See page 87.

Product	Roll Size	Price per roll
DS3020 ENDURO TACK™ Gloss white, 80µ, 3 year polymeric print vinyl permanent clear adhesive for low energy plastics	1371mm x 50M	£277.50

**DigiSOL**



# DigiSOL Extra Thick Monomeric Calendered Vinyls (3 Year)

## - For Flat Sided Applications

### DigiSOL DS3005

#### Vinyl for flat-sided applications - 3 year 150µ scuff resistant textured white monomeric film with permanent grey adhesive



This unique film features a scuff resistant 150µ textured film that resists stretching when mounting, regardless of ink load. The scuff resistant surface also allows the film to be used for many applications without a protective laminate. The grey adhesive acts as a coverall and the high coat weight adhesive will also stick to difficult surfaces. DS3005 is ideal for print and cut labels; an added bonus is the ease of application by end users without air bubbles. DS3005 is now also being used for short-term (weeks rather than months) signs applied directly onto painted blockwork and brickwork with the help of a heat gun, giving the sign a painted appearance. The film moulds into flush and lightly recessed joints but is obviously not suitable for deep recessed key joints in brickwork.

### DigiSOL DS3015

#### Vinyl for flat-sided applications - 3 year 150µ scuff resistant textured white monomeric film with clear permanent adhesive

A very similar construction to DS3005 but with a clear adhesive. Features a scuff resistant 150µ textured film that resists stretching when mounting, regardless of ink load. The scuff resistant surface also allows the film to be used for many applications without a protective laminate. DS3015 is ideal for print and cut labels; an added bonus is the ease of application by end users without air bubbles.

### DigiSOL DS3007



#### Vinyl for flat-sided applications - 3 year 150µ gloss white monomeric film with clear permanent adhesive

This is a gloss version of our popular DS3005 vinyl with a clear adhesive. DS3007 is ideal for print and cut labels; an added bonus is the ease of application by end users without air bubbles. Our DigiGuard range of laminates can be added to create different finishes.

### DigiSOL DS3047 ►NEW

#### Vinyl for flat-sided applications - 3 year 210µ double-sided gloss white monomeric film with clear permanent adhesive

This is a gloss white vinyl with a black block out layer built in. DS3047 is ideal for window graphics where no show-through of the printed image is required. Double-sided images can be created by printing on our clear vinyl and laminating to DS3047.

Product	Roll Size	Price per roll
DS3005 Textured white, 150µ, 3 year monomeric permanent grey adhesive	760mm x 50M 1371mm x 50M 1560mm x 50M	£110.70 £180.50 £215.40
		<b>DigiSOL</b>

DS3015 Textured white, 150µ, 3 year monomeric permanent clear adhesive	760mm x 50M 1371mm x 50M 1560mm x 50M	£110.70 £180.50 £215.40
		<b>DigiSOL</b>

DS3007 Gloss white, 150µ, 3 year monomeric permanent clear adhesive	760mm x 50M 1371mm x 50M 1560mm x 50M	£110.70 £180.50 £215.40
		<b>DigiSOL</b>

DS3047 <span style="background-color: red; color: white; padding: 2px 5px;">►NEW</span> Gloss white, 210µ, 3 year monomeric permanent clear adhesive	1371mm x 30M 1524mm x 30M	£229.00 £254.00
		<b>DigiSOL</b>

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

## LG Monomeric Calendered Vinyls (3-5 Year)

### - For Flat Sided Applications and Difficult To Stick To Surfaces



#### LG VIZUON™ LD3800

##### Monomeric vinyls for flat-sided applications 3 - 5 year intermediate grade films with grey adhesive

Ideal for board work and decorating walls with 100μ thick face films which help to prevent the solvent inks from softening the media in printing, and stretching when being laminated, making tiling large areas easier.

The products also have an opaque grey adhesive ensuring the graphic will be colour consistent regardless of the shade of the substrate it is applied to and allows you to use the products as coverall vinyls.

**LD3811G** is a gloss white monomeric permanent grey adhesive.

**LD3811M** is a satin white monomeric permanent grey adhesive.

Recommended laminates are from our DigiGuard range.

Fire rated: ISO 3795 - 1989 (BS AU 169A: 1992).

Product	Roll Size	Price per roll
<b>LD3811G</b> Gloss white, 100μ, 3-5 year monomeric permanent grey adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£86.00 £155.50 £172.00
<b>LD3811M</b> Satin white, 100μ, 3-5 year monomeric permanent grey adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£86.00 £155.50 £172.00



# LG Polymeric Calendered Vinyls (3-5 Year)

## - For Flat Sided Applications and Difficult To Stick To Surfaces



### LG VIZUON™ LD3888

Polymeric vinyls for flat-sided applications

3 - 5 year intermediate grade films with  
ultra tack permanent adhesive for difficult-to-stick surfaces



Double the amount of adhesive as normal and  
Class 0 fire rated.

Works on smooth/rough painted/unpainted concrete,  
smooth/rough general painted surfaces, and  
polyethylene/polypropylene surfaces such as bins,  
plastic dashboards in vans, buses, etc. Adhesive  
strength on difficult surfaces such as HDPE is around  
19 N/25mm, twice as good as other films, and similar to  
the adhesion you would expect from a quality vinyl on a  
good surface such as stainless steel.

**LD3888G** ultra high tack is a gloss white polymeric with  
extra strong permanent adhesive for difficult surfaces.

**LD3888M** ultra high tack is a satin white polymeric with  
extra strong permanent adhesive for difficult surfaces.

Recommended laminates are from our DigiGuard range.

Product	Roll Size	Price per roll
<b>LD3888M</b> Satin white, 80µ, 3-5 year ultra high tack polymeric with extra strong clear permanent adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£163.90 £277.50 £310.70
<b>LD3888G</b> Gloss white, 80µ, 3-5 year ultra high tack polymeric with extra strong clear permanent adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£163.90 £277.50 £310.70



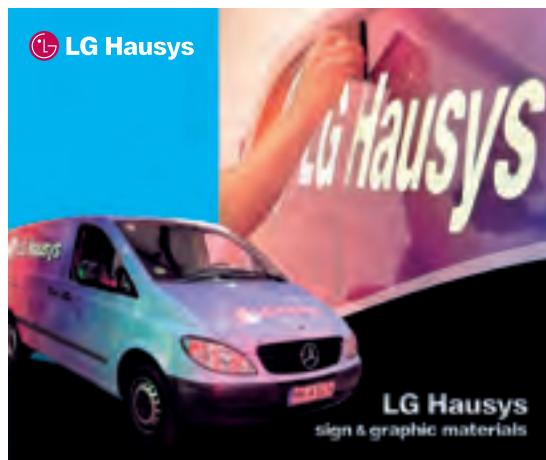
## LG Polymeric Calendered Vinyls (5-7 Year)



### LG VIZUON™ LD3900

Polymeric vinyls for simple curves

5 - 7 year premium grade polymeric films



Our biggest selling polymeric range.

An 80μ polymeric face film combined with a powerful solvent acrylic adhesive that will stick and stay stuck to nearly anything, and all this at an affordable price.

We have been selling the LD3900 solvent polymeric range for over 5 years now without a glitch.

The products are available with both a grey and a clear adhesive. The grey adhesive gives maximum opacity and ensures that the finished look of the graphic will always be colour consistent regardless of the shade of the substrate it is applied to. The grey glue also allows you to use the product as a coverall vinyl at little additional cost.

Fire rated - ISO3795: 1989.

**LD3920G** is a gloss white polymeric with a clear permanent adhesive.

**LD3911G** is a gloss white polymeric with a grey opaque permanent adhesive for coverall applications.

**LP3912G** is a gloss clear polymeric with a permanent adhesive that you can use as the matched laminate for LD3920G and LD3920M. This can also be printed and has a solvent acrylic adhesive ideal for windows as it does not whiten when wet applied.

Product	Roll Size	Price per roll
<b>LD3920G</b> Gloss white, 80μ, 5-7 year polymeric permanent clear adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£97.35 £174.00 £193.70
<b>LD3911G</b> Gloss white, 80μ, 5-7 year polymeric grey opaque permanent adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£110.60 £199.00 £221.20
<b>LP3912G</b> Gloss clear, 80μ, 5-7 year polymeric permanent clear adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£97.35 £174.00 £193.70



### LG VIZUON™ LD4910M

Polymeric vinyls for simple curves

5 - 7 year premium grade polymeric translucent

100μ polymeric vinyl features a thicker film and adhesive combination that makes application to windows much easier.

Vibrant images when both lit and unlit make LD4910M an excellent day and night film, with high optical intensity on blacks.

Recommended laminate is LP3912G gloss.

Fire rated - ISO3795: 1989.

<b>LD4910M</b> Matt white, 100μ, 5-7 year polymeric translucent permanent clear adhesive	760mm x 50M 1371mm x 50M 1524mm x 50M	£171.00 £304.90 £342.00
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# JAC Polymeric Calendered Vinyls (5-7 Year)

## JAC D8000 Series

### 5 - 7 year premium polymeric vinyls

From the Avery Dennison Corporation comes the JAC range of price competitive but high quality polymeric PVC's for longer term graphics.

All the products in the D8000 polymeric range feature 80 $\mu$  high gloss polymeric PVC face films.

The standout combination is JAC D8110 printable gloss white permanent with the matched clear D8100 gloss clear permanent laminate, which will give a bullet-proof solution to the printing of outdoor graphics as both feature higher cost solvent adhesives and PE release liners.

#### Products Available:

**D8110:** This an 80 $\mu$  printable gloss white vinyl with permanent adhesive, ideal for outdoor graphic applications especially when used in combination with D8100 gloss clear permanent laminate.

**D8101:** This is a removable version of D8100, ideal for window graphics which are going to be applied wet and need to be removed without adhesive residue.

**D8100:** This an 80 $\mu$  gloss clear vinyl with permanent adhesive, ideal for outdoor graphic applications especially when used as a laminate with D8110.

**D8120:** JAC have also launched a lower cost polymeric called D8120. This is a gloss white permanent film with a slightly shorter life cycle.

Our DigiGuard range of laminates can be added to create different finishes.



Product	Roll Size	Price per roll
<b>D8110</b> Gloss white, 80 $\mu$ , 5-7 year polymeric permanent adhesive	760mm x 50M 1371mm x 50M 1520mm x 50M	£137.00 £228.40 £254.40
<b>D8120</b> Gloss white, 80 $\mu$ , 4-6 year polymeric permanent adhesive	760mm x 50M 1371mm x 50M 1520mm x 50M	£112.00 £174.00 £194.70
<b>D8100</b> Gloss clear, 80 $\mu$ , 5-7 year polymeric permanent adhesive	760mm x 50M 1371mm x 50M 1520mm x 50M	£141.30 £239.30 £266.50
<b>D8101</b> Gloss clear, 80 $\mu$ , 5-7 year polymeric removable adhesive	760mm x 50M 1371mm x 50M 1520mm x 50M	£141.30 £239.30 £266.50



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

## Multi-Fix Polymeric Calendered Vinyls (5-7 Year)



### MULTI-FIX 6005 ►NEW

#### Multi-fix 6005PE series polymeric vinyls for simple curves 5 - 7 year premium polymeric vinyls

New into our range for 2011.

All 75 $\mu$  films with clear solvent based acrylic adhesives and 140gsm PE liners.

The 6006PE clear version doubles up as a print vinyl as well as the matched laminate.

**Multi-fix 6005PE** is a gloss white polymeric with a clear permanent adhesive and PE liner.

**Multi-fix 6006PE** is a gloss clear polymeric with a clear permanent adhesive and PE liner.

The recommended matched laminate is 6006PE.



Product	Roll Size	Price per roll
Multi-Fix <span style="color: red;">►NEW</span> 6005PE Gloss white, 75 $\mu$ , 7 year polymeric clear permanent adhesive and PE liner	1371mm x 50M 1600mm x 50M	£186.00 £217.00
Multi-Fix <span style="color: red;">►NEW</span> 6006PE Gloss clear, 75 $\mu$ , 5 year polymeric clear permanent adhesive and PE liner	1371mm x 50M 1600mm x 50M	£186.00 £217.00



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

# MACtac Polymeric Calendered Vinyls (7 Year)



## MACtac JT5000

**Polymeric vinyls for simple curves**

**7 year premium polymeric vinyls**

New into our range for 2011.

All 70μ films, grey acrylic adhesives and 140gsm kraft liners.

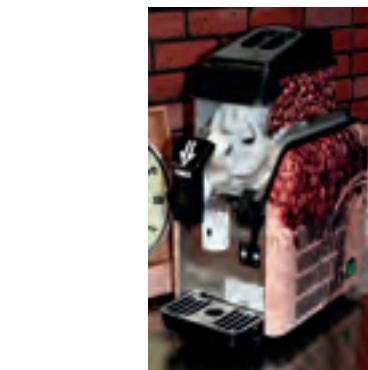
The '**M**' products are ideal for eco-solvent printers as they feature 130gsm PE liner.

**JT5929 P** is a gloss white polymeric with a grey opaque permanent adhesive.

**JT5929 PM** is a gloss white polymeric with a grey opaque permanent adhesive and a PE liner that is ideal for eco-solvent printers.



Product	Roll Size	Price per roll
<b>JT5929 P</b> Gloss white, 70μ, 7 year polymeric grey opaque permanent adhesive	1371mm x 50M 1524mm x 50M	£240.00 £267.00
<b>JT5929 PM</b> Gloss white, 70μ, 7 year polymeric grey opaque permanent adhesive for eco-solvent	1371mm x 50M 1524mm x 50M	£257.00 £286.00



## MACtac Conformable Vinyls (8-10 Year)

### MACtac JT5000

Conformable vinyls for vehicle wrapping

8 - 10 year premium vinyls for convex and concave surfaces

New into our range for 2011.

55μ films, grey acrylic adhesives and 140gsm kraft liners. The 'M' products are ideal for eco-solvent printers as they feature 130gsm PE liners.

**JT5529 P** is gloss white with a grey opaque permanent adhesive.

**JT5529 PM** is gloss white with a grey opaque permanent adhesive and a PE liner that is ideal for eco-solvent printers.



Product	Roll Size	Price per roll
<b>JT5529 P</b> Gloss white, 55μ, 10 year conformable grey opaque permanent adhesive	1371mm x 50M 1524mm x 50M	£444.00 £494.00
<b>JT5529 PM</b> Gloss white, 55μ, 10 year conformable grey opaque permanent adhesive for eco-solvent	1371mm x 50M	£511.00



# JAC Cast Vinyls (7 Year)

## JAC D9000 Series

### For vehicle wrapping - 7 year high performance long life cast films



Primarily designed for vehicle wrapping, D9110 is a 50μ no-memory cast vinyl from the Avery Dennison Corporation, and is suitable for even the most demanding applications.

The **D9110 white cast film** features a grey mid tack permanent adhesive on a 140gsm PE coated release liner. This mid-tack adhesive makes wrapping easier by allowing you to quickly pull the film back from the vehicle and re-apply if required.

It is vital that whoever is applying the film be trained properly as the application and techniques are not the same as for applying more standard vinyls. We can help find the correct training course for you.



As a general rule the vinyl should be heated to 45-55°C whilst conforming around the irregular shape and then the critical areas should be reheated to 80-90°C; to stabilise permanently and eliminate the applied tension in the film. The base film D9110 needs to be left to dry for 24-48 hours prior to lamination. To help the solvents evaporate the material should be left to dry loosely wound on the core.

The matched clear cast laminate for the D9110 cast wrap film is **L9130 clear cast** which is only 30μ thick and suitable for deep recesses. This thinner cast film is easier to mould into deep profiles such as the deep body recesses on Sprinter type vans but still needs to be reheated up to a temperature of 80-90°C.

If heat is required in the lamination process then it must only be in the 20-30°C region.

For detailed instructions please also refer to the Technical Information: Car Wrapping section on page 115.

Product	Roll Size	Price per roll
<b>D9110</b> Gloss white, 50μ, 7 year cast wrap grey medium tack permanent adhesive	1371mm x 25M 1371mm x 50M	£286.10 £538.30
<b>L9130</b> Gloss clear, 30μ, 7 year cast wrap permanent adhesive for deep profiles	1371mm x 25M 1371mm x 50M	£444.70 £836.70



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

#### TOP 12 TIPS TO SUCCESSFUL VEHICLE WRAPPING:

1. Make sure you have images of the vehicle prior to planning the design.
2. Determine where all the joins will fall. Use the natural lines of the vehicle, whether horizontal or vertical. Use door panels/weld lines to cover overlaps.
3. Thoroughly wash the vehicle down with soap and water and allow 24 hours to dry, paying extra attention to door seals and wheel arches.
4. Degrease the vehicle. MACtac recommend isopropyl alcohol. Alternatively use a fast drying panel wipe with silicone killer paying special attention to all the recesses.
5. For solvent printed media allow a minimum of 48hrs to outgas. The rolls should be left standing vertically and loosely wound to help with airflow and should be turned regularly as the solvents are heavier than air. The more the vinyl can be allowed to de-gas, the less tacky the adhesive will feel and the easier the graphic will be to fit.
6. Laminate with cold rollers only. Do not use excessive tension on the rollers.
7. Use a hard MACtac squeegee or similar. Apply a strip of velvet to one edge and change the velvet regularly to avoid scratching.
8. Apply the vinyl to the flattest part of the panel first (create a base line) working from side to side, keeping the vinyl as level as possible. Stretch the vinyl without heat over the whole area and do not work the film into the more complicated areas such as recesses until later.
9. When stretching the vinyl, always pull outwards from the largest area of the vinyl you can to spread the tension. This also applies when you use extra heat to soften and stretch the vinyl, apply heat to a larger area than you need as this should help to avoid distorting the graphic.
10. When cutting through the vinyl on the bodywork or around handles it is best to stick electrical tape to the surface first. Use a new blade each and every time you cut through the vinyl. The weight of the blade should be enough without having to apply extra pressure.
11. Post heat to 95°C or above and always use an infra red temperature gauge to be sure that you have reached this temperature. Anything less and the vinyl will retain its memory and cause the graphic to pop out of recesses and curves. This post heating must be carried out scrupulously on all areas where the wrap has been stretched to fit, especially in deep recesses. Do not overheat as you may damage the film.
12. If vehicle wrapping in colder weather do not let the vehicle leave the workshop until the following day. The vehicle and vinyl should be allowed to cool down at the same rate as the workshop. This will help to avoid thermal shock and reduce the risk of failure in the recesses.

## MACtac Glass Décor Films (1-5 Year)

### MACtac JT5000

#### Films for glass windows - Up to 5 year films

New into our range for 2011.

75 - 95 $\mu$  films, clear acrylic adhesives and 140gsm kraft or 130gsm PE liners.

The '**M**' products are ideal for eco-solvent printers as they feature 130gsm PE liners.

**JT5899 R** is a 3 year gloss clear monomeric vinyl with a clear removable adhesive which can be removed from most surfaces up to 2 years later without adhesive residue.

**JT5899 RM** is a 3 year gloss clear monomeric vinyl with a clear removable adhesive and a PE liner that is ideal for eco-solvent printers. It can be removed from most surfaces up to 2 years later without adhesive residue.

**JT5999 R** is a 5 year gloss clear polymeric vinyl with a clear removable adhesive which can be removed from most surfaces up to 2 years later without adhesive residue.

**JT5499 R** is a 1 year optically clear gloss polyester film with a clear removable adhesive which can be removed from most surfaces up to 2 years later without adhesive residue. It is the clearest of all the MACtac Glass Decor films and has a 25 $\mu$  polyester liner to ensure the clarity of the finished product.

**JT5796 M BF** is a 5 year translucent matt frosted polymeric vinyl with a micro-structured 'bubble-free' grey opaque permanent adhesive on a PE liner for easy application.

**JT5798 M BF** is a 5 year translucent matt dusted polymeric vinyl with a micro-structured 'bubble-free' grey opaque permanent adhesive on a PE liner for easy application.



Product	Roll Size	Price per roll
<b>JT5899 R</b> Gloss clear, 100 $\mu$ , 3 year monomeric removable clear adhesive	1371mm x 50M 1524mm x 50M	£157.50 £175.10
<b>JT5899 RM</b> Gloss clear, 100 $\mu$ , 3 year monomeric removable clear adhesive	1371mm x 50M 1524mm x 50M	£167.50 £186.30
<b>JT5999 R</b> Gloss clear, 80 $\mu$ , 5 year polymeric removable clear adhesive	1371mm x 50M	£251.60
<b>JT5499 R</b> Optically clear gloss, 75 $\mu$ , 1 year PET removable clear adhesive	1371mm x 25M	£319.30
<b>JT5796 M BF</b> Translucent matt frosted, 80 $\mu$ , 5 year polymeric micro-structured permanent clear adhesive	1371mm x 50M	£571.70
<b>JT5798 M BF</b> Translucent matt dusted, 80 $\mu$ , 5 year polymeric micro-structured permanent clear adhesive	1371mm x 50M	£516.10

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

## MACtac Banner Vinyls (3 Year)

### MACtac JT5000

#### Vinyls for banners - 3 year very soft vinyls

New into our range for 2011.

70µ very soft films, clear acrylic adhesives and 140gsm kraft liners.

For plasticised surfaces such as banners.

**JT5826 P** is a 3 year matt white soft banner film with a clear permanent plasticiser resistant adhesive.

Product	Roll Size	Price per roll
JT5826 P Matt white, 70µ, 3 year monomeric permanent adhesive	1371mm x 50M	£332.90



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

## MACTac Translucent Vinyls (7 Year)

### MACTac JT5000

#### Vinyls for illuminated signs - 7 year premium polymeric vinyls

New into our range for 2011.

80μ polymeric films, clear acrylic adhesives and 140gsm kraft liners.

For illuminated signs.

JT5728 P is a 7 year matt white translucent polymeric with a clear permanent adhesive.



Product	Roll Size	Price per roll
JT5728 P Matt white, 80μ, 7 year translucent polymeric permanent clear adhesive	1371mm x 50M	£334.20



# MACtac Architectural Vinyls (Up To 4 Year)

## MACtac JT5000 NEW

### Architectural vinyls for walls and floors - Up to 4 year vinyls

New into our range for 2011.

A range of vinyls for the decoration of walls and floors.

**WW100** is a 55 $\mu$  white gloss conformable vinyl with a grey opaque permanent adhesive and a 2 year outdoor life. For application to brickwork.

**WW200** is a 150 $\mu$  white matt semi-rigid vinyl with a removable and repositionable adhesive. For internal smooth walls. Lamination is not recommended.

**WW300** is a 100 $\mu$  white matt vinyl with a grey opaque permanent high tack adhesive and a 4 year outdoor life. For difficult to stick surfaces.

**Streetrap** is a 85 $\mu$  white matt vinyl with an aggressive permanent adhesive and a 3 month outdoor life for pedestrian traffic when laminated with **Streetrap Protect**. For application to smooth and slightly rough pedestrian surfaces like concrete and asphalt.



Product	Roll Size	Price per roll
<b>WW100</b> Gloss white, 55 $\mu$ , 2 year conformable grey opaque permanent adhesive for brickwork	1371mm x 25M	£263.20
<b>WW200</b> Matt white, 150 $\mu$ , semi-rigid removable & repositionable clear adhesive for internal smooth walls	1371mm x 25M	£199.30
<b>WW300</b> Matt white, 100 $\mu$ , 4 year, grey opaque high tack permanent adhesive for difficult surfaces	1371mm x 50M	£249.60
<b>Streetrap</b> Matt white, 85 $\mu$ , aggressive clear permanent adhesive for smooth & slightly rough floors	1371mm x 25M	£496.20



## Scrim Banner Vinyls

### SFL430M and SFL430G

#### Smooth matt and gloss scrim PVC banner

Our best value for money banner.

SFL430 is a 430gsm / 13oz laminated frontlit scrim that is available in both matt and gloss.

Bright white finish with a backing that can be taped (with our Bannux double-sided tape), welded or stitched.

SFL430M and SFL430G are medium strength banners with a tensile strength of 300/315 N/2.5cm and with a tear strength of 31/54 N so may not be suitable for across-the-street applications with large sail areas. For these type of applications where wind resistance is a major issue we would recommend one of our stronger banners such as SFC550M.

**SFL430M** is a smooth matt scrim PVC banner.

**SFL430G** is a smooth gloss scrim PVC banner.

### SFL530M

#### Smooth matt scrim PVC banner

SFL530M is a 530gsm / 15oz matt finished laminated frontlit scrim PVC banner in a nice neutral white shade.

It offers great value for money and has the smoothest face of all our laminated scrim banners.

It can be taped (with our Bannux double-sided tape), welded or stitched.

SFL530M is a medium strength banner with a tensile strength of 380/330 N/2.5cm and with a tear strength of 145/130 N so may not be suitable for across-the-street applications with large sail areas. For these type of applications where wind resistance is a major issue we would recommend one of our stronger banners such as SFC550M.



### SFC550M ►NEW

#### Coated fire rated smooth matt scrim high strength PVC banner

If you are looking for a banner that hangs flat and is both strong and smooth then SFC550M is the product to look at. This is a 16oz / 550gsm coated frontlit scrim PVC banner that can be taped (with our Bannux double-sided tape), welded or stitched. It is a brilliant white shade and is probably the strongest banner in our range. The tensile strength is 1300/1100 N/2.5cm and tear strength is 243/220 N.

The scrim pattern is very tight which makes the surface very smooth to print on whilst retaining its strength.

Print quality is superb and this coated banner hangs flatter than any of the other scrim reinforced banners in our range. The back of the banner is also pretty smooth making it look good even from the reverse side. If you only want to stock one banner then SFC550M should be the choice. Fire rated to BS5867-2: 2008 Type "B".

### SFL440M

#### Smooth matt scrim PVC banner

This 13oz / 440gsm lightweight laminated frontlit scrim PVC banner can be taped (with our Bannux double-sided tape), welded or stitched. The strength is lower than most of the other banners with a tensile strength of 225/275 N/2.5cm and a tear strength of 80/95 N. This banner is not recommended for across-the-street applications with large sail areas.

Product	Roll Size	Price per roll
<b>SFL430M</b>	760mm x 30M 1371mm x 30M 1620mm x 30M 2500mm x 30M	£39.90 £60.90 £72.50 £111.00
<b>SFL430G <span style="color: red;">►NEW</span></b>	760mm x 30M 1371mm x 30M 1620mm x 30M	£39.90 £60.90 £72.50

<b>SFL530M</b>	760mm x 30M 1371mm x 30M 1620mm x 30M 3200mm x 30M	£47.50 £73.50 £87.00 £174.00
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<b>SFC550M <span style="color: red;">►NEW</span></b>	1100mm x 30M 1371mm x 30M 1620mm x 30M 2500mm x 30M	£92.70 £115.30 £137.00 £211.10
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<b>SFL440M</b>	760mm x 30M 1371mm x 30M 1600mm x 30M 2030mm x 30M 2500mm x 30M	£57.30 £75.70 £87.60 £111.40 £137.40
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## LG Scrim Banner Vinyls



### LG VIZUON™ BANNUX UGS13 Ultra gloss fire rated PVC scrim banner

UGS13 is 13oz / 440gsm and can be taped (with our Bannux BT2 double-sided tape), welded or stitched. It is suitable for across-the-street banner applications.

The tensile strength of UGS13 is 730/675 N/2.5cm width with a tear strength of 190/240 N.

UGS13 is fire rated and complies with both BS 5867: Part 2, and BS 7837: 1996.



Product	Roll Size	Price per roll
UGS13 Gloss white scrim PVC banner 440gsm / 13oz	760mm x 30M 1371mm x 30M 1600mm x 30M	£80.20 £138.10 £160.50



## Smooth Banner Vinyls

### XIGN 13

#### 13oz / 440gsm ultra smooth anti-curl block out PVC banner with grey backing

For banner stands.

A single sided and slightly thinner version of our double-sided XIGN 14 banner.

XIGN 13 also has a polyester layer encapsulated by PVC which gives the product a stiff feel and ensures it hangs flat with no edge curl to detract from the finished roll-up. It fits well into all banner stands and has a grey backing to prevent show through.

XIGN 13 has a super smooth surface with good scratch resistance and is fully opaque to prevent show through of the stand structure.

For roll-up banner stands, we would recommend that the product is laid out flat to dry for around 4 hours to ensure that all solvents are evaporated. The panel can then be trimmed and inserted into the banner stand. This will ensure that the finished drop lies as flat as possible with this one piece solution.

The tensile strength is 600/600 N/2.5cm and tear strength is 35/28 N.

### LG VIZUON™ BANNUX XIGN 14

#### Smooth matt scrim PVC banner



14 oz / 475gsm ultra smooth anti-curl block out PVC banner with white backing. A very popular choice for banner stands and ideal for double-sided banners.

XIGN 14 banner has a polyester layer encapsulated by PVC which gives the product a stiff feel and ensures it hangs flat with no edge curl to detract from the finished roll-up.

It fits well into all banner stands.

XIGN 14 also has a super smooth surface with good scratch resistance and is fully opaque to prevent show through of the stand structure. For roll-up banner stands

we would recommend that the product is laid out flat to dry for around 4 hours to ensure that all solvents are evaporated. The panel can then be trimmed and inserted into the banner stand. This will ensure that the finished drop lies as flat as possible with this one piece solution.

The tensile strength is 980/980 N/2.5cm and tear strength is 7/7 N.

Product	Roll Size	Price per roll
XIGN 13 Matt white, ultra smooth, 330μ, single sided anti-curl block out PVC banner 440gsm / 13oz	914mm x 30M 1067mm x 30M 1371mm x 30M	£113.50 £132.50 £170.30

XIGN 14 Matt white, ultra smooth, 475gsm / 14oz, anti-curl block out PVC banner
990mm x 30M 1371mm x 30M 1520mm x 30M

990mm x 30M  
1371mm x 30M  
1520mm x 30M

£156.80  
£216.30  
£240.10



 **LG Hausys**

## Smooth Banner Vinyls



### LG VIZUON™ BANNUX USB14

#### 14oz ultra smooth B1 fire rated block-out banner



Still a great seller after 7 years.

An ultra smooth polyester reinforced block out banner PVC.

USB14 is 14oz / 470gsm and is primarily used for pull-up displays although it is also suitable for most banner applications.

USB14 can be printed on both sides and features a block out layer for added opacity.

It can be taped, welded or stitched but has significantly lower tear and tensile strength than our scrim banners so may not be suitable for across-the-street applications with large sail areas. The tensile strength of USB14 is 350/350 N/2.5cm width with a tear strength of 30/30 N.

For roll-up banner stands, we would recommend that the product is laid out flat to dry for around 24 hours to ensure that all solvents are evaporated. The panel can then be trimmed and inserted into the banner stand. This will ensure that the finished drop lies as flat as possible with this one piece solution.

USB14 is fire rated to B1.

Product	Roll Size	Price per roll
USB14 matt white, ultra-smooth scrim PVC banner 470gsm / 14oz	760mm x 30M 1371mm x 30M 1600mm x 30M	£102.40 £174.70 £204.80

LG Hausys

## Mesh


**TSME8** NEW

### 15/85 fire rated PVC coated polyester mesh with release liner



Twice as strong and a lower cost version of our TSME11 mesh. This 270gsm mesh has an easy to remove release liner that allows the product to be printed on all solvent printers.

The 15% hole to 85% film configuration helps make this mesh both strong and ideal for close up viewing. The 1000D x 1000D warp knitted fabric has a high tensile strength of 915/830 N/2.5cm and a high tear strength of 190/150 N, making it the strongest mesh in our range.

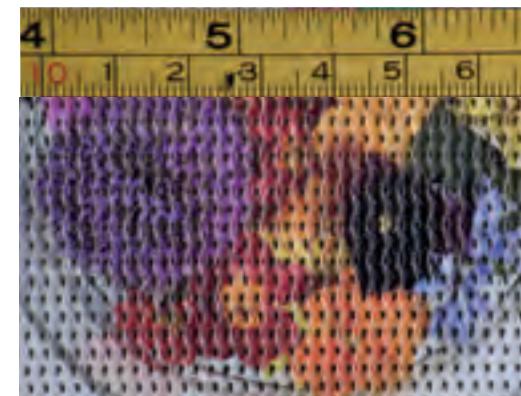
It can be welded or stitched.

TSME8 is fire rated to NFPA 701: 2004.

◀ The image on the left is shown at 50% actual size.

The image on the right is shown at 100% actual size ➤

Product	Roll Size	Price per roll
TSME8 White, 270gsm, PVC mesh with release liner	1371mm x 50M 1600mm x 50M 2500mm x 50M	£185.00 £216.30 £338.50


**TSME11**

### 30/70 B1 fire rated PVC coated polyester mesh with release liner



B1 fire rated.

This 300gsm mesh has an easy to remove release liner that allows the product to be printed on all solvent printers.

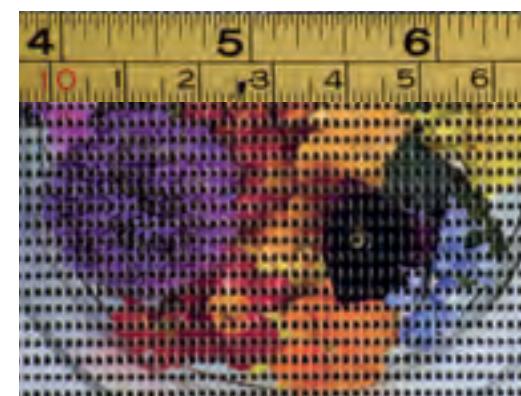
The 30% hole to 70% film configuration on TSME11 helps make this mesh better for longer viewing distances. This warp knitted fabric has a high tensile strength of 720/770 N/2.5cm and a high tear strength of 220/170 N.

It can be welded or stitched.

◀ The image on the left is shown at 50% actual size.

The image on the right is shown at 100% actual size ➤

TSME11 White, 300gsm, PVC mesh with release liner	1371mm x 30M 1600mm x 30M 2500mm x 30M	£185.00 £216.30 £338.50
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## Indoor Papers

### TSMP9

#### 180gsm matt fast dry indoor paper

TSMP9 is our fastest drying and most competitively priced paper for solvent printing. A unique barrier coated paper that holds the ink well and offers good scuff resistance. Ideal for volume lower cost internal prints.

### TSGP225 ►NEW

#### 225gsm photo gloss indoor paper



A new gloss photo paper for 2011.

Better print quality and heavier weight than our older TSPHG6 and at a lower price.

TSGP225 is also better to laminate than TSPHG6 and the 225gsm paper makes it easy to handle.

Suitable for latex printing.

The base paper is sourced from certified managed forests.

### TSSP225 ►NEW

#### 225gsm photo satin indoor paper

A satin version of TSGP225.

Excellent print quality and suitable for latex printing.

The base paper is sourced from certified managed forests.

Product	Roll Size	Price per roll
TSMP9 180gsm matt white fast dry indoor paper	760mm x 50M 1371mm x 50M 1524mm x 50M	£69.80 £119.80 £133.60

TSGP225 <span style="color: red;">►NEW</span> 225gsm gloss white photo indoor paper	760mm x 30M 1371mm x 30M 1524mm x 30M	£50.00 £88.00 £98.00

TSSP225 <span style="color: red;">►NEW</span> 225gsm satin white photo indoor paper	760mm x 30M 1371mm x 30M 1524mm x 30M	£50.00 £88.00 £98.00

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

## Outdoor Papers

### TSPPG6 NEW

#### 140gsm gloss outdoor poster paper

TSPPG6 is a lighter and much lower cost version of our TSPPG9 210gsm premium opaque gloss outdoor poster paper. TSPPG6 can be used for internal applications that would once have been printed using a water based inkjet printer with the added bonus of superior water, scratch and fade resistance.

The print results are outstanding on a variety of solvent printers with superb colour definition. TSPPG6 works particularly well on the latest Latex printers, even the blacks look punchy and glossy. A solvent print on the above poster paper will typically last for 2 - 3 months outdoors unlaminated. Lamination will dramatically extend the image life and our recommended laminates are from our DigiGuard range. Drying times on the poster papers are sometimes slower than our self-adhesive vinyl so take care when handling straight after printing. Let the prints dry for a couple of hours before finishing them. A forced air dryer such as a fan heater can be used to speed up drying times if required. The base paper is sourced from certified managed forests.

### TSPPG9

#### 210gsm premium opaque gloss outdoor poster paper

TSPPG9 is our best-selling and premium solvent poster paper.

With the highest most vibrant print quality, TSPPG9 can be used for internal applications that would once have been printed using a water based inkjet printer with the added bonus of superior water, scratch and fade resistance. The print results are outstanding on a variety of solvent printers with superb colour definition.

A solvent print on the above poster paper will typically last for 2 - 3 months outdoors unlaminated. Lamination will dramatically extend the image life and our recommended laminates are from our DigiGuard range. Drying times on the poster papers are sometimes slower than our self-adhesive vinyl so take care when handling straight after printing. Let the prints dry for a couple of hours before finishing them. A forced air dryer such as a fan heater can be used to speed up drying times if required. The base paper is sourced from certified managed forests.

### TSPPS6

#### 140gsm opaque satin outdoor poster paper

TSPPS6 is a very opaque, barrier coated satin white poster paper that has excellent wet strength properties, which allow it to be used as an outdoor poster paper. Its resistance to temperature and humidity also allows it to be used in environments with high humidity and extreme temperature variations such as

laundrette etc. The print results are outstanding on a variety of solvent printers with superb colour

definition. A solvent print on the above poster paper will typically last for 2 - 3 months outdoors unlaminated. Lamination will dramatically extend the image life and our recommended laminates are from our DigiGuard range. Drying times on the poster papers are sometimes slower than our self-adhesive vinyl so take care when handling straight after printing. Let the prints dry for a couple of hours before finishing them. A forced air dryer such as a fan heater can be used to speed up drying times if required. The base paper is sourced from certified managed forests.

### TSBBS5

#### 125gsm blue backed satin outdoor poster paper

TSBBS5 blue back is designed to prevent show-through of previous posters.

This cover-all paper has excellent wet strength properties and will typically last 2 - 3 months outdoors unlaminated. Our recommended DigiGuard laminates will dramatically extend this life. Like the other poster papers, drying times may be slower than on a standard vinyl. After solvent printing, the prints on

TSBBS5 should be soaked for up to 24 hours in water to avoid the prints from shrinking or swelling when in-situ. A standard or heavy-duty starch based paste may be used. We also stock a self adhesive version of this called TSBBS5SA. The base paper is sourced from certified managed forests.

Product	Roll Size	Price per roll
TSPPG6 <span style="background-color: red; color: white; padding: 2px 5px;">NEW</span> Gloss white, 140gsm outdoor poster paper	760mm x 60M 1371mm x 60M 1524mm x 60M	£52.00 £89.00 £99.00

TSPPG9 Gloss white, 210gsm premium opaque outdoor poster paper	760mm x 50M 1371mm x 50M 1524mm x 50M	£58.00 £99.00 £110.00
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TSPPS6 Satin white, 140gsm opaque outdoor poster paper	760mm x 60M 1371mm x 60M 1524mm x 60M	£47.00 £79.00 £88.00
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TSBBS5 Satin white, 125gsm blue backed outdoor poster paper	760mm x 60M 1371mm x 60M 1524mm x 60M	£47.00 £79.00 £88.00
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# Pop-Up and Roll-Up Media

## TSFP7

### 180µ opaque satin polyester for roll-ups

Now up to 1371mm wide. TSFP7 is a satin, fully opaque and stable polyester with a light stop grey back-coat that has been formulated solely for the quick, easy and economical production of pull-up displays. The product offers good scuff resistance so some customers are using it unlaminated. If you need to protect the graphic then our laminate TV3-60 is recommended. Laminated correctly the finished roll-up will hang flat within 15 minutes. More detailed information can be found on page 114 of this price guide.



## TSFP13

### 310µ opaque satin polyester for pop-ups

Now up to 1371mm wide. TSFP13 is a satin, fully opaque and stable polyester with a light stop grey back-coat that has been formulated solely for the quick, easy and economical production of pop-up displays. The product offers good scuff resistance so some customers are using it unlaminated but for pop-ups we would always recommend lamination. We would currently recommend our TV10-30, which is a 250µ deep textured clear rigid PVC. More detailed information can be found on page 114 of this price guide.



### Opaque satin synthetic tear resistant polypropylene film

#### One part solution for roll-ups that does not require lamination

Fully opaque grey back and our most scuff and scratch resistant one part solution for roll-up displays. It does not require lamination and hangs very flat with little edge curl.

TSOP7 is also a more environmentally responsible alternative to existing two part options or using heavy-weight PVC banners.

TSOP7 roll-up is an opaque backed polypropylene banner material with resin identification code number 5. It only weighs 130 grammes per M<sup>2</sup> so a full graphic panel can weigh less than 1/4kg. This is 25% to 50% of the weight of alternatives so TSOP7 consumes fewer resources in the manufacturing stage and is easier to place in the recycling chain.

Before polypropylene was invented, the gaseous waste from oil such as propylene and ethylene were simply burned, because they were useless. Today, these gases are used to produce polypropylene, thus drastically reducing atmospheric pollution. The production process also eliminates the potential polluting of rivers, streams and lakes, due to the use of water in a closed cooling cycle.

#### TSOP7:

- Reduces the amount of raw material required in the finished product
- Reduces the potential damage to the environment in the manufacturing process
- Reduces the carbon footprint required to ship the product
- Reduces the environmental impact upon disposal

Product	Roll Size	Price per roll
TSFP7 Satin white, 180µ, grey light stop opaque polyester	914mm x 30M 1067mm x 30M 1371mm x 30M	£177.50 £207.20 £266.30

TSFP13 Satin white, 310µ, grey light stop opaque polyester	914mm x 20M 1371mm x 20M	£177.50 £266.30
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TSOP7 Satin white, 170µ / 130gsm grey light stop opaque synthetic tear resistant film	914mm x 30M 914mm x 100M 1067mm x 30M 1371mm x 30M 1524mm x 30M	£125.00 £357.00 £145.90 £187.50 £208.40
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## Fabrics



### TSNW8

#### 200gsm / 400μ non-woven fabric

Our most economical way to produce a roll-up graphic.

This light fabric weighs only 200gsm so a roll-up drop will come in at under 1/2 kg in weight and will cost you less than £5 in material.

TSNW8 has good water and scratch resistance so does not need a laminate for protection. It has good tear resistance and hangs well in a banner stand with very little edge curl.

It is made out of 100% recyclable polypropylene (PP) so it is not opaque, and at 200μ fits easily into even the lowest cost and smallest roll-up units.

The light fabric is quite crumple resistant and can be taped.

### TSFG4

#### 135gsm double sided polyester flag with release liner

A 135gsm warp knitted flag on a paper release liner suitable for all wide format solvent printers.

Unlike some other flags, TSFG4 is a double sided flag and shows little difference in the print vibrancy between the front and back sides.

Tensile strength is good at 260/260 N/2.5cm width and the tear strength is good at 21/13 N.

It has a wide temperature range and has an outdoor life of 3 - 6 months dependent on the inks used.

Product	Roll Size	Price per roll
TSNW8 Matt white 200gsm / 400μ non-woven fabric for roll-up displays	914mm x 30M 1371mm x 30M 1524mm x 30M	£70.60 £105.90 £117.70

TSFG4 Matt white, 135gsm double sided flag with release liner	1371mm x 30M	£207.60
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## Canvas

### TSSC9 NEW

#### Satin synthetic canvas textured PP

TSSC9 is a 140gsm / 215 $\mu$  polypropylene film with an inkjet coating for eco and true-solvent inks with a realistic imitation canvas look.

As well as the significant cost advantage, the product has excellent water and scratch resistance and dries very quickly.

Prints can be framed or glued with most of the common framing systems for canvas. If staples are used, it is recommended to reinforce the area with a tape.

### TSMC18

#### 350gsm matt artist canvas for indoors

A matt finished water-resistant canvas for fine art reproduction and portraits that is more vibrant than other matt canvas products currently in the market. TSMC18 dries quickly and can be folded over frames without cracking. It has outstanding print quality. Solvent prints on TSMC18 will outlast normal fine art prints, making it ideal for long-term internal projects whilst also offering better than normal water resistance. Lamination is currently not recommended. The canvas can become brittle below room temperature so if working in colder conditions then handle the product very carefully when stretching and folding over wooden frames. For internal use only.

### TSSC15

#### 340gsm satin artist canvas for indoors



A satin finished water-resistant canvas for fine art reproduction and portraits. TSSC15 dries quickly and can be folded over frames without cracking.

It has outstanding print quality.

Solvent prints on TSSC15 will outlast normal fine art prints, making it ideal for long-term internal projects whilst also offering better than normal water resistance.

Lamination is currently not recommended. The canvas can become brittle below room temperature so if working in colder conditions then handle the product very carefully when stretching and folding over wooden frames.

For internal use only.

Product	Roll Size	Price per roll
TSSC9 <span style="color: red;">NEW</span> Satin white, 140gsm / 215 $\mu$ textured PP film synthetic canvas	914mm x 40M 1371mm x 40M	£205.00 £307.50

### TSMC18

Matt white  
350gsm / 18mil  
artist canvas

760mm x 23M  
1371mm x 23M  
1575mm x 23M

£145.00  
£233.00  
£260.00

TSSC15  
Satin white  
340gsm / 15mil  
artist canvas

760mm x 15M  
1371mm x 15M  
1524mm x 15M

£137.00  
£221.00  
£246.00

## Speciality Self-Adhesive Films

### TSPT12 NEW

#### 280μ FabTex universal matt self-adhesive fabric

FabTex is now available for solvent printers. Now in a brighter white finish and with less stretch to make it easier to apply and re-apply. FabTex is a matt finished cloth with a semi-permanent adhesive on a paper release liner. FabTex can be crumpled up and then smoothed out without wrinkles.

The fabric has no sharp edges so combined with the easy to apply adhesive, FabTex is perfect for end users to apply themselves. The adhesive system is semi-permanent enabling the graphic to be moved around.

FabTex is tear and water resistant with an outdoor life expectancy of at least 6 months unlaminated. It has excellent light diffusion properties so can also be applied to light boxes for backlit applications. The fabric can also be stretched over rigid display frames. FabTex will stick to any non-porous surface such as painted walls, windows etc. and can be applied to curved surfaces. Lamination of FabTex is not recommended.

Due to the variety of textures and surface coatings on wallpapers it is important that the end user applies a complete drop to the various walls involved to check that the graphics will stay in place. Heavily textured wallpapers are more difficult to get good adhesion to than to smooth ones. Also wallpaper surface coatings can vary widely from vinyl (PVC) or acrylic to other coatings such as polypropylene (PP), which are much more difficult to gain the correct amount of adhesion to.



### TSPP7SA ECO CHOICE

#### 170μ easy-tack self adhesive satin polypropylene

A more environmentally friendly option than PVC for recycling. It is also ideal for graphics that need to be easy to apply and easy to move around. The easy-tack adhesive can be applied by a novice without leaving air bubbles. Any trapped air can either be squeegeed straight out or you can just lift it up and try again. The low tack post-it-note type adhesive can be applied and reapplied again and again. The film is quite rigid making it easy to apply to flat surfaces. It will not stretch in printing or lamination.

TSPP7SA will stick to nearly anything including emulsioned walls and wood, and can be removed from these surfaces easily without leaving any glue residue. It can then be reapplied somewhere else. Ideal for presentation graphics, temporary wall paper etc. The film has good scratch and scuff resistance. Only for use on flat surfaces.

We have customers who are using this product to create wall banger posters. These are life size, reusable, high resolution cut-out images that are simple to apply and can be stuck to a flat, dry surface such as a painted wall. TSPP7SA should not be stuck to a plasticised PVC film as this will change the adhesive properties to permanent.

Designed for internal use only.

Due to the variety of textures and surface coatings on wallpapers it is important that the end user applies a complete drop to the various walls involved to check that the graphics will stay in place. Heavily textured wallpapers are more difficult to get good adhesion to than to smooth ones. Also wallpaper surface coatings can vary widely from vinyl (PVC) or acrylic to other coatings such as polypropylene (PP), which are much more difficult to gain the correct amount of adhesion to.

Product	Roll Size	Price per roll
TSPT12 <span style="background-color: red; color: white; padding: 2px 5px;">NEW</span> Matt white, 280μ, FabTex self-adhesive fabric, semi-permanent clear adhesive	914mm x 30M 1371mm x 30M 1524mm x 30M	£157.90 £236.90 £263.30

TSPP7SA Satin white, 170μ, easy-tack self adhesive polypropylene	760mm x 30M 1067mm x 30M 1270mm x 30M 1371mm x 30M	£179.70 £248.00 £295.20 £318.70
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# Speciality Self-Adhesive Films

## TSG and TSB

### Self adhesive permanent gold & silver in gloss and brushed finishes

An eye catching range of self adhesive metallic gold and silver films.

Manufactured from 75 $\mu$  PVC and top coated for solvent printers these are ideal products for eye catching POS, nameplates, badges, retail advertising and exhibition graphics.



#### TSGG3

is a plain gloss gold.

#### TSGS3

is the plain gloss silver version.

#### TSBS3

looks like brushed silver / aluminium.

Product	Roll Size	Price per roll
TSGG3 Gloss gold, 75 $\mu$ , 1-2 year	610mm x 45M 1220mm x 45M	£235.80 £465.60
TSGS3 Gloss silver, 75 $\mu$ , 1-2 year	610mm x 45M 1220mm x 45M	£235.80 £465.60
TSBS3 Brushed silver, 75 $\mu$ , 1-2 year	610mm x 45M 1220mm x 45M	£235.80 £465.60

All are available with a permanent adhesive and an outdoor durability of 1-2 years.

## TSRS6

### 150 $\mu$ easy-tack self adhesive reverse print film

A one-part solution for stunning window graphics and light box applications.

It features a white matt translucent coating on the polyester film for reverse printing that is both tough and water resistant. The easy-tack adhesive is low tack repositionable and is formulated for window applications. An absolute beginner can apply TSRS6 without leaving any air bubbles, and the graphic can be removed and re-applied many times without leaving adhesive residue. For internal applications, it can be laminated to protect the image.

TSRS6 (unlike RS150) is not a true reverse print film so is not recommended for two-way viewing applications. TSRS6 requires more care in printing than any other product in our range. The unprinted material is susceptible to humidity changes. To minimise waste, it is vital to remove from the packaging just prior to printing and then to replace the roll in the packaging immediately after printing. The roll should also be pulled tight and securely taped before repacking. This will reduce the risk of the release liner tunnelling. Printer heaters may need to be turned down to prevent the release liner tunnelling during printing.

TSRS6 Matt white, 150 $\mu$ , easy-tack self adhesive reverse print film	760mm x 20M 1270mm x 20M	£178.40 £292.40
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## TSBBS5SA

### 125gsm self-adhesive blue backed poster paper

TSBBS5SA is a self-adhesive version of our blue-back poster paper. It can be used as an instant cover-all poster or as a more eco-friendly alternative to vinyls on boards. It will not stretch in mounting so there is no need to laminate. The satin finish has quite good scratch and scuff resistance. It can be more effective to use TSBBS5SA unlaminated on boards than to use a vinyl plus laminate. The base paper is sourced from certified managed forests.

TSBBS5SA Satin white, 125gsm, blue backed self-adhesive	1371mm x 50M	£244.40
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## Speciality Non-Adhesive


**TSPP7**

### 170 $\mu$ satin polypropylene tear resistant film

This 170 $\mu$  / 130gsm semi rigid polypropylene film has good scratch and scuff resistance.

Often used as a low cost, light, one part solution for roll-ups as it does not require lamination and hangs very flat with little edge curl.

There is a grey backed fully opaque version in our range called TSOP7 and a self-adhesive version TSPP7SA.

A more environmentally responsible alternative to other synthetics on the market.

TSPP7 is a polypropylene banner material with resin identification code number 5.

It only weighs 130 grammes per M<sup>2</sup> so consumes fewer resources in the manufacturing stage and is easier to place in the recycling chain.

**TSFB8**

### 200 $\mu$ front print backlit PET film

For internal or external backlit applications.

Thicker and lower cost than its predecessor TSFB5.

TSFB8 is similar in thickness to the old Kodak Duratrans film for display transparencies. It is a single-sided transparent rigid polyester film with a white matt solvent inkjet coating. The 200 $\mu$  film has been engineered to optimise drying times, allowing the necessary heat to pass through the PET and help to dry the ink.

Product	Roll Size	Price per roll
TSPP7 Satin white, 170 $\mu$ , synthetic tear resistant film	760mm x 40M 914mm x 40M 1067mm x 40M 1371mm x 40M 1524mm x 40M	£121.05 £141.60 £165.30 £212.40 £236.10

**TSFB8**

Translucent white, 200 $\mu$ , front print backlit PET film

760mm x 30M  
1371mm x 30M  
1524mm x 30M

£180.50  
£295.30  
£328.30

## Wallpapers

**TSWS13****330μ smooth B1 fire rated PVC coated non-woven wallpaper**

For customised interiors of offices, homes and retail outlets.

TSWS13 is a B1 fire rated durable smooth wallpaper.

When pasting, a standard or heavy-duty starch based paste may be used.

Lamination of TSWS13 is not recommended.

The surface is scuff resistant and can be washed carefully with a damp cloth and mild detergent.

See our guide for wall paper on page 113.

**TSWT14****350μ textured B1 fire rated PVC coated non-woven wallpaper**

For customised interiors of offices, homes and retail outlets.

TSWT14 is a B1 fire rated durable wallpaper with a textured finish which helps to resist scuffing.

When pasting, a standard or heavy-duty starch based paste may be used.

Lamination of TSWT14 is not recommended.

The surface is scuff resistant and can be washed carefully with a damp cloth and mild detergent.

See our guide for wall paper on page 113.

**UWP12****12mil wallpaper**

For customised interiors of offices, homes and retail outlets.

UWP12 is a latex based printable wallpaper for solvent printing offering high print quality with minimum wet expansion.

To protect the wallpaper prints from abrasion, dirt and moisture we would recommend the application of a Decorators Varnish, such as a clear acrylic coating. When pasting, a standard or heavy-duty starch based paste may be used.

The wet expansion is limited making UWP12 slightly more difficult to hang than some standard wallpapers and care must be taken if papering on to a curved surface. As when hanging standard wallpaper, always check the suitability of the wall to accept pasting.

Lamination of UWP12 is not recommended.

See our guide for wall paper on page 113.

Product	Roll Size	Price per roll
TSWS13 Matt white, 330μ, smooth PVC coated non-woven wallpaper	1300mm x 50M	£409.50

TSWT14 Matt white, 350μ, textured PVC coated non-woven wallpaper	1300mm x 50M	£409.50
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UWP12 Matt white, 230gsm, latex based wallpaper	1067mm x 23M	£218.60
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## One-Way Vision Perforated Vinyls

### MACtac JT5000 ►NEW

#### 'One-way vision' vinyls for windows - 1 year perforated vinyls

New into our range for 2011.

Perforated white vinyls, semi-permanent clear acrylic adhesives.

For 'One-Way Vision' applications.

**JT5817 P** is a 160 $\mu$  white perforated monomeric with 1.6mm holes, a black reverse side and a semi-permanent adhesive and solid liner. Vinyl to hole ratio is 55:45 making it better for mid range viewing.

**JT5817 PUV** is a 180 $\mu$  white perforated monomeric with 1.6mm holes, a black reverse side and a semi-permanent adhesive and film liner for UV or solvent printing. Vinyl to hole ratio is 55:45 making it better for mid range viewing. Suitable for UV printers.

**JT5837 P** is a 160 $\mu$  white perforated monomeric with 1.5mm holes, a black reverse side and a semi-permanent adhesive and solid liner. Vinyl to hole ratio is 70:30 making it better for close range viewing.



Product	Roll Size	Price per roll
<b>JT5817 P <span style="border: 1px solid red; padding: 0 2px;">►NEW</span></b> Gloss white, 160 $\mu$ , 1 year, perforated (1.6mm) monomeric one-way 55/45 ratio with black reverse side semi-permanent adhesive and solid liner	1371mm x 50M	£470.00
<b>JT5817 PUV <span style="border: 1px solid red; padding: 0 2px;">►NEW</span></b> Gloss white, 180 $\mu$ , 1 year, perforated (1.6mm) monomeric one-way 55/45 ratio with black reverse side semi-permanent adhesive for UV Printers	1371mm x 50M	£439.00
<b>JT5837 P <span style="border: 1px solid red; padding: 0 2px;">►NEW</span></b> Gloss white, 160 $\mu$ , 1 year, perforated (1.5mm) monomeric one-way 70/30 ratio with black reverse side semi-permanent clear adhesive	1371mm x 50M	£439.00

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

# One-Way Vision Perforated Vinyls

## TSOW175

### Perforated one-way vision with 1.8mm holes. 50/50 pattern



Our lowest priced and best selling one-way vision film.

The combination of a bigger hole size and the 50% holes / 50% film pattern makes this suitable for most applications.

The perforated PVC film features a solvent based removable adhesive which can be removed from most substrates within 1 year of application.

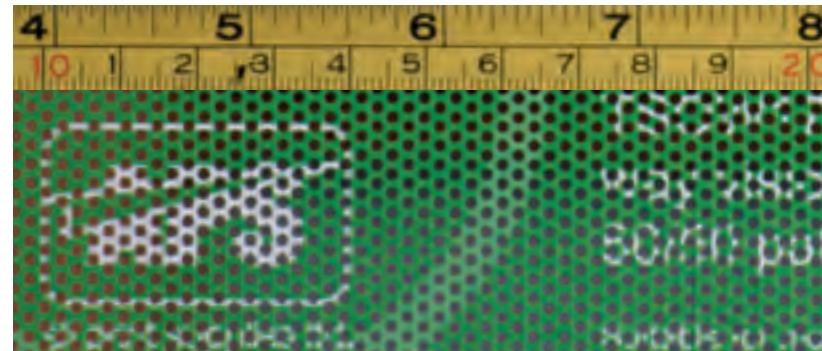
TSOW175 has the largest hole size and the highest adhesion values of the one-way vision products we sell.

We strongly recommend our KleenTear 75 application tape when applying to windows to minimise distortion of the graphic.

Lamination not recommended but if lamination is required we would recommend you use the JAC L9130 cast laminate.

Not suitable for UV printers.

Product	Roll Size	Price per roll
TSOW175	760mm x 50M 1371mm x 50M 1524mm x 50M	£204.30 £362.20 £402.60



## LM50000

### 185μ perforated one-way vision with 1.5mm holes. 50/50 pattern

The 50/50 hole pattern is better suited to longer viewing distances.

LM50000 self-adhesive, which is Contra Vision licensed, perforated PVC film features a medium tack solvent based removable adhesive, which can be removed from most substrates within 1 year of application.

The 1.5mm hole size 50/50 perforation light permeable construction allows 50% of light to pass through the image whilst still ensuring a high quality graphic image.

LM50000 also reduces solar heat gain, which can lead to stress cracks in glazing units.

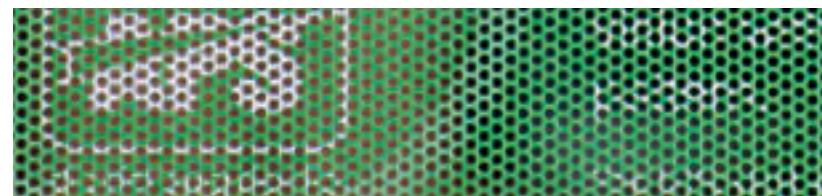
It is also an effective security or safety measure.

We strongly recommend using our KleenTear 75 application tape when fitting to windows to avoid the graphic distorting when being fitted.

Lamination not recommended but if lamination is required we would recommend you use the JAC L9130 cast laminate.

Suitable for UV printers.

LM50000	610mm x 30M 1220mm x 30M 1371mm x 30M	£235.00 £470.00 £526.00



 **LG Hausys**

## One-Way Vision Perforated Vinyls

### LM5300B

#### 185µ perforated one-way vision with 1.5mm holes. 30/70 pattern

The 30/70 hole pattern on LM5300B is more suitable for closer viewing distances.

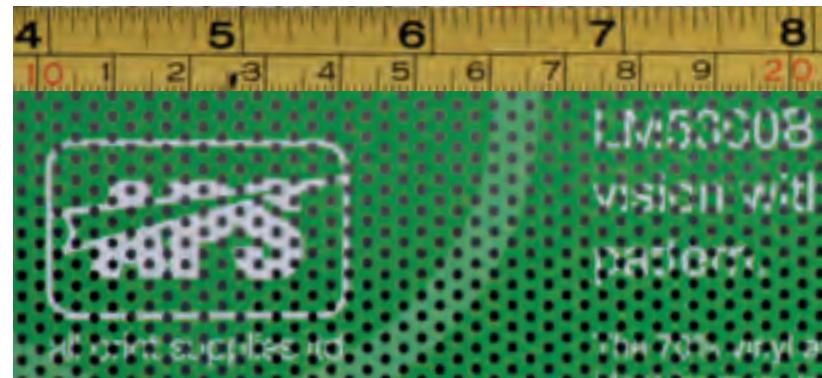
The other comments about LM50000 apply.

30/70 pattern means a 30% hole area with a 70% vinyl area increasing the printable area.

Suitable for UV printers.

Product	Roll Size	Price per roll
LM5300B Gloss white, 185µ, perforated one-way 30/70 1.5mm hole size vision film for closer viewing distances	610mm x 30M 1220mm x 30M	£235.00 £470.00

 **LG Hausys**



## Static Cling Vinyls

**SW150 and SC150**

### White gloss and Clear gloss static self-cling PVC

For internal solvent prints on smooth surfaces such as glass, painted metal etc.

The highly plasticised film will adhere to any smooth surface such as glass or painted metal.

**SW150** gloss white.

**SC150** gloss clear.

The lack of an adhesive means that there will be no adhesive residue when the printed graphic is removed.

SC150 clear is generally printed in reverse. Ensure that the glass or painted surface is cleaned prior to application and that the prints are completely dry to prevent any ink transfer on to the application surface.

SC150 can be backed up with a thin white self-adhesive PVC to add punch to the image.

Wet application is recommended as it will give a better seal to the substrate, eliminating air bubbles.



SW150 gloss white



SC150 gloss clear

Product	Roll Size	Price per roll
<b>SW150</b> Gloss white, 150µ, static self-cling PVC	685mm x 50M 1371mm x 50M	£136.24 £272.48
<b>SC150</b> Gloss clear, 150µ, static self-cling PVC	685mm x 50M 1371mm x 50M	£136.24 £272.48

## Media for Aqueous Inkjet Printing



**A fully profiled range of products which are perfectly suited for the range of water based inkjet printers on the market today. Our range also includes products which work well with the older range of printers including the HP 5000, HP 5500, HP Z6100 and now the new HP Z6200.**

**The following are some of the highlights of our Media for Aqueous Inkjet Printing product range:**

- **USP195:** Our best value and most economical photopaper for HPZ6100, HPZ6200, Epson and Canon printers
- **USP250:** A heavyweight version of USP195
- **UGV5:** A low cost, matt self-adhesive vinyl with grey back for aqueous printing
- **USOP7:** A 190 $\mu$  opaque satin white polypropylene for roll-ups
- **USFP7:** Our highest quality polyester film for roll-ups
- **USFP13:** Our highest quality polyester film for pop-ups
- **UHFB7:** The highest quality backlit film on the market

### Keeping up with the latest in printer technologies

Our in-house application centre is dedicated to helping get the next generation of digital products to market. In addition to HP wide format printers and a Seal laminator, we also have the very latest colour profiling equipment and RIP's to ensure you get the consistency of print you demand and deserve. We have also been working hard on creating high speed colour profiles for these fast printers to allow you to increase your productivity and reduce lead times.

### New for 2011

Recently launched for 2011 is our new USP195 photo paper for aqueous printing. This is a 195gsm photo satin paper for the HP Z6100 and Z6200 printers. Available in 60M rolls, it is our most competitively priced photo paper for these printers.

### Our Roll-up and Pop-up Media ranges

One of the most popular products recently is USOP7. This is a 170 $\mu$  grey backed opaque polypropylene film for roll-ups. For short-term promotional work it does not need lamination. The instant dry coating allows it to be printed on the HP Z6100 printer with our high-speed profile at 13M<sup>2</sup> per hour and still look stunning. Polypropylene is an environmentally responsible alternative solution for banner stands. USOP7 roll-up has the resin identification code 5 so is easier to place in the recycling chain. Another environmental bonus is that it only weighs 130 grammes per M<sup>2</sup>, 25% to 50% of the weight of alternatives so it consumes fewer resources in the manufacturing stage.

Our polyester roll-up and pop-up products are fully compatible with all leading water based inkjet printers:

- **USFP7** is our 185 $\mu$  satin white opaque universal polyester with a grey light-stop for roll-up displays
- **USFP13** is our matched 330 $\mu$  satin white opaque universal polyester with a grey light-stop for pop-up displays

Both these products are unique to us in the UK and we have achieved print speeds of up to 13M<sup>2</sup> per hour without sacrificing quality. We offer various laminates in our **Print Finishing Film section** to provide both protection and stiffness.



### We supply all the products you need, including:

- Papers ..... p70-71 **►NEW**  
 Roll-Up Media ..... p72-73  
 Pop-Up Media ..... p74  
 Backlit Media ..... p75  
 Self-Adhesive Vinyl ..... p76 **►NEW**  
 Self-Adhesive Media ..... p77 **►NEW**  
 Canvas ..... p78 **►NEW**



### Technical advice and support

For technical advice or support on how to get the best out of your printer and our media, call our sales office on 01753 696977 for the Southern Office, or 0844 4488686 for the Northern Office, or email: sales@allprint.co.uk

# Papers

## SP170

### 170gsm photograde satin paper

Still one of our most popular photo papers. For older printers such as the HP5000 and HP5500.

It features a bright white finish with a dry smudge resistant coating that allows it to be handled almost immediately after printing.

The anti-curl back coating ensures flat lying and helps SP170 to be mounted and laminated with with ease.

SP170 is also available in double length rolls to reduce downtime in more productive environments.

The base paper is sourced from certified managed forests.

## UMP9

### 180gsm universal matt paper

Our most competitively priced paper, UMP9 is suitable for any thermal or piezo printers with dye or pigmented inks.

Laminated, it is very difficult to see a significant difference in print quality when compared to more expensive papers.

Drying is instantaneous, it features a high ink limit of 400% and can be laminated almost immediately after printing.

This unique barrier coated paper offers superb resistance to water and cockling and is reverse coated for lay flatness.

Sourced from certified managed forests.

## USP195

### 195gsm universal photograde satin paper



New for 2011 and introduced as a more competitively priced photo paper for the HP Designjet Z series printers.

Excellent print, drying, handling and lamination qualities.

Available in 60M rolls for the HP Designjet Z series printers.

It is suitable for any thermal or piezo printers with dye or pigmented inks.

The base paper is sourced from certified managed forests.

Product	Roll Size	Price per roll
SP170	914mm x 30M	£46.90
	914mm x 60M	£89.10
	1067mm x 30M	£54.70
	1067mm x 60M	£103.90
	1270mm x 30M	£65.10
	1270mm x 60M	£123.70
	1524mm x 30M	£78.20

UMP9	1067mm x 30M	£60.80
	1524mm x 30M	£86.90

USP195 	914mm x 60M	£92.00
	1067mm x 60M	£107.00
	1270mm x 60M	£127.00
	1524mm x 60M	£153.00

## Papers

### USP250 NEW

#### 250gsm universal photograde satin paper

New for 2011 and introduced as a more competitively priced heavy weight photo paper for the HP Designjet Z series printers. A heavier weight version of our USP195 photo paper. Excellent print, drying, handling and lamination qualities.

Available in 60M rolls for the HP Designjet Z series printers.

It is suitable for any thermal or piezo printers with dye or pigmented inks.

The base paper is sourced from certified managed forests.

### USP200

#### 200gsm universal photograde satin paper



Bright whiteness and better scuff resistance than other papers.

Available in both 30M and 60M rolls for the HP Designjet Z series printers.

It is suitable for any thermal or piezo printers with dye or pigmented inks.

USP200 satin is a true instant dry photograde paper.

With the very latest micro-porous coating technology USP200 is one of the most universal products in our portfolio. All this is achieved without sacrificing anything in terms of print quality.

In order to match the performance of these printers our application centre has created high speed colour profiles that enable you to print at speeds of 13M<sup>2</sup> per hour on the HP Z6100 without excessive banding.

The base paper is sourced from certified managed forests.

### UGP200

#### 200gsm universal photograde gloss paper

A gloss version of our best selling satin paper. Improved whiteness and opacity.

It is suitable for any thermal or piezo printer with dye or pigmented inks.

UGP200 is a true instant dry photograde paper.

The base paper is sourced from certified managed forests.

### USP240

#### 240gsm universal photograde satin paper

For those who want a true heavy-weight satin photopaper USP240 is a thicker version of our popular USP200 paper. It is suitable for any thermal or piezo printers with dye or pigmented inks.

USP240 satin is a true instant dry photograde paper.

The base paper is sourced from certified managed forests.

Product	Roll Size	Price per roll
<b>USP250 <span style="background-color: red; color: white; padding: 2px 5px;">NEW</span></b>		
Satin white, 250gsm, universal photograde paper	914mm x 60M 1067mm x 60M 1270mm x 60M 1524mm x 60M	£122.00 £143.00 £170.00 £204.00
Instant dry universal		

<b>USP200</b>	914mm x 30M 914mm x 60M 1067mm x 30M 1067mm x 60M 1270mm x 30M 1270mm x 60M 1524mm x 30M 1524mm x 60M	£60.30 £114.60 £70.40 £133.70 £83.80 £159.20 £100.50 £191.00
Satin white, 200gsm, universal photograde paper	Instant dry universal	

<b>UGP200</b>	914mm x 30M 1067mm x 30M 1270mm x 30M 1524mm x 30M	£60.30 £70.40 £83.80 £100.50
Gloss white, 200gsm, universal photograde paper	Instant dry universal	

<b>USP240</b>	914mm x 30M 1067mm x 30M 1270mm x 30M 1524mm x 30M	£108.60 £126.70 £150.80 £181.00
Satin white, 240gsm, universal photograde paper	Instant dry universal	

# Roll-Up Media



**USOP7** **ECO CHOICE**

## 190 $\mu$ opaque satin white polypropylene with grey light-stop - One part solution for roll-ups that do not require lamination

Grey backed polypropylene film for roll-ups with a universal semi-matt coating for the latest generation of inkjet printers such as the HP Z series.

For short-term promotional work it does not need lamination making this a very fast and economical solution for aqueous printed roll-ups.

USOP7 hangs well with only a small amount of edge curl to the rear. The instant dry coating allows it to be printed on the HP Z6100 printer with our high-speed profile at 13M<sup>2</sup> per hour and still look stunning.

Polypropylene is an environmentally responsible alternative solution for banner stands.

USOP7 roll-up has the resin identification code 5, so is easier to place in the recycling chain. Another environmental bonus is that it only weighs 130 grammes per M<sup>2</sup>, 25% to 50% of the weight of alternatives so it consumes fewer resources in the manufacturing stage.

More detailed usage recommendations are featured on page 114 of this price guide.

## USFP7

### 185 $\mu$ satin white opaque universal polyester with grey light-stop for roll-up displays



Our highest quality film for roll-ups.

Grey backed polyester film with a universal satin coating for the latest generation of inkjet printers such as the HP Z series.

Capable of dealing with lots of ink quickly, this product, combined with our high speed profiles will allow you to dramatically increase your productivity. On the new HP Z6100 a 2M roll-up can be printed at 13M<sup>2</sup> per hour with minimal banding in under 10 minutes.

The textured grey backing prevents slippage in both printing and finishing. This scuff resistant grey backing also prevents fingerprinting.

Thicker base film than our leading competitors ensures it hangs beautifully.

A lot of our customers ship without lamination as the coating is quite robust. A variety of laminates can be used from our Print Finishing Film section to add protection and rigidity, and laminated correctly you will not see any edge curl on this product. The most popular laminates currently used are TV3-60, 80 $\mu$  matt textured PVC film and TV5-70, 125 $\mu$  matt textured PVC film. Any of these combinations will give a durable and vibrant banner stand with minimal edge curl.

More detailed usage recommendations are featured on page 114 of this price guide.

Product	Roll Size	Price per roll
<b>USOP7</b> Semi-matt, 190 $\mu$ , white opaque universal polypropylene with grey light-stop for roll-up displays Instant dry universal	914mm x 5M 914mm x 30M 914mm x 100M 1067mm x 30M 1067mm x 100M 1524mm x 30M	£22.00 £114.00 £323.00 £133.00 £377.00 £190.00

<b>USFP7</b> Satin white, 185 $\mu$ , opaque polyester with grey light-stop for roll-up displays Instant dry universal	914mm x 5M 914mm x 30M 1067mm x 30M 1270mm x 30M	£35.00 £169.90 £198.20 £236.00
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## Roll-Up Media

### FP6

#### 125µ matt white front print polyester for roll-ups

FP6 is a rigid matt, fully opaque and stable high quality polyester with a light stop black back-coat formulated solely for the quick, easy and economical production of roll-up displays on older printers such as the HP5500 and HP5000.

A variety of laminates are available to produce the finished graphic panels in a number of different gauges to give greater or lesser rigidity. The most popular laminates currently used are TV3-60, 80µ matt textured PVC film and TV5-70, 125µ matt textured PVC film. These matched components have been tried and tested and will decrease your production costs, saving you both time and money.

When used correctly with TV3-60, the finished roll-up will hang flat within 15 minutes.

More detailed usage recommendations are featured on page 114 of this price list.

This Pop-up banner has been produced using FP6 to allow a better wrap around result on the curved end panels. FP12 has been used for the centre panels for additional rigidity.

Product	Roll Size	Price per roll
FP6 Matt white, 125µ, opaque polyester with black light-stop for pull and roll-up displays HP & Encad dye	914mm x 5M 914mm x 30M 1067mm x 30M	£38.00 £190.50 £223.50



## Pop-Up Media

### USFP13

#### 330 $\mu$ satin white opaque universal polyester with grey light-stop for pop-up displays



A thicker version of USFP7 for pop-ups.

On the HP Z6100 a 3 x 3 pop-up can be printed at 13M<sup>2</sup> per hour with minimal banding in under 1 hour.

The textured grey backing prevents slippage in both printing and finishing.

This scuff resistant grey backing also prevents fingerprinting and allows for good adhesion of the magnetic tape.

A variety of laminates can be used from our Print Finishing Film section to add protection and rigidity. The most popular laminate currently used is our TV10-30 which is a 250 $\mu$  deep textured clear rigid PVC laminate that adds rigidity, stiffness and durability while maintaining good levels of clarity.

More detailed usage recommendations are featured on page 114 of this price list.

### FP12

#### 300 $\mu$ matt white front print polyester for pop-ups

For the production of pop-ups on older printers such as the HP5500 and HP5000, FP12 is a thicker version of FP6.

300 $\mu$  thick rigid matt polyester film for maximum stability.

The black light stop back coat gives maximum opacity.

A variety of laminates are available to give greater or lesser rigidity.

More detailed usage recommendations are featured on page 114 of this price list.



Product	Roll Size	Price per roll
USFP13 Satin white, 330 $\mu$ , opaque universal polyester with grey light-stop for pop-up displays Instant dry universal	914mm x 5M 914mm x 30M 1067mm x 30M 1270mm x 30M	£50.00 £248.00 £289.30 £344.40

### FP12

Matt white, 300 $\mu$ ,  
front print opaque  
polyester with black  
light-stop for  
pop-up displays  
HP & Encad dye

914mm x 5M	£62.00
914mm x 18M	£190.50
914mm x 36M	£361.50
1067mm x 18M	£223.50

## Backlit Media

### UHFB7

#### 175 $\mu$ high quality universal front print backlit

We believe this to be the highest quality backlit film on the market.

When profiled correctly the final image quality looks as if it has been produced photographically on a Durst Lambda.

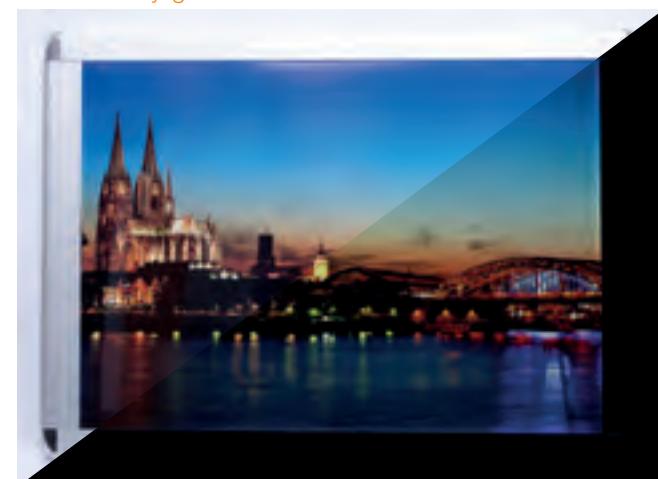
This front print backlit features a 175 $\mu$  polyester film with a satin ink jet coating that works with dye and pigmented inks. With pigmented inks an optical density of >3 can be achieved resulting in deep intense blacks with no show through.

The advanced top coating offers good resistance to both water and fingerprinting but for ultimate protection our DigiGuard laminates can be used, and if you really want to ensure the highest quality image for both day and night advertising we would recommend an ultra clear gloss laminate such as our AG2-30.

UHFB7 is also available up to 1524mm wide unlike Lambda prints.

Product	Roll Size	Price per roll
UHFB7 Satin, 175 $\mu$ , high quality universal front print backlit Instant dry universal	914mm x 5M 914mm x 20M 1067mm x 20M 1270mm x 20M 1524mm x 20M	£34.00 £104.80 £122.30 £145.60 £174.70

Backlit in daylight



Backlit at night

### RF8

#### 200 $\mu$ reverse print backlit polyester film

A reverse print gloss clear polyester for backlit applications with a white translucent inkjet coating for reverse printing that acts as a diffuser for illuminated applications.

Printing in reverse automatically protects the image, eliminating the need for a laminate.

RF8 is for dye inks only so suitable for older printers such as the HP5500 and HP5000.

Product	Roll Size	Price per roll
RF8 Gloss, 200 $\mu$ , reverse print backlit polyester film HP & Encad dye	914mm x 5M 914mm x 20M 1067mm x 20M 1270mm x 20M 1524mm x 20M	£40.00 £130.90 £152.70 £181.80 £218.20

# Self-Adhesive Vinyl

UGV5 

## Universal self-adhesive outdoor matt vinyl with grey permanent adhesive

With a grey opaque adhesive for short to medium term external prints using water based pigmented inks. Featuring a thicker film for easier application on to flat surfaces and a solvent based permanent adhesive. UGV5 should be applied to flat surfaces using a low tack application tape such as KleenTear 50 and at a minimum temperature of 10°C.

Pigmented inks must be used to provide a high degree of water resistance but ink coverage of over 280% can have a detrimental affect on the water fastness of the product and may show some signs of ink bleed in heavily saturated areas. It is important to let the print dry for at least 12 hours prior to application.

A pressure sensitive laminate will help to protect the surface against dirt and abrasion, and will increase the life expectancy of the sign to over 12 months. Overlapping the edges of the sign by at least 6mm with the laminate will extend the outdoor life even further. The recommended laminates are from our DigiGuard range.

UWG5 

## Self-adhesive outdoor gloss vinyl with permanent adhesive

A high gloss version of our popular and long standing UWV5 product.

Prints beautifully and dries quickly on both the HP Z6100 and 6200 printers. Due to the high speed of these printers UWG5 can be used for volume internal or short-term external campaigns that would normally be produced on a solvent type printer.

Product	Roll Size	Price per roll
UGV5 		
Matt white self-adhesive outdoor vinyl grey permanent adhesive	914mm x 30M 1067mm x 30M 1270mm x 30M 1524mm x 30M	£98.00 £115.00 £136.00 £164.00
Instant dry universal		

UWG5 

Gloss white self-adhesive outdoor vinyl clear permanent adhesive

Instant dry universal

1067mm x 5M  
1067mm x 30M  
1524mm x 30M

£46.00  
£230.60  
£329.50



UWV5

## Universal self-adhesive outdoor matt vinyl with permanent adhesive

For short to medium term external prints on most inkjet printers running water based pigmented inks.

The outdoor performance is 4 months unlaminated and 12 months laminated when printed with pigmented inks.

Featuring a thicker film for easier application on to flat surfaces and a solvent based permanent adhesive. UWV5 now has 6 years of field experience behind it.

UWV5 should be applied to flat surfaces using a low tack application tape such as KleenTear 50 and at a minimum temperature of 10°C.

Pigmented inks must be used to provide a high degree of water resistance but ink coverage of over 280% can have a detrimental affect on the water fastness of the product and may show some signs of ink bleed in heavily saturated areas. It is important to let the print dry for at least 12 hours prior to application.

A pressure sensitive laminate will help to protect the surface against dirt and abrasion, and will increase the life expectancy of the sign to over 12 months. Overlapping the edges of the sign by at least 6mm with the laminate will extend the outdoor life even further. The recommended laminates are from our DigiGuard range.

Fire rated - ISO3795: 1989.

UWV5  
Matt white self-adhesive outdoor vinyl clear permanent adhesive

Instant dry universal

610mm x 30M  
914mm x 30M  
1067mm x 30M  
1270mm x 30M  
1524mm x 30M

£131.80  
£197.70  
£230.60  
£274.60  
£329.50

## Self-Adhesive Media

### RS150

#### Self-adhesive reverse print window / backlit film

A one-part solution for stunning window graphics and light boxes.

Excellent for light boxes where interchangeable graphics can be applied by the end user.

Features a white translucent inkjet coating on the polyester film for reverse printing that is tough but not highly water resistant. The adhesive is a unique low tack repositionable one that is formulated specifically for window applications. An absolute beginner can apply RS150 without leaving any air bubbles. The graphic can be removed and reapplied time and time again without leaving adhesive residue.

Unlike some reverse print films, the printed image on RS150 looks similar when viewed from either side of the film. Designed primarily for internal applications, RS150 can be laminated to protect the printed image.

The unprinted material is more susceptible to humidity changes than our other products.

To minimise waste, it is vital to remove the roll from the packaging just prior to printing and then to replace the roll in the packaging immediately after printing. The roll should be pulled tight and securely taped before repacking. This will reduce the risk of the release liner tunnelling.

Compatible across a wide platform of thermal devices printing with dye inks.

### UWP4 NEW

#### Self-adhesive outdoor matt polypropylene

A non PVC solution for internal and short-term external campaigns. The matt polypropylene prints well on both the HP Z6100 and Z6200. The coating has good scuff and water resistance and will last up to 1 month outdoors without lamination. With lamination it should be OK outdoors for 6 months.

This product is PVC, Chlorine and Phthalate free so has very strong environmental credentials. The adhesive is also solvent free. It is stable in printing so with printers with a take up roller such as the HP Z6100 unattended overnight printing is an option.

### USA170

#### Self-adhesive universal photograde satin paper

A quick and economic way to produce an adhesive backed print.

Features a strong permanent acrylic adhesive suitable for bonding to a wide variety of board substrates.

If you produce any paper prints that do not have to be laminated, then save yourself a pass through your laminator, and use USA170. The cost of USA170 is competitive at around £5 for an A0 print. This compares favourably against purchasing the paper and mounting film separately, whilst having the added bonus of saving time through the laminator and reducing the possibility of waste in finishing. For unlaminated prints mounted on board, simply mount the finished USA170 prints straight to board. USA170 features a dry and smudge resistant coating that allows it to be handled almost immediately after printing, eliminating the need for a laminate for some applications. The base paper is sourced from certified managed forests.

Product	Roll Size	Price per roll
RS150 Self-adhesive reverse print window / backlit film Instant dry	914mm x 20M 1067mm x 20M 1270mm x 20M	£126.70 £147.80 £176.00

### UWP4 NEW

#### Matt white self-adhesive outdoor PP

1067mm x 5M  
1067mm x 30M  
1524mm x 30M

£40.00

£196.40

£280.60

### USA170

#### Satin white self-adhesive universal photograde paper

914mm x 30M  
1067mm x 30M  
1270mm x 30M  
1524mm x 30M

£162.20

£189.20

£225.30

£270.30

## Canvas

UMC17 NEW

### 350gsm universal bright white matt artist canvas

Our lowest cost canvas with a bright white surface and a natural brown backing to improve opacity. 80/20 cotton/polyester blend helps to prevent sagging in the finished frame.

Also available up to 1524mm wide.

Product	Roll Size	Price per roll
UMC17 <span style="background-color: red; color: white; padding: 2px 5px;">NEW</span> Bright white matt, 350gsm artist canvas Instant dry universal	914mm x 5M 914mm x 12M 1524mm x 12M	£42.00 £83.00 £138.30

USC19

### 350gsm universal instant dry satin artist canvas



A satin finished version.

This cotton based true artist canvas dries instantly and also offers good water and scratch resistance.

The satin finish helps to maintain vibrancy, adding life to the print.

USC19

Satin white, 350gsm,  
artist canvas  
Instant dry universal

914mm x 12M 1270mm x 12M	£188.10 £261.30
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UMC19

### 350gsm universal instant dry matt artist canvas

A matt finished, cotton based true artist canvas that dries instantly and offers good water and scratch resistance.

Primarily designed for internal applications, when printed with pigmented inks UMC19 becomes water fast and fade resistant.

UMC19

Matt white, 350gsm,  
artist canvas  
Instant dry universal

914mm x 12M 1270mm x 12M	£159.20 £221.10
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## Print Finishing Films



We have extended our popular “buy the metre” policy to our range of print finishing products - so now you can buy just what you need for a specific job. This does not include the DM range of self wound mount films for practical reasons!

Designed for the fast and efficient finishing of digital prints. As well as the **DigiGuard laminates** and **DigiMount mounting films** we have sold for years, we can now offer the extensive range of **Mactac PERMACOLOR laminates** and **mounts**. Nearly all these products can be purchased ‘buy the metre’ allowing you to buy only what you need for specific jobs, especially important for the higher value and specialised laminates.



### New products in the Print Finishing Films range include:

- **DIGI GUARD AG2-20** - Our lowest cost polypropylene based anti graffiti film. The 50µ film makes it easier to handle than most of the competition
- **DIGI GUARD TV10-30** - A 250µ scuff resistant deep textured PVC film. Our best laminate for pop up graphics yet!
- **ENDURO GUARD™ ULTRA** - A gloss range of laminates for use in the toughest environments such as motocross graphics

### Technical advice and support

For technical advice or support on how to get the best out of your laminator and our media, call our sales office on 01753 696977 for the Southern Office, or 0844 4488686 for the Northern Office, or email [sales@allprint.co.uk](mailto:sales@allprint.co.uk)

### DigiGuard Laminates

The DigiGuard laminating films are available in different finishes, thicknesses and roll sizes to satisfy all your requirements. The best-seller is **TV3-60** textured matt PVC which gives excellent scuff and scratch resistance without killing the image.

Other laminates include a range of speciality laminates to add something different to your images. These include a canvas, a linen, a leather and a sparkle film. The price of our floor laminate, **FV8-85**, has been reduced significantly by the manufacturer to help grow that part of the market and we have also introduced a lower cost floor graphic laminate **FV4-65**.

We have recently added in a number of heavy duty laminates for different applications. The **ENDURO GUARD™ ULTRA** gloss range of laminates are between 250µ and 375µ thick and offer protection under the toughest of regimes such as motocross graphics. **TV10-30** is our 250µ deep textured clear rigid PVC laminate that has been designed to add rigidity, stiffness and durability to your pop-ups without dulling down the image.

### DigiGuard Anti-Graffiti Laminates

We now have two anti-graffiti films in the range. **AG2-30** is a 50µ top of the range coated polyester film with a 3 year outdoor life. More recently launched is a lower cost 50µ polypropylene version called **AG2-20** that will last one year outdoors and will suit most pockets.

### DigiMount Mounting and Backing Films

Our DigiMount mounting products are available in internal, external and optically clear grades and we have now formally introduced two self-adhesive white backers to the range.

Our in-house application centre features a Seal laminator to ensure that all the products are thoroughly researched before release.

### We supply all the products you need to finish your prints professionally, including:

DigiGuard Standard Laminates .....	p80
MACtac Permagard Laminates .....	p81 <span style="color:red">►NEW</span>
MACtac Large Format Laminates .....	p82-83 <span style="color:red">►NEW</span>
MACtac Cast Laminates .....	p84 <span style="color:red">►NEW</span>
DigiGuard Speciality Laminates .....	p85
DigiGuard Anti-Graffiti Laminates .....	p86 <span style="color:red">►NEW</span>
ENDURO GUARD™ Laminates for Extreme Applications .....	p87 <span style="color:red">►NEW</span>
DigiGuard Floor Graphic Laminates .....	p88 <span style="color:red">►NEW</span>
MACtac Floor Graphic Laminates .....	p89
DigiGuard Pop-Up and Roll-Up Laminates .....	p90 <span style="color:red">►NEW</span>
DigiMount Mounting Films .....	p91-92
MACtac Permaprint Mounting Films .....	p93
DigiMount Backing Films .....	p94



All materials in our print finishing range are now available by the metre

# DigiGuard Standard Laminates

## DigiGuard Standard

### 80µ PVC 3 year laminate in ultra gloss, semi-matt and matt textured

Available in satin, textured matt scratch resist and high clarity ultra gloss.

A 3 year outdoor life PVC pressure sensitive laminating film designed to shield digital prints against the effects of UV and mechanical wear and tear.

Will successfully block out 60% of UVa light, significantly extending the colourfastness of the finished print.

The 80µ PVC face films are colour neutral so will not significantly alter the shades of the print being laminated.

The adhesive is a high coat weight photograde clear solvent acrylic that will flow almost immediately with virtually no silvering and will even bond successfully to prints with heavily inked areas.

Most manufacturers recommend that inkjet prints should generally be left between 4 and 24 hours, dependent on the product and the atmospheric conditions, before being laminated.

**SV3-60** is a semi-matt 80µ PVC 3 year laminate for internal and external use.

**TV3-60** is a matt textured scratch resistant 80µ PVC 3 year laminate for internal and external use.

**GV3-60** is an ultra gloss 80µ PVC 3 year laminate for internal and external use.



Product	Roll Size	Price per roll
<b>SV3-60</b> Semi-matt, 80µ, PVC 3 year laminate Internal & external	740mm x 50M 1040mm x 50M 1040mm x 100M 1300mm x 50M 1300mm x 100M 1350mm x 50M 1350mm x 100M 1560mm x 50M 1560mm x 100M	£89.80 £115.80 £210.90 £144.70 £263.60 £157.30 £285.60 £173.60 £316.30
<b>TV3-60</b> Matt textured, 80µ, PVC scratch resistant 3 year laminate Internal & external	740mm x 50M 880mm x 50M 880mm x 100M 1040mm x 50M 1040mm x 100M 1300mm x 50M 1300mm x 100M 1350mm x 50M 1350mm x 100M 1560mm x 50M 1560mm x 100M	£89.80 £101.00 £184.00 £115.80 £210.90 £144.70 £263.60 £157.30 £285.60 £173.60 £316.30
<b>GV3-60</b> Ultra gloss, 80µ, PVC 3 year laminate Internal & external	740mm x 50M 1040mm x 50M 1040mm x 100M 1300mm x 50M 1300mm x 100M 1350mm x 50M 1350mm x 100M 1560mm x 50M 1560mm x 100M	£89.80 £115.80 £210.90 £144.70 £263.60 £157.30 £285.60 £173.60 £316.30

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

DigiGUARD

## MACtac Permagard Laminates

### Permagard PG7400 Series ►NEW

#### 80µ polypropylene 2 year laminates



New from Mactac for 2011 is a range of non PVC laminates that still offer 2 years of outdoor protection. Available in 3 different finishes all these products are PVC, Chlorine and phthalate free making these the most eco friendly laminates in our range.

**PG7494** is an 80µ satin clear polypropylene laminate.  
**PG7498** is an 80µ matt clear polypropylene laminate.  
**PG7499** is an 80µ gloss clear polypropylene laminate.

Product	Roll Size	Price per roll
<b>PG7494</b> <span style="background-color: red; color: white; padding: 2px 5px;">►NEW</span> Satin clear, 80µ, PP 2 year laminate Internal & external	1370mm x 100M	£311.00
<b>PG7498</b> <span style="background-color: red; color: white; padding: 2px 5px;">►NEW</span> Matt clear, 80µ, PP 2 year laminate Internal & external	1370mm x 100M	£311.00
<b>PG7499</b> <span style="background-color: red; color: white; padding: 2px 5px;">►NEW</span> Gloss clear, 80µ, PP 2 year laminate Internal & external	1370mm x 100M	£311.00



### Permagard PG7034

#### 30µ gloss clear PP film for dry-wipe

MACtac **PG7034** is a 30µ gloss clear polypropylene film that can be used as dry-wipe film with appropriate marker pens, or as a short-term and low cost anti-graffiti film.

It is designed for internal use only.

<b>PG7034</b> Gloss clear, 30µ, PP film Can use as a dry-wipe film with appropriate marker pens Internal	1040mm x 100M 1300mm x 100M 1530mm x 100M	£362.10 £452.60 £532.70
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### Permagard PG7036

#### 36µ gloss clear PET anti-graffiti 3 year laminate

MACtac **PG7036** is a 36µ gloss clear polyester high quality anti-graffiti film with an outdoor life of up to 3 years.

It can be used as dry-wipe film with appropriate marker pens.

<b>PG7036</b> Gloss clear, 30µ, PET anti-graffiti 3 year laminate Internal & external	1040mm x 100M 1300mm x 100M 1370mm x 100M 1530mm x 100M	£415.30 £519.20 £547.00 £611.00
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### Permagard PG7285 ►2 METRES WIDE

#### 70µ matt clear PVC 4 year laminate

MACtac **PG7285** is a 70µ matt clear PVC with an outdoor life that is now up to 4 years.

This laminate has been a huge seller for MACtac for many years.

<b>PG7285</b> Matt clear, 70µ, PVC 4 year laminate Internal & external	1040mm x 100M 1300mm x 100M 1370mm x 100M 1530mm x 100M 2000mm x 50M	£379.90 £475.10 £500.90 £559.60 £449.80
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►2 METRES WIDE



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

# MACtac Large Format Laminates

## Printcover Series

### 70µ PVC 2 year laminate



MACtac Printcover laminates are their most economical. 70µ films with a 2 year outdoor life.

**Printcover 898** is a 70µ matt clear PVC laminate.

**Printcover 899** is a 70µ gloss clear PVC laminate.

#### Printcover 898

Matt clear, 70µ, PVC  
2 year laminate  
Internal & external

1040mm x 100M  
1370mm x 100M  
1620mm x 100M

£188.20  
£248.00  
£293.30

#### Printcover 899

Gloss clear, 70µ, PVC  
2 year laminate  
Internal & external

1040mm x 100M  
1370mm x 100M  
1620mm x 100M

£188.20  
£248.00  
£293.30



## LF3800 Series

### 80µ PVC 3 year laminate



Available in satin, matt and gloss.

MACtac LF 3800 series laminates now have a 3 year outdoor life.

**LF3894** is a 80µ semi-matt clear PVC 3 year laminate.

**LF3898** is a 80µ matt clear PVC 3 year laminate.

**LF3899** is a 80µ gloss clear PVC 3 year laminate.

#### LF3894

Semi-matt clear, 80µ,  
PVC, 3 year laminate  
Internal & external

1040mm x 100M  
1370mm x 100M  
1530mm x 100M

£302.90  
£398.80  
£445.40

#### LF3898

Matt clear, 80µ,  
PVC, 3 year laminate  
Internal & external

1040mm x 100M  
1300mm x 100M  
1370mm x 100M  
1530mm x 100M

£297.30  
£372.00  
£391.70  
£437.80

#### LF3899

Gloss clear, 80µ,  
PVC, 3 year laminate  
Internal & external

1040mm x 100M  
1300mm x 100M  
1370mm x 100M  
1530mm x 100M

£290.20  
£362.60  
£381.80  
£426.80



## MACtac Large Format Laminates

### LF3900 Series

#### 80 $\mu$ PVC 5 year laminate



Available in matt and gloss.

MACtac LF 3900 series laminates feature a polymeric face film and have a 5 year outdoor life.

Primarily for medium term external graphics.

**LF3998** is a 80 $\mu$  matt clear polymeric PVC 5 year laminate.

**LF3999** is a 80 $\mu$  gloss clear polymeric PVC 5 year laminate.

Product	Roll Size	Price per roll
<b>LF3998</b> Matt clear, 80 $\mu$ , polymeric PVC, 5 year laminate Internal & external	1040mm x 50M 1370mm x 50M 1530mm x 50M	£245.20 £323.10 £360.90
<b>LF3999</b> Gloss clear, 80 $\mu$ , polymeric PVC, 5 year laminate Internal & external	1040mm x 50M 1370mm x 50M 1530mm x 50M	£260.00 £342.40 £382.40



### PERMAfun NEW

#### 60 $\mu$ glistening gloss clear cast PVC 5 year laminate



**PERMAfun** NEW is a 60 $\mu$  glistening gloss clear cast PVC 5 year laminate that adds real sparkle to your prints.

<b>PERMAfun</b> <span style="color: red;">NEW</span> Glistening gloss clear, 60 $\mu$ , cast PVC, 5 year laminate Internal & external	1370mm x 25M	£412.00
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**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

# MACtac Cast Laminates

LUV3399 NEW

## 30μ ultra gloss clear conformable cast PVC 4 year laminate for UV prints

LUV3399 is a 30μ ultra gloss clear conformable cast PVC 4 year laminate designed primarily for car wrapping. The LUV adhesive has been specifically designed by MACtac to laminate digital UV prints. The high tack adhesive also works well with eco-solvent and latex inks.



LF3398

## 30μ matt clear conformable cast PVC 5 year laminate

LF3398 is a 30μ matt clear conformable cast PVC 5 year laminate designed primarily for car wrapping.

Product	Roll Size	Price per roll
LUV3399 <span style="border: 1px solid red; padding: 0 2px;">NEW</span> Ultra gloss clear, 30μ, conformable cast PVC, 4 year laminate Internal & external	1370mm x 50M	£725.80



**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

LF3398

Matt clear, 30μ, conformable cast PVC, 5 year laminate  
Internal & external

1370mm x 50M	£725.80
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## DigiGuard Speciality Laminates

### DigiGuard

#### 80μ speciality embossed PVC 3 year laminate in canvas, linen and leather textures



Available in 3 distinctive emboss patterns consisting of canvas, linen and leather effect.

These films offer excellent scratch resistance and make the finished graphic more interesting to view and more tactile.

Will successfully block out 60% of UVa light significantly extending the life of the finished print.

The adhesive is a high coat weight solvent acrylic that will flow out with virtually no silvering.

**CV3-60** is a canvas embossed 80μ PVC 3 year laminate.

**LN3-60** is a linen embossed 80μ PVC 3 year laminate.

**LR3-60** is a leather embossed 80μ PVC 3 year laminate.

Product	Roll Size	Price per roll
<b>CV3-60</b> Canvas embossed, 80μ, PVC 3 year laminate Internal & external	1300mm x 50M	£232.50
<b>LN3-60</b> Linen embossed, 80μ, PVC 3 year laminate Internal & external	1300mm x 50M	£232.50
<b>LR3-60</b> Leather embossed, 80μ, PVC 3 year laminate Internal & external	1300mm x 50M	£232.50

**DigiGUARD**

### DigiGuard SP2-25

#### 36μ speciality holographic polyester laminate in gloss sparkle finish

This sparkle effect clear gloss PET laminate adds sparkle to your prints helping to make them stand out from the crowd.

The combination of high gloss polyester face film and a high coat weight solvent acrylic adhesive will block out 25% of UVa light.

SP2-25 sparkle gloss holographic is a 36μ PET laminate for internal use.

<b>SP2-25</b> Sparkle gloss, 36μ, holographic PET laminate Internal	1270mm x 50M	£299.00
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**DigiGUARD**

# DigiGuard Anti-Graffiti Laminates

## DigiGuard AG2-20 NEW

### 50µ gloss clear polypropylene anti-graffiti 1 year laminate

A thicker 50µ polypropylene film than most of the competition makes this easier to handle.

AG2-20 is our lowest cost anti-graffiti film and will help to protect your prints from damage by graffiti for up to 1 year outdoors.

It features a clear 50µ polypropylene film that is resistant to most common cleaning solvents.

AG2-20 is only suitable for flat sided applications on to printed materials, it is not suitable for protecting vinyl cut lettering.

It can be used as a low cost dry-wipe laminate but inks may stain the surface, especially if repeatedly cleaned. For critical dry-wipe applications we would recommend our DC-50 clear wipe-board film found in the *Vinyls for Signmaking: Anti-Graffiti, Blackboard and Wipe-Board Films* (page 23) of this price guide.

## DigiGuard AG2-30

### 50µ gloss clear polyester anti-graffiti 3 year laminate

A thicker 50µ polyester film than most of the competition makes this easier to handle, and combined with an improvement to the adhesive makes AG2-30 look even glossier.

AG2-30 helps to protect your prints from damage by graffiti. It features an optically clear 50µ polyester film that is highly resistant to common cleaning solvents such as acetone, methanol, ammonium etc.

AG2-30 is only suitable for flat sided applications on to printed materials, it is not suitable for protecting vinyl cut lettering.

AG2-30 works particularly well as a laminate to UV prints.

Product	Roll Size	Price per roll
AG2-20 <span style="color: red;">NEW</span> Gloss clear, 50µ, PP anti-graffiti 1 year laminate Internal & external	1370mm x 50M 1550mm x 50M	£152.10 £172.10

**DigiGUARD**

AG2-30 Gloss clear, 50µ, PET anti-graffiti 3 year laminate Internal & external	1380mm x 50M 1520mm x 50M	£294.30 £324.50
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**DigiGUARD**



## ENDURO GUARD™ Laminates for Extreme Applications

### ENDURO GUARD™ ULTRA ►NEW

#### Gloss thick PVC 3 year laminates in 250µ and 375µ

For extreme applications such as Dirt Bike graphics. The ENDURO GUARD™ range of laminates come in two different thicknesses that offer different levels of protection to Dirt Bikes. These will help you to produce glossier, tougher and thicker graphics more easily.



#### GV10-70 ENDURO GUARD INTERMEDIATE™

This is a 250µ / 10mil ultra gloss durable protective laminate that gives a wet look finish to printed decals. It is the softest and easiest of the laminates to work with.



#### GV15-80 ENDURO GUARD SEMI-PRO™

This is a 375µ / 15mil ultra gloss durable protective laminate that gives a wet look finish to printed decals. Being slightly thicker and more rigid it is a little trickier to work over complex curves but offers more protection than the INTERMEDIATE grade.

Product	Roll Size	Price per roll
GV10-70 <span style="background-color: red; color: white; padding: 2px 5px;">►NEW</span> ENDURO GUARD INTERMEDIATE™ ULTRA Gloss, 250µ, PVC 3 year laminate	1370mm x 45M	£377.40
GV15-80 <span style="background-color: red; color: white; padding: 2px 5px;">►NEW</span> ENDURO GUARD SEMI-PRO™ ULTRA Gloss, 375µ, PVC 3 year laminate	1370mm x 35M	£377.40

# DigiGuard Floor Graphic Laminates



## DigiGuard Floortex FV4-65 NEW

100μ laminating PVC film for floor graphics

- Rated to DIN 51130 anti-slip group R9 and has a service life of around 3 months

New lower cost floor laminate for the protection of floor graphics.

FV4-65 has an R9 rating for slip resistance.

100μ textured PVC face film. FV4-65 is suitable for both internal and short term external applications and has a service life of around 3 months dependent on traffic.

Fire rated to ISO 3795: 1989.

Available up to 1550mm wide.

Product	Roll Size	Price per roll
Floortex <span style="background-color: red; color: white; padding: 2px 5px;">NEW</span> FV4-65 Matt textured, 100μ, laminating PVC film for floor graphics to DIN 51130 anti-slip group R9 Internal & short term external	1040mm x 50M 1550mm x 50M	£158.00 £236.00

**DigiGUARD**



## DigiGuard Floortex FV8-85

200μ laminating PVC film for floor graphics

- Rated to DIN 51130 anti-slip group R10 and has a service life of around 6 months



Primarily for the protection of floor graphics and reduced in price for 2011.

FV8-85 has an R10 rating for slip resistance meaning it can be used in all public places including stairwells and the like. A copy of the test certificate is available on request.

The construction of FV8-85 gives it a high degree of UV blocking at 85%, helping to shield digital prints against the effects of UV as well as mechanical wear and tear.

The 200μ textured PVC face film is colour neutral so will not significantly alter the shades of the print being laminated.

FV8-85 is suitable for both internal and short-term external applications and has a service life of around 6 months, dependent on the amount of traffic involved.

The high coat weight adhesive will bond successfully to prints with heavily inked areas.

Our legal liability for accidental bodily injury or damage to the property of third parties in the course of the business including products supplied is limited to £2M in any one incident. A copy of our Public / Products Liability Certificate is available on request.

Fire rated to ISO 3795: 1989.

Floortex FV8-85 Matt textured, 200μ, laminating PVC film for floor graphics to DIN 51130 anti-slip group R10 Internal & short term external	1300mm x 50M	£305.80
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**DigiGUARD**

**Buy The Metre:** Non-standard roll lengths are surcharged at 33%

## MACtac Floor Graphic Laminates

### MACtac Streetrap Protect

#### 125µ matt textured clear to protect Streetrap graphics

- Approved ASTM Friction Test D-2047-93 for slip resistance



Primarily for the protection of floor graphics.

MACtac Streetrap Protect is a 125µ matt clear designed to protect Streetrap graphics.

Approved ASTM Friction Test D-2047-93 for slip resistance.

The sandy structure both enhances the print and help with slip resistance.

Outdoor life is 3 months.

### MACtac PF6400

#### 125µ matt grain textured PP

- Approved by ASTM Friction Test for slip resistance for 1 month internal



Primarily for the protection of floor graphics.

MACtac PF6400 is a 125µ grain textured PP film which is approved ASTM Friction Test for slip resistance for 1 month internal.

### MACtac PF6300

#### 125µ matt grain textured PVC

- Approved by ASTM Friction Test for slip resistance for 6 months internal

Primarily for the protection of floor graphics.

MACtac PF6300 is a 125µ grain textured PVC film which is approved ASTM Friction Test for slip resistance for 6 months internal.

Product	Roll Size	Price per roll
<b>Streetrap Protect</b> Matt textured clear, 125µ, to protect Streetrap graphics  Approved ASTM Friction Test D-2047-93 for slip resistance  3 month external life	1371mm x 25M	£196.90



<b>PF6400</b> Matt grain textured, 125µ, PP  Approved ASTM Friction Test for slip resistance for 1 month internal	1040mm x 50M 1370mm x 50M	£151.50 £199.60
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<b>PF6300</b> Matt grain textured, 125µ, PVC  Approved ASTM Friction Test for slip resistance for 6 months internal	1040mm x 50M 1370mm x 50M	£303.00 £399.20
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## DigiGuard Pop-up and Roll-up Laminates

### DigiGuard TV10-30

#### 250µ deep textured clear PVC laminate for pop-ups

Our best laminate yet for pop-ups.

Now up to 1245mm wide.

Features a 250µ scuff resistant deep textured PVC face film that is still shade neutral so will not turn your graphics yellow or blue.

TV10-30 also features a high tack solvent based acrylic adhesive to help secure the bond to the printed pop-up base material.

TV10-30 is the natural successor to our older SR10 product for pop-ups.

### DigiGuard TV5-70

#### 125µ matt textured PVC 3 year scratch resistant laminate

To give your graphics increased scratch resistance and rigidity for applications such as pop-ups and roll-ups.

A thicker than normal 125µ, 3 year outdoor life PVC pressure sensitive laminating film that will successfully block out 70% of UVa light. This will significantly extend the colourfastness of the finished print.

The 125µ matt textured PVC face film is colour neutral so will not significantly alter the shades of the print being laminated. The adhesive is a high coat weight photograde clear solvent acrylic that will flow almost immediately with virtually no silvering and will even bond successfully to prints with heavily inked areas.

Product	Roll Size	Price per roll
TV10-30 	880mm x 30M 880mm x 50M 1245mm x 50M	£122.40 £204.00 £288.60
		

TV5-70	880mm x 100M 1245mm x 50M	£241.50 £170.90
	Internal & external	

## DigiMount Mounting Films

### DigiMount Three

#### Budget self-wound internal mount film

For the internal mounting of prints on to substrates including foam PVC, ali composite material and MDF.

Double-sided adhesive with a clear 12 $\mu$  polyester carrier on a single glassine release liner. The permanent adhesives are clear acrylics.

Primarily designed for internal applications and only available in 100M rolls.

The adhesive is not clear enough for window applications where we would recommend our FilmMount Two optically clear mount film.

### DigiMount Four

#### Removable self-wound permanent / removable internal / external mount film

For prints that may have to be removed.

Double-sided adhesive with a clear 12 $\mu$  polyester carrier on a moisture stable two sided PE coated release liner. Both adhesives are clear acrylics.

The removable adhesive is designed to be removed from most substrates such as glass, painted metal etc. for up to one year after application.

The product is supplied self-wound with the exposed adhesive being the permanent one, and is only available in full 50M rolls.

For window applications we would recommend our FilmMount Two.

Product	Roll Size	Price per roll
DM3 Budget self-wound internal mount film	1040mm x 100M 1300mm x 100M 1540mm x 100M	£167.30 £209.10 £247.70
		DigiMOUNT

DM4 Removable self-wound permanent / removable internal / external mount film	1040mm x 50M 1300mm x 50M	£149.40 £186.70
		DigiMOUNT

# DigiMount Mounting Films

## DigiMount Five

### External premium self-wound mount film

For indoors and outdoors.

Very stable in mounting and with an external adhesive. Double-sided adhesive with a clear 12µ polyester carrier on a single sided, highly moisture stable PE coated release liner.

For the mounting of both external and internal inkjet prints on to a wide variety of substrates including foam PVC and MDF.

The permanent adhesives are both clear acrylics.

Only available in full 100M rolls.

For window type applications we would recommend our FilmMount Two.

## FilmMount Two

### Optically clear mount film

FM2 optically clear mount film is for the mounting of inkjet prints on to a wide variety of substrates where adhesive clarity is paramount.

Optically clear double-sided adhesive with a clear polyester carrier on two polyester film release liners for maximum clarity.

The permanent adhesives are both photograde clear solvent acrylics.

FM2 is designed for premium applications.

Typically FM2 is used with inkjet media such as backlit films where image clarity needs to be preserved when the product is made self-adhesive.

Product	Roll Size	Price per roll
DM5 Premium external self-wound mount film	1040mm x 100M 1300mm x 100M 1540mm x 100M	£194.90 £243.00 £287.90

DigiMOUNT

FM2 Permanent optically clear mount film with twin liners	1370mm x 25M 1370mm x 50M 1520mm x 50M	£241.50 £449.70 £498.90
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DigiMOUNT

## MACtac Permaprint Mounting Films

### PP2011 Permaprint

#### 5 year external double sided self-wound mount film for internal and external



**PP2011 Permaprint** is a 5 year external double sided self-wound mount film with a medium tack solvent acrylic adhesive has been a trouble free seller for years.

12µ polyester carrier.

Life cycle 10 years indoors or 5 years external.

Product	Roll Size	Price per roll
PP2011 Permaprint 10 year internal, 5 year external, double sided self-wound mount film with solvent acrylic adhesive  Internal & external	1040mm x 100M 1300mm x 100M 1370mm x 100M 1530mm x 100M	£393.90 £492.70 £519.00 £579.50



### PP2013 Permaprint

#### Internal double sided self-wound mount film for internal use on difficult surfaces

**PP2013 Permaprint** is a double sided self-wound mount film with a rubber based adhesive recommended for internal use only.

PP2013 has a higher tack adhesive than PP2011 which works well on more difficult surfaces.

Life cycle 5 years indoors or up to a maximum of 2 years external.

PP2013 Permaprint 5 year internal, 2 year max. external, double sided self-wound mount film with solvent acrylic adhesive  Internal & external	1040mm x 100M 1300mm x 100M 1370mm x 100M 1530mm x 100M	£284.20 £355.50 £374.70 £418.10
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### PP2018 Permaprint

#### Internal double sided self-wound mount film for internal use only



**PP2018 Permaprint** is a double sided self-wound mount film with an emulsion acrylic adhesive for internal work.

Life cycle 2 years indoors.

PP2018 Permaprint 2 year internal, double sided self-wound mount film with emulsion acrylic adhesive  Internal general purpose	1040mm x 100M 1300mm x 100M 1370mm x 100M 1530mm x 100M	£186.60 £233.20 £245.80 £274.40
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## DigiMount Backing Films

### XP250

#### Opaque matt white PVC pressure sensitive backing film

For stiffening and adding opacity to display graphics.

The 250 $\mu$  rigid opaque white PVC backer has a solvent based acrylic adhesive and a polyester release liner.

The opacity of the product is 99.5%.

### XP350

#### Opaque matt white PVC pressure sensitive backing film

For stiffening and adding opacity to display graphics.

XP350 is a thicker version of XP250.

The 350 $\mu$  rigid opaque white PVC backer has a solvent based acrylic adhesive and a polyester release liner.

The thicker base makes it slightly more rigid and opaque than XP250 with an opacity level of 99.9%.

Product	Roll Size	Price per roll
XP250 Opaque matt white, 250 $\mu$ , PVC 99.5% opacity pressure sensitive backing film PET liner	880mm x 50M 1040mm x 50M 1300mm x 50M	£229.50 £238.70 £299.60
		<b>DigiMOUNT</b>

XP350 Opaque matt white, 350 $\mu$ , PVC 99.9% opacity pressure sensitive backing film PET liner	880mm x 50M 1040mm x 50M 1300mm x 50M	£265.40 £275.60 £343.80
		<b>DigiMOUNT</b>

## Ancillary Products



### A range of products designed to make life a little easier for you.

From the **RAPIDTAC** range of signmaking fluids there is **RAPIDREMOVER** for removing old adhesive, **RAPIDPREP** for cleaning and degreasing surfaces and **RAPIDTAC** for helping in wet application.

Also available is **RAPIDCLEAR** sheet and glass polish which is the perfect end to a job well done and will make your work look its best.

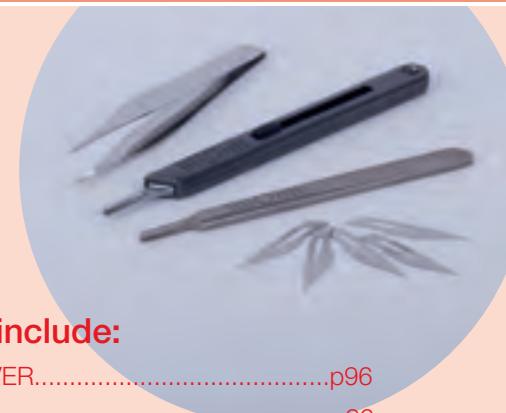
We stock a small range of banner stands for quick and easy retractable displays. On the **Altona Two range** we have reverted back to 3 part bungee poles as the older telescopic poles were too easy to break.

### Supplying all the tools you need

We have a variety of applicators, blades, safety rulers etc. to help you do the job quicker and easier. We have also added in some double-sided tapes to our range.

### Technical advice and support

For technical advice or support on how to get the best out of our ancillary products, call our sales office on 01753 696977 for the Southern Office, or 0844 4488686 for the Northern Office, or email: [sales@allprint.co.uk](mailto:sales@allprint.co.uk)



### Products include:

<b>RAPIDREMOVER</b> .....	p96
<b>RAPIDPREP</b> .....	p96
<b>RAPIDTAC ORIGINAL</b> .....	p97
<b>RAPIDTAC II</b> .....	p97
<b>RAPIDCLEAR</b> .....	p97
Scalpels, Blades, Cutters, Applicators etc.....	p98
Sign Tapes.....	p99
Double-Sided Tapes.....	p100-101
Display Stands.....	p102 <b>NEW</b>



# RAPIDTAC Fluids

## RAPIDREMOVER

### Adhesive remover (pale lemon colour)



Quick and easy way to remove old adhesive residue without damage. It works quickly, normally under a minute, will not leave an oily residue and is water-soluble.

**Stage One:** Remove the old graphic with a heat gun.

**Stage Two:** Spray RAPIDREMOVER onto the adhesive residue and allow it to penetrate for 30 - 60 seconds.

**Stage Three:** Use a squeegee to scrape and remove the softened adhesive.

**Stage Four:** Spray RAPIDREMOVER onto a rag or paper towel and wipe the area clean. Rinse surface thoroughly with RAPIDPREP, in preparation for the new graphic. Use in a well ventilated area.

Due to the varying condition of paintwork and substrates, apply to a test area first. Refer to our data sheets for further information.

Product	Unit Description	Unit Price
RAPIDREMOVER Adhesive remover (pale lemon colour)	4oz bottle complete with sprayer 30oz (887ml) full bottle & sprayer 1 US gallon / 3.7L refill bottle Box of 4 x US gallon refill bottles	£5.14 btl £21.00 btl £56.90 btl £170.70 box

## RAPIDPREP

### Cleaning fluid (orange colour)



The quick and easy way to clean and degrease, in preparation for vinyl graphics.

RAPIDPREP will clean and degrease the surface properly.

It will only leave compatible residues and will ensure wax, silicone and oils are not left on the surface.

It is non-flammable and non-hazardous.

**Stage One:** Shake the bottle of RAPIDPREP well and spray onto the surface, ideally 1M diameter at a time.

**Stage Two:** Wait 30 seconds, then wipe clean with a paper towel (do not use a commercial kitchen towel or cloth rag).

**Stage Three:** Repeat stages 1 and 2 until the area is clean.

RAPIDPREP Cleaner (orange colour)	4oz bottle complete with sprayer 32oz (946ml) full bottle & sprayer 1 US gallon / 3.7L refill bottle Box of 4 x US gallon refill bottles	£4.54 btl £9.80 btl £24.00 btl £72.00 box
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## RAPIDTAC Fluids

**RAPIDTAC ORIGINAL (flesh pink colour)** and

**RAPIDTAC II (dark green colour)**

**Application fluid**



The quick and easy way to apply vinyl graphics wet. Compared with soapy water, RAPIDTAC can significantly improve the adhesive bond. Independent laboratory tests show 300% improvement in adhesion after 6 hours and 50% after 24 hours, with the final adhesion values over 10% higher. This increase in adhesion values, shortly after application, allows application tapes to be removed very quickly, resulting in shorter field visits.

WRINKLING, helps application in cold and hot weather and makes the final result look consistently professional, especially on glass.

RAPIDTAC II is the latest addition to the range and works twice as quickly as the original, as well as now working down to 0°C.

**Stage One:** Shake the bottle of RAPIDTAC well and using strips of masking tape, position the graphic image.

**Stage Two:** Lift the image and use RAPIDTAC sparingly to spray the substrate. Remove the liner from the film and place the self-adhesive image on the wet surface.

**Stage Three:** Finalise the position of the decal. Squeegee out the excess liquid, working from the centre outwards in all directions to enable the adhesive to start bonding. Wait 2 – 3 minutes.

**Stage Four:** Spray the RAPIDTAC fluid directly onto the application tape, then remove the tape slowly, pulling diagonally. Wipe over the surface with a paper towel.

Product	Unit Description	Unit Price
RAPIDTAC ORIGINAL Application fluid (flesh pink colour)	4oz bottle complete with sprayer 32oz (946ml) full bottle & sprayer 1 US gallon / 3.7L refill bottle Box of 4 x US gallon refill bottles	£4.54 btl £14.20 btl £38.20 btl £114.60 box
RAPIDTAC II Application fluid (dark green colour)	4oz bottle complete with sprayer 32oz (946ml) full bottle & sprayer 1 US gallon / 3.7L refill bottle Box of 4 x US gallon refill bottles	£4.54 btl £16.40 btl £47.00 btl £141.00 box

## RAPIDCLEAR

**Sheet and glass polish (pale blue colour)**



The perfect way to finish work on acrylic, glass and polycarbonate.

RAPIDCLEAR will leave a luster to your work that is sure to impress.

RAPIDCLEAR is non-hazardous, non-flammable and bio-degradable.

Due to the silicone content in the polish, graphics must be adhered before polishing the finished panel.

RAPIDCLEAR Sheet and glass polish (pale blue colour)	4oz bottle complete with sprayer 32oz (946ml) full bottle & sprayer 1 US gallon / 3.7L refill bottle Box of 4 x US gallon refill bottles	£4.54 btl £9.80 btl £24.00 btl £72.00 box
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## RAPIDTAC

**32oz / 946ml empty spray bottle with nozzle**



Empty bottles with spray nozzle and instructions for RAPIDREMOVER, RAPIDPREP, RAPIDTAC ORIGINAL, RAPIDTAC II and RAPIDCLEAR.

RAPIDTAC Empty spray bottle / spray nozzle	32oz (946ml) empty spray bottle / spray nozzle, with instructions	£2.60 btl
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# Scalpels, Blades, Cutters, Applicators etc

## Applicators 10 per box



## High quality scalpels, safety cutters, tweezers and rulers



Product	Single Price	Box of 10
APS gold ribbed nylon squeegee. Long lasting, similar to 3M's gold squeegee.	£2.50 ea	£17.50 box
MACtac red ribbed soft plastic squeegee.	£1.15 ea	£8.05 box
Teflon white ribbed. Glides over the vinyl.	£1.85 ea	£12.95 box
Felt edged squeegees. Easy on all vinyls.	£2.50 ea	£17.50 box
MACtac felt squeegee.	£3.90 ea	£27.30 box
JAC felt edged squeegees.	£4.26 ea	£29.82 box
GT020 Unger snappable. Wider and ideal for window films.	£15.60 ea	n/a
GT118-6 Unger 6" blue strip refills. For the GT020 above.	£2.08 ea	n/a

Individual RETRACTAWAY retractable scalpel handles to be used with 10A blades. Makes the scalpel safer to use.	£5.20 ea	n/a
No. 3 steel handles to be used with 10A blades. 10 per box.	£3.90 ea	£27.30 box
No. 10A replacement blades for the above. 100 per box.	n/a	£12.95 box
TWEEZERS for weeding. Stainless steel weeding tweezers. 10 per box.	£3.90 ea	£27.30 box
Yellow metal ruler. Non-slip. 500mm long ruler 1000mm long ruler 1500mm long ruler	£35.00 ea £51.00 ea £70.00 ea	n/a n/a n/a

## Sign Tapes

### MTA

#### Magnetic type 'A' for pop-ups



An adhesive backed **1.5mm mag 'A'** pattern isotropic magnetic extrusion strip for the rear of pop-up display panels.

Works with leading manufacturers' stands such as Plex and Ultima.

Featuring Tesa's leading 4965 double-sided tape with red PE film liner for easy stripping and maximum peace of mind.

Available as an individual roll, or in boxes of 10.

### HOOK and LOOP

#### White textile pressure sensitive tape

Adhesive backed white hook and loop tape is ideal for temporarily holding signs and displays.

Each side sold separately.

Also available in circles and squares.



### VELCRO®

#### White textile pressure sensitive hook and loop tape



Genuine VELCRO® adhesive backed white hook and loop tape is ideal for temporarily holding signs and displays.

Each side sold separately.

Product	Roll Size	Single	Box of 10
<b>MTA</b> Magnetic adhesive backed tape for pop-ups	12.7mm x 30M	£15.97 ea	£144.20 box

**For Pop-Ups**

<b>HOOK or LOOP</b> White pressure sensitive adhesive backed tape	20mm x 25M 50mm x 25M	£11.50 ea £27.50 ea	£103.50 box £247.50 box
<b>HOOK or LOOP</b> White pressure sensitive adhesive backed tape 22mm dots x 25M 22mm dots (1,000 dots per roll)	22mm dots x 25M	£27.50 ea	£247.50 box
<b>HOOK or LOOP</b> White pressure sensitive adhesive backed tape 25mm squares x 25M 25mm squares (1,000 squares per roll)	25mm squares x 25M	£27.50 ea	£247.50 box

**VELCRO® alternative**

<b>VELCRO® HOOK or LOOP</b> White textile pressure sensitive adhesive backed tape	20mm x 25M	£18.40 ea	£165.50 box
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**VELCRO®**

## Double-Sided Tapes

### FM-W-10P

#### High tack white 1mm thick PE foam double-sided tape



A strong white flexible PE Foam coated with an acrylic adhesive, offering good shear and a high tack, it is suitable for outdoor sites and heavy components.

A good general purpose product and ideal for rougher surfaces, especially where gaps occur or on uneven and dissimilar materials.

Suitable for applications requiring high temperature resistance but UV stability is limited.

Peel adhesion 22 N/25mm after 72 hours.

Product	Roll Size	Single	Box of 10
FM-W-10P High tack white 1mm thick PE foam double-sided tape Internal & external	12mm x 50M 19mm x 50M 25mm x 50M	£6.50 ea £9.75 ea £13.00 ea	£58.50 box £87.75 box £117.00 box

**White foam**

### DS-C-2065F

#### High tack clear 0.2mm thick film double-sided tape



Our Tesa 4965 alternative. A transparent, double sided, self adhesive tape consisting of a PET film carrier and a high tack/high shear solvent acrylic adhesive for life-long permanent bonding.

Excellent all round high performance tape for fixing both smooth and rough surfaces. The high adhesive mass offers excellent adhesion performance to metals and other high energy surfaces, with good performance even to low energy surfaces such as PP or PE. It also features a plasticiser resistant adhesive. Very good temperature, chemical and solvent resistance.

The clear UV stable adhesive makes it ideal for mounting onto glass, acrylic etc.

Common uses are for nameplates, pop-up hangers etc.

Peel adhesion 40 N/25mm after 72 hours. Red PE film liner for easy stripping.

DS-C-2065F High tack clear 0.2mm thick film double-sided tape Internal & external	12mm x 50M 19mm x 50M 25mm x 50M	£10.80 ea £16.20 ea £20.60 ea	£97.20 box £145.80 box £185.40 box

**Tesa 4965 alternative**

## Double-Sided Tapes

### UHB-C-10F

#### Ultra High Bond clear 1mm thick acrylic double-sided tape



Our Ultra High Bond (UHB) offering. Ideal for the invisible bonding of materials and also has the highest shear strength in our range for maximum loading. Ideal for the mounting of permanent signs onto a range of smooth or slightly rough surfaces.

Exceptionally high specification in terms of thermal, dynamic and chemical qualities, and can often be used in place of screws, rivets, welding, clips and other permanent fasteners.

The colourless clear UV stable adhesive also makes it ideal for mounting onto glass, acrylic etc. Used to bond substrates such as metals, sealed wood, glass, plastics, composites and painted surfaces.

Peel adhesion 50 N/25mm after 72 hours and shear strength 48 kg/25mm.

Red PE film liner for easy stripping.

### BT2

#### Bannux double-sided banner hem tape



A 300μ double sided banner tape for hemming PVC banners.

BT2 Bannux has excellent initial grab and excellent long-term adhesion. The adhesive is highly resistant to plasticisers making it ideal for hemming PVC banners.

BT2 now comes as standard with a finger lift edge to help the product unroll better and reduce waste.

Available as an individual roll or in boxes of 10.

Product	Roll Size	Single	Box of 10
UHB-C-10F Ultra High Bond clear 1mm thick acrylic double-sided tape Internal & external	12mm x 33M 19mm x 33M 25mm x 33M	£31.40 ea £47.60 ea £61.70 ea	£282.60 box £428.40 box £555.30 box

**VHB® alternative**

BT2 Double sided banner hem tape	25mm x 25M	£19.57 ea	£176.13 box
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**Banner hemming**

# Display Stands

## Altona Two NEW

### Roll-up banner stands

Our best value retractable banner stand.

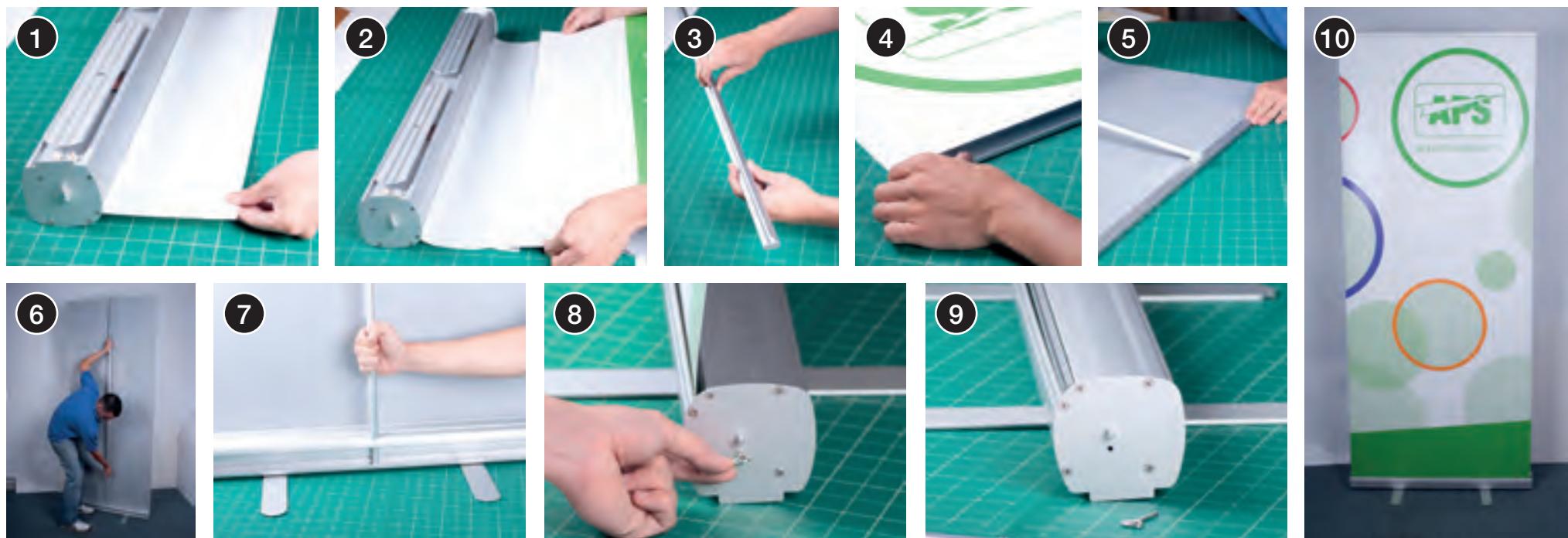
The Altona Two has two feet that swing out for maximum stability.

It also has a three part bungee type pole and comes in a padded carrying case.

The Altona Two comes with a top clip rail, rather than an adhesive system, to make the placement and replacement of graphics easier.



They each come in a smart black padded carrying bag with handle and comprehensive instructions.



Product	Single Price	Box of 6
<b>Altona Two 850</b> Roll-up banner stands 850mm x 2000mm 3.70kgs each comes with feet, bungee pole, clip rail 6 per box	£19.00 ea	£95.00 box
<b>Altona Two 1000</b> Roll-up banner stands 1000mm x 2000mm 4.15kgs each comes with feet, bungee pole, clip rail 6 per box	£23.00 ea	£115.00 box

## Sheets for Signmaking



### Bespoke cutting service - giving you sheets exactly the size you need

We have a 6M x 4M top-of-the-range wall saw which is accurate to within 0.100mm. This allows us to cut sheets absolutely square and to the exact size you require. We offer a free sheet cutting service providing the maximum number of cuts is less than 8. For more than 8 cuts there is a nominal charge of £15.00 per sheet.

### Technical advice and support

For technical advice or support on how to get the best out of our sheets for signmaking products, call our sales office on 01753 696977 for the Southern Office, or 0844 4488686 for the Northern Office, or email: [sales@allprint.co.uk](mailto:sales@allprint.co.uk)

### Products include:

FoamaLite Foam PVC.....p104



# Sheets for Signmaking



## FoamaLite Foam PVC



High quality branded foam PVC sheet from Foamalite. Available in matt white with PE protection film one side. For both laminating and UV printing. B1 fire rated as standard. Primarily for indoor usage.

Product	Thickness	Sheet Size mm	Sheet Price
FoamaLite foam PVC	3mm	1220mm x 2440mm	£20.30 ea
	3mm	1560mm x 3050mm	£32.40 ea
	5mm	1220mm x 2440mm	£33.30 ea
	5mm	1560mm x 3050mm	£53.80 ea

## Cutting Service

We offer a **free sheet cutting service** for signmaking materials bought from us providing the maximum number of cuts is less than 8. For more than 8 cuts there is a nominal charge of £15.00 per sheet.



## Inks for Solvent Printing



We launched the Nazdar range of digital solvent inks in September 2010 and they have proved to be no-fuss, 'plug and play' inks for the leading eco-solvent printers in the UK. We already have over 50 installations to customers in the UK who are seeing the benefit of the fantastic savings which are on offer!

Simply plug these inks in and you are ready to go...

There's no need to flush out your old OEM inks, just mix 'n' match ink cartridges.

Our comprehensive range of digital inks for the leading eco-solvent printers in the UK market has followed extensive testing on our own in-house printers. These inks are almost identical in colour to the OEM inks, so no need for re-profiling. An additional benefit is they are low odour. The inks are supplied by Nazdar.

Nazdar have been making ink since 1922 and established a digital ink division way back in 1995. This knowledge and expertise allows Nazdar to offer the Industry's strongest third-party warranty. Nazdar warrants Lyson Series Ink to withstand exterior exposure without material deterioration when viewed under normal conditions for a period of up to two years. (For full warranty statement go to: [www.nazdar.com](http://www.nazdar.com)).

We supply all the products you need, including:

Nazdar Lyson 1302, for JV3 (SS2) .....p106 **►NEW**

Nazdar Lyson 133, for JV33 (SS21) .....p106 **►NEW**

Nazdar Lyson 2000 (Eco-Sol Max) .....p106 **►NEW**

# NAZDAR®

We launched Nazdar Lyson's **1302 series** of low odour inks similar to the SS2 inks for the Mimaki JV3 printer and these were quickly followed by their **133 series** (SS21) inks for the Mimaki JV33 printer. Then came the **2000 series** low odour inks similar to the Eco-Sol Max inks for the Roland DG range of printers.

### Technical advice and support

For the latest information, technical advice or support on how to get the best out of your printer and our inks, call our sales office on 01753 696977 for the Southern Office, or 0844 4488686 for the Northern Office, or email: [sales@allprint.co.uk](mailto:sales@allprint.co.uk)



## Inks for Solvent Printing

### NAZDAR LYSON 1302

#### Low odour inks for Mimaki JV3 (SS2)

Nazdar's 1302 Series high quality 3rd party eco-solvent inks are a real alternative to the manufacturers' OEM SS2 inks for the Mimaki JV3.

The base process colours are identical to the eye so eliminate the need to re-profile.

There is also no need to flush the original inks away prior to change over. Simply just plug in the Nazdar cartridge when you've run out of original ink and carry on printing - you will see no change.

The **1302 Series** are low odour inks and require no more extraction than the SS2 inks.

Product	Colour	Cart Size	Single Price
NAZDAR LYSON 1302 Cyan	Cyan	440ml	£60.00
NAZDAR LYSON 1302 Black	Black	440ml	£60.00
NAZDAR LYSON 1302 Magenta	Magenta	440ml	£60.00
NAZDAR LYSON 1302 Yellow	Yellow	440ml	£60.00
NAZDAR LYSON 1302 Light Cyan	Light Cyan	440ml	£60.00
NAZDAR LYSON 1302 Light Magenta	Light Magenta	440ml	£60.00
NAZDAR LYSON 1302 Flush Solution	Flush Solution	220ml	£33.50



### NAZDAR LYSON 133

#### Inks for Mimaki JV33 (SS21)

Nazdar's 133 Series high quality 3rd party eco-solvent inks are a real alternative to the manufacturers' OEM SS21 inks for the Mimaki JV33.

The 133 Series base process colours are virtually identical to the eye so mostly eliminate the need to re-profile.

There is also no need to flush the original inks away prior to change over. Simply just plug in the Nazdar cartridge when you've run out of original ink and carry on printing - you will see no change.

The **133 Series** require no more extraction than the SS21 inks.

NAZDAR LYSON 133 Cyan	Cyan	440ml	£60.00
NAZDAR LYSON 133 Black	Black	440ml	£60.00
NAZDAR LYSON 133 Magenta	Magenta	440ml	£60.00
NAZDAR LYSON 133 Yellow	Yellow	440ml	£60.00
NAZDAR LYSON 133 Light Cyan	Light Cyan	440ml	£60.00
NAZDAR LYSON 133 Light Magenta	Light Magenta	440ml	£60.00
NAZDAR LYSON 133 Flush Solution	Flush Solution	220ml	£33.50



### NAZDAR LYSON 2000

#### Low odour inks for Roland (Eco-Sol Max)

Nazdar's 2000 Series high quality 3rd party eco-solvent inks are a real alternative to the manufacturers' Eco-Sol Max inks for Roland printers.

The 2000 Series base process colours are identical to the eye so eliminate the need to re-profile.

There is also no need to flush the original inks away prior to change over. Simply just plug in the Nazdar cartridge when you've run out of original ink and carry on printing - you will see no change.

The **2000 Series** are low odour inks and require no more extraction than the Eco-Sol Max inks.

NAZDAR LYSON 2000 Cyan	Cyan	440ml	£60.00
NAZDAR LYSON 2000 Black	Black	440ml	£60.00
NAZDAR LYSON 2000 Magenta	Magenta	440ml	£60.00
NAZDAR LYSON 2000 Yellow	Yellow	440ml	£60.00
NAZDAR LYSON 2000 Light Cyan	Light Cyan	440ml	£60.00
NAZDAR LYSON 2000 Light Magenta	Light Magenta	440ml	£60.00
NAZDAR LYSON 2000 Flush Solution	Flush Solution	220ml	£33.50



**Nazdar offer the Industry's strongest third-party warranty. They warrant the Lyson Series Ink to withstand exterior exposure without material deterioration when viewed under normal conditions for a period of up to two years (for full warranty statement go to [www.nazdar.com](http://www.nazdar.com)).**

# Signmaking: Choosing the Right Vinyl

**Face films: Vinyl in general, can be manufactured in one of two ways - by calendering or by casting.**

**Calendering:** The molten resin is squeezed between a series of rollers to produce a film of vinyl. Due to the mechanical method of manufacture, the PVC has a built in memory and will attempt to return to its original form, which may result in film shrinkage. PVC in its "natural" form is a rigid material, so additives known as plasticisers have to be added to soften the film and make it useable. Other additives are included to stabilise against the effects of heat, UV and to add colour etc. Currently, there are two types of plasticisers used, these divide the calendered vinyl's into two distinct groups - Monomeric and Polymeric. Both types of Calendered films perform slightly differently in one direction than the other i.e. in machine direction and cross machine direction.

## 1. Monomeric PVC's

In this case, the plasticisers used are short-chain; which means that they do not bind into the film particularly efficiently, thus having a tendency to migrate out of the film and leave it brittle. These films are generally 70 to 80 micron thick and are prone to shrinkage. They are also quite stiff and hard on blade wear. Generally, the films have an expected outdoor life of 3 - 5 years for black and white and 2 - 3 years for colours. They are available in a range of matt and gloss finishes and are economically priced. They are suitable for most internal applications and selective short-term external applications. The films are barely conformable over contours and are recommended for flat-sided applications only.

## 2. Polymeric PVC's

These are sometimes known as stabilised films or extended life films. The plasticisers used are long-chain, which allows them to bind into the film more efficiently, thus reducing the migratory effect. These films are generally 60 to 80 microns thick and are less prone to shrinkage, typically 50% less than the Monomeric range. They feel softer and in general have an outdoor life expectancy of 7 - 8 years for black and white, 5 - 7 years for colours and 3 years for Metallics. These films are primarily available in a gloss finish, although translucent and matt finishes are also obtainable. They are suitable for most external applications, but conformability over complex contours is somewhat limited.

**Casting:** The liquified resin is coated onto a highly polished substrate i.e. casting paper, to produce a thin film of vinyl. Due to the lack of mechanical force being used, cast films do not have the same memory as calendered vinyl; consequently shrinkage is minimal, typically 50% less than Polymeric films. Cast films are generally 50 to 60 micron thick and are very soft to handle. They have a typical outdoor life expectancy of 10 years for black and white, 7 years for colours and 5 years for Metallics. The films are primarily available in a high gloss finish and are the ultimate in terms of conformability over complex contours i.e. rivets, corrugations etc. All the ingredients used in the production of cast vinyl are of the best quality, consequently performance in terms of temperature ranges, colourfastness etc. is generally better than that of calendered films. Cast films perform equally well in both directions, i.e. in machine and cross machine direction.

**Adhesives:** In the signage market, manufacturers generally standardise on acrylic adhesives for external, permanent applications and the adhesives are formulated to be compatible with the life expectancy of the face film being used.



# Signmaking: Guide for the correct usage of self-adhesive materials

## Storage

Rolls should be stored on end, to avoid pressure marking. Extremes in temperature and humidity should be avoided. High temperatures can lead to adhesive bleed, causing problems with the sprocketed material in particular, whilst humidity may cause problems with the backing papers such as curl etc. All self-adhesive vinyls should be allowed 24 hours to acclimatise to workshop temperatures and humidity levels, before usage. An ideal storage condition, recommended by most manufacturers, is 15°C - 25° C and at 50% relative humidity. Avoid storing in direct sunlight or near heaters. Keep the rolls off the floor, as dampness from the floor may be absorbed into the backing paper.

## Cutting

Ensure the depth/pressure setting of the plotter blade is correct for the vinyl being used. Not cutting deep enough will create difficulties in weeding the waste matrix. Whereas cutting too deeply into the siliconised backing paper, may cause delamination of the paper onto the adhesive side of the vinyl when removing the cut lettering from the backing paper. It is always recommended to test cut the vinyl, by producing some lettering in the same size as the finished work. Cutting the vinyl, then leaving for some time before the weeding process, may lead to difficulties in weeding the waste and removing the lettering. These problems are caused by the adhesive flowing back and are especially noticeable in warmer conditions. Cold conditions may cause the face of the film to harden and become brittle. This in turn can cause the blade to skid across the surface and cause the film to break when weeding. We would recommend using a new blade in cold conditions and to allow the film to acclimatise to room temperature.

## Weeding

Weeding is the process and the name given to the removal of the waste matrix, prior to the transfer of the cut lettering. Tweezers and scalpels are the most common tools used for weeding. To begin the process, start at one corner and work across the image in short diagonal movements, usually in a right to left direction.

## Transfer of the pre-spaced image

After the waste matrix is weeded away, the cut lettering has to be transferred accurately from the backing paper to the finished substrate, using Application Tape. We stock a variety of Application Tapes to achieve this successfully. As a general rule, matt finished vinyls require a higher tack Application Tape than a gloss vinyl, and smaller images require a higher tack tape than larger ones. No one tape will be ideal for all jobs, however our KleenTear KT75 High Tack Application Tape is all-purpose and will work for most applications. Apply the Application Tape smoothly to the weeded image, avoiding wrinkles and bubbles wherever possible. Squeegee the Application Tape down using a plastic applicator. Start from the centre and work outwards - follow a pattern similar to the "Union Jack". Turn the vinyl over, so that the Application Tape is facing down on the bench and the backing paper is facing upwards. Remove the backing paper, starting at one corner and peeling back diagonally at an angle of 180°.



# Signmaking: Guide for the correct usage of self-adhesive materials

## Removal of existing vinyl lettering

To remove old lettering, use a heat source i.e. a hair dryer or heat gun, to soften the vinyl, then strip the vinyl slowly off the substrate. This tends to leave a residue of adhesive on the substrate. Using adhesive remover, RAPIDREMOVER, spray the adhesive residue and let it penetrate for 30-60 seconds. Use a squeegee to remove as much of the adhesive as possible. Now spray some RAPIDREMOVER onto a rag or paper towel and wipe the area clean. Finally, clean the entire area with water and detergent then degrease as detailed below. RAPIDREMOVER can be used on a wide variety of surfaces, including most plastics, glass, fibreglass and painted surfaces that have been properly cured (for further information see our RAPID range of products). Avoid use on latex painted surfaces, Styrofoam or Styrene surfaces. Always test an area first.



## Preparation of the substrate

The substrate must be free from grease, dirt and foreign matter before application. The safest and easiest way to clean and degrease the surface is to use RAPIDPREP, a non-toxic, degreasing agent that removes most waxes and silicones. This will thoroughly degrease the surface in preparation for the application of the vinyl graphic.

## Application of the pre-spaced image

There are two basic methods of applying self-adhesive vinyl's, depending on the size/complexity of the image and difficulty of the substrate. In all cases, ensure that the sign is applied above the minimum recommended application temperature (see Technical Data Sheets for the minimum application temperatures of each product). Please take note that these are minimum temperatures. Most good self-adhesive vinyl manufacturers recommend the range of 15°C-25°C as the ideal temperatures for the application of self-adhesive vinyl's.

**Dry application** - used in the majority of cases.

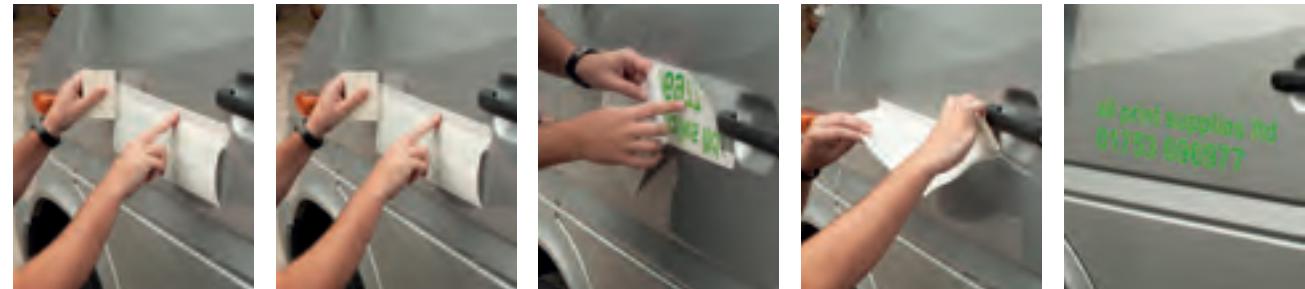
**Wet application** - used to apply large or multi-coloured images to difficult substrates i.e. convex or concave curvatures. Also recommended for application on to glass surfaces.

One of the secrets of good long-term application is to have optimum contact of the adhesive to the surface. Any gaps between the adhesive and the surface will inevitably, through time, lead to adhesive failure.

# Signmaking: Guide for the correct usage of self-adhesive materials

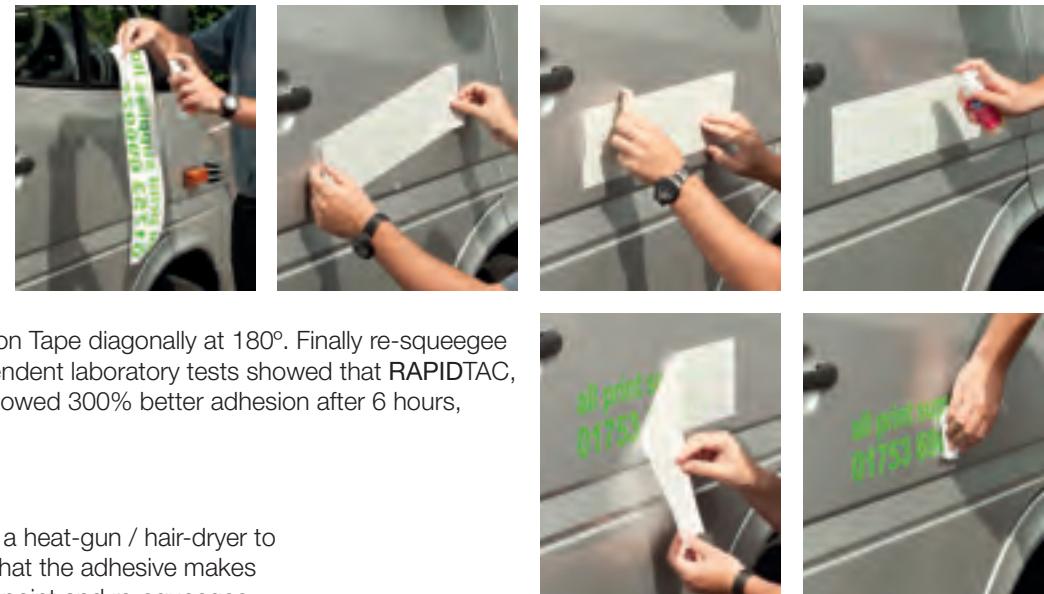
## Dry application - top hinge method

Before commencing, establish exactly where the sign is to be located, then tape the sign into position using small pieces of masking tape. Use 2" masking tape to create a hinge - half the masking tape on top of the sign and the other half on the application surface. Squeegee the masking tape hinge firmly into position. To apply, lift the sign away from the surface and fold back on the hinge. Peel off about 6" of the backing paper then lower the sign, keeping the adhesive away from the application surface. Starting at the top in the centre, squeegee down and outwards towards each edge in turn. Remove another 6" of backing paper and keep repeating the process, using overlapping strokes, until the sign is completely applied (for large pre-spaced signs, do as above but slit between each letter, so that every letter can be applied individually). Now carefully remove the application tape, diagonally at 180°. Air bubbles can be removed by puncturing the bubble with a pin, then squeegee the trapped air towards and out of the puncture. Finally re-squeegee the sign, paying particular attention to the top and leading edges. If the sign is long and narrow, the same procedure can be adopted with the hinge on the edge of the sign, instead of the top.



## Wet application

This method is used when applying large or multi-coloured signs and assists greatly in the elimination of air bubbles. The application of a liquid to the adhesive forms a barrier, which temporarily neutralises the adhesive and allows the graphic to be repositioned several times. To save time and money an Application Fluid such as RAPIDTAC can be used (for further information see our RAPID range of products on pages 96 and 97 of this price guide). Shake the RAPIDTAC spray bottle well before use. Spray the fluid onto the adhesive or onto the substrate and float the image into position as before. Excessive use of RAPIDTAC will result in longer cure times for the adhesive, so use sparingly. Squeegee the image as before. After allowing only a few minutes to pass, spray the Application Tape with RAPIDTAC and squeegee again. Carefully remove the wet Application Tape diagonally at 180°. Finally re-squeegee over the entire sign again, paying particular attention to the top and leading edges. Independent laboratory tests showed that RAPIDTAC, in comparison to soapy water, could significantly improve the adhesive bond. The tests showed 300% better adhesion after 6 hours, 50% after 24 hours and a 10% improvement in the overall adhesion peel values.



## Use of heat

For application to substrates with complex profiles such as rivets. For the best results use a heat-gun / hair-dryer to soften the film and make it more pliable. Squeegee the film onto and around the rivet, so that the adhesive makes contact with the entire area of the rivet. Remove any trapped air, by puncturing with a fine point and re-squeegee. This will ensure that the film makes full contact with the substrate. For surfaces as complex as these, a cast vinyl product would be recommended.

# Signmaking: Cautionary Notes

**This information is a general guide for the use of self-adhesive materials.**

## **Hot weather**

Heat causes the adhesive to become more viscous and tacky, whilst softening the face film. If possible, avoid applications in direct sunlight and excess heat, as the adhesive tends to grab at the substrate on impact.

## **Cold weather**

Cold causes the face film to become harder and more brittle, it also impedes adhesion and makes the adhesive less viscous; hence extra care must be taken when handling the product. Make sure that the minimum application temperature for the grade of vinyl being used is adhered to. In general, the minimum temperature for permanent adhesives is approx. 10°C. In cold weather it may be necessary to use a new blade when cutting, as an older blade may skid over the surface of the film. As previously mentioned, the cold weather makes the film brittle, which can result in problems when weeding.

If possible, it is helpful to allow the films to acclimatise to room temperature prior to cutting and weeding.

## **Wet application**

Water freezes, so avoid using the wet application method in freezing weather conditions.

## **Cleanliness**

All substrates must be clean and free from grease, dirt and foreign matter. We recommend the use of a proprietary degreaser such as RAPIDPREP for cleaning the substrate prior to application (for further information see our RAPID range of products). Correct cleaning and application will significantly improve the performance of the self-adhesive material.

## **Washing**

After application of a sign to a vehicle, the vehicle should not be washed for several days. Power washers can remove or damage vinyl lettering if too powerful or directed at an angle to the lettering.

## **Printing**

Most of our C.A.S. films can be screen-printed and some can also be printed digitally, on solvent or thermal resin type printers. If printing, it is the responsibility of the purchaser to test for ink compatibility.



# Signmaking: Cautionary Notes



## Out-gassing

Some plastic materials i.e. fibreglass, acrylic and Polycarbonate can out-gas, causing bubbling under the film and eventual failure of the adhesive. Out-gassing can similarly occur, when self-adhesive films are applied to a newly painted surface. For example, when using two-pack paints, most paint manufacturers recommend a drying time of at least 12 hours at 20°C. Our experience suggests that this can be an insufficient drying time before the application of self-adhesive films. We recommend a curing time of at least 72 hours prior to application. All reflective films are particularly prone to out-gassing problems.

## Plasticiser migration

Some flexible PVC substrates i.e. banners, curtain sides and other PVC films, contain plasticisers to varying degrees. Heavily plasticised films have a tendency to 'leach out' plasticisers during their lifetime. Therefore when a self-adhesive film is applied to one of these substrates, the plasticisers in the substrate will tend to migrate out of the substrate and start to breakdown the adhesive. Through time, this can lead to adhesion problems, cracking of the self-adhesive graphics, and staining of the substrate. Some of our films, such as the MACsoft 900 banner range, have a plasticiser resistant adhesive which can help overcome some of these problems. To help avoid problems with banners we have tested and warranted products such as the LC6700 Series and LUCKY-BANNER for compatibility.

## Adhesive milking

Some water or aqueous based adhesives will turn white or "milky" when in contact with water and can look unsightly on glass substrates. The milking will disappear after several hours, occasionally longer, depending on the film being used and atmospheric conditions. The use of RAPIDTAC will often reduce or eliminate this milking effect.

## Window graphics

Most of the films featured in the price list can be applied to glass windows. However, there is a small but theoretical risk of the glass cracking. Cracking of glass, although rare, can occur if large expanses of dark material are applied to the inside or outside of the windowpanes. The reason for this is that glass absorbs energy from the sun and there is a higher absorption level where there are large areas of opaque or dark colours. This can cause the glass to 'dilate'. Some of the critical conditions that can combine and may cause glass failure are: south facing exposure, excessively large and opaque areas of the glass, spring and autumn months, extreme temperatures between night and day, and dilation differences between the covered and exposed glass. The darker and more

opaque the colour of vinyl used, the greater the risk of cracking. If using opaque black or other dark shades, it is generally recommended to avoid applying large areas of vinyl to the window. These precautionary measures should keep the risk to a minimum.

## Magnetic PVC

Both the vehicle surface and the brown magnetic side of the sign should be clean, dry and lightly waxed prior to application. Pay particular attention to the edges of the sign and particularly the leading edge – even a slight lump or bump on the leading edge will allow air and or moisture under the sign and may lead to the vehicle and sign parting company. Be careful where you lay the sign down as it will naturally attract dust particles which may cause lumps etc. Let one edge of the sign contact the vehicle in the desired position then let the magnet contact the vehicle positioning itself in the correct position from the original edge to the opposite. Bear in mind the aerodynamics of the vehicle when positioning signs – avoid bonnets at all costs, too much air turbulence.

Make sure that the entire surface of the sign is smoothly against the vehicle with no air pockets, wrinkles or bumps which might catch the wind, especially under the forward facing edge. In the winter the temperature of the sign should be about 10°C during application; avoid frozen or frosted vehicles. Care should be taken with wood grain panelling and metallic finishes, such surfaces should be checked often for the first 90 days of use and thereafter. A generous waxing of both surfaces, both the back of the sign and where it will be placed will help to prevent any damage. Re-painted vehicle surfaces and those of new cars should be avoided for a minimum three months and must be hand wax polished before the sign is to be fitted to seal the surface. Remove frequently to allow the natural ultraviolet light of the sun to evenly bleach the vehicle panels. Do not position over engine compartments as these naturally give off heat which may damage the sign and consequently the vehicle. Remove the sign at least once a week and wipe dry both the magnetic side and the surface of the vehicle. This will keep the moisture from collecting, which can potentially damage the surface of the vehicle. Simply wash it with warm water and mild detergent. Avoid cleaning fluids, petrol acetone, benzene and chlorinated solvents. Remove road film and any dirt before applying or re-applying the sign to the vehicle. Make sure that the sign is removed after rain, sleet or snow and wiped dry, as moisture collecting behind the sign may damage it and possibly the vehicle if left unchecked.

Avoid wrinkling by storing in a 6" diameter roll with the printed side of the sign on the outside of the roll, or store the sign flat. Since the magnetic sheet is permanently magnetic, you do not need to protect it against magnetic destruction but beware that it will naturally attract dust particles, so store in a clean environment. Don't put heavy objects on it or leaning up against it while in storage. During cold weather allow the sign to uncurl in a warm atmosphere before use.

# Solvent Printing

## Handling, printing and storing of solvent media

Using correctly written media profiles takes the guesswork out of printing, will raise output quality, ensure colour consistency and reduce ink costs. Contact the Sales Office regarding the very latest in profile availability.

It is recommended that you replace the materials back in their poly bag and stand vertically on end after printing to help reduce the risk of dust and dirt contamination.

Most of the printer manufacturers believe that the self-adhesive materials need to be left for 24 hours before being cut or trimmed in order to let retained solvents evaporate. Cutting the product very quickly after printing can lead to edge lift of the self-adhesive face material particularly in areas of high ink coverage.

It is advisable to leave prints for 24 hours before overlamination for the same reasons as above.

The life expectancy of the products in this price list are for the materials unprinted. After printing the expected outdoor performance will be dependent on the type of printer, ink formulation, the laminate and many other factors. The printer reseller should be able to provide you with guidelines.

Our legal liability for accidental bodily injury or damage to the property of third parties in the course of the business including products supplied is limited to £2M in any one incident. A copy of our Public/Products Liability certificate is available on request.



## Guide for wallpaper

Lamination of our wallpaper is not recommended. To protect the wallpaper prints from abrasion, dirt and moisture we would recommend the application of a Decorators Varnish, such as a clear acrylic coating. This type of varnish should protect the print against water, mild abrasion and discolouring, and allow the printed paper to be cleaned with a mild detergent. This type of acrylic varnish can also help to prevent cracking of the coating when creased. Prints should be left for 12 hours prior to application of the varnish and care should be taken on dark areas of the print as the varnish can look slightly milky. These varnishes are generally best applied by a short-pile paint roller, but can also be brushed on. We have used Polyvin's Acrylic Decorators Varnish in-house, which is available from most Decorators Materials Suppliers in gloss, satin and dead-matt and have found the results to be excellent. When pasting, a standard or heavy-duty starch based paste may be used. The paste should be left for 10 minutes after application, before hanging. The wet expansion for papers is limited making it slightly more difficult to hang than some standard wallpapers and care must be taken if papering on to a curved surface. As when hanging standard wallpaper, always check the suitability of the wall to accept pasting. To ensure colour consistency, always complete the job from one roll of material.



# Aqueous Inkjet

## Handling, printing and storing of inkjet media

It is advisable to wear cotton gloves to prevent fingerprints caused by moisture, dirt or grease from marking the media. Inkjet media is always presented to you with the print side facing out. Inkjet media should be stored in its original box until required and repackaged after use using the plastic bag and core plugs.

## Laminating inkjet media

Lamination times will increase in more humid, still and colder conditions and when using lamination films with lesser adhesive formulations. Most manufacturers will generally recommend leaving prints a full 24 hours prior to lamination, reducing to 4 hours in the most suitable conditions. The main problems caused when laminating prints too quickly is the lack of adhesive bond to the still tacky inks.

## Pop-up / Roll-up inkjet media

For these demanding applications we have many laminates, **TV3-60**, **TV5-70** and **TV10-30**. TV3-60 has an 80 $\mu$  thick scratch and scuff resistant PVC face film and is primarily for pull-up stands. TV5-70 has a thicker scratch and scuff resistant PVC face film at 125 $\mu$  and can be used on pull-up stands or pop-up displays. TV10-30 is the thickest and most rigid laminate in our range. It has a 250 $\mu$  thick scratch and scuff resistant rigid PVC face film and is for the main pop-up panels.

The laminates should be run using minimum tension, especially on the TV3-60 and TV5-70 to avoid stretching and distortion.

The trimmed panels must be left laying flat for as long as possible, at least 1 hour and ideally for 24 hours. This is to allow the adhesive to fully cure. The reverse side of the printed panels can be cleaned with our RAPIDPREP cleaning fluid. Other more aggressive cleaners may damage some of the stop-light backers. The finished panels should be wrapped carefully to avoid damage to the edges, with the image ALWAYS wound face out. The panels should be allowed to fill the space in the wheeled pop up carrier. Tight winding should be avoided at all times.

## Water resistant inkjet media

We stock water resistant vinyls such as **UGV5**, **UWG5**, **UWV5** and **UWP4** (see page 76 and 77 for information on these products). Dirt cannot be cleaned from the surface of this type of product unless the sign has been laminated. As a general rule lamination it is not required on this type of product, however it will help to protect the surface against dirt, abrasion, UV light and will increase the life of the sign. To obtain a high degree of water resistance, pigmented inks must be used. Overinking the image can have a detrimental effect on the water fastness of the sign so as a rule of thumb; ink levels should be restricted to around 250%. Prints must be allowed to dry for 12 to 24 hours prior to external application.



# Car Wrapping



Thoroughly clean the surface the material is to be applied to using a sponge and clean, soapy water. The surface area is clean enough when you can rub your fingers over the cleaned area and it is "squeaky" clean. Then use RAPIDPREP to prepare the surface that the vinyl will be applied to.

Pay particular attention to the recessed areas of the bodywork which trap dirt and grease - ensure these areas are completely free from dirt, oil and grease as any dirt left on the body work will affect the materials adhesion to the surface.



Position the film to the cleaned application surface using low-tack application tape. This will serve as a 'hinge' for applying the material to the surface. Ensure the 'hinge' tape is placed on a flat part of the surface. Only remove a small section of the liner at first to prevent pre-sticking.



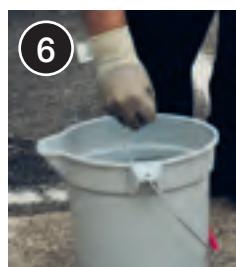
Keep the adhesive free from the surface until ready. Use a plastic squeegee to firmly apply the film from the centre outwards towards the film edges. Take care NOT to stretch the film while following the irregular shapes of the surface. Apply vertical sections using vertical squeegee strokes. Remove the application 'hinge' tape and re-squeegee all edges and corners.



When re-squeegeeing the edges and corners, ensure the material is fixed on ALL edges of any irregular shapes in the surface. Work your way around the edges of all irregular shapes, dips and corrugation ensuring all the edges are fixed firmly!



Once all edges have been firmly fixed to the surface, the application of the material in the recesses and shaped surface areas can begin...



In order to conform the material to the irregular shaped surface without forming pleats or creases, you will need to wet your application glove using clean water.



Then, to conform the recessed and irregular shaped areas, use a hot-air gun to heat these areas of material gently to about 40°-50°C. We advise you only heat small areas at a time. Always check the correct temperatures are adhered to using a temperature sensor.



Having heated the material to 40°-50°C use the wet glove to start stretching the material into the deepest parts of the recessed areas - ensuring the area of material you are working on stays heated to at least 40°C. Continue your way around the recessed area focussing only on the deepest part.



Once the deepest parts have been successfully applied, begin to work your way through all the other recessed areas, shaping the material to the contours of the substrate. Again, ensure that the material is heated to 40°-50°C.

With all the edges now properly applied you will need to turn your attention to the remaining areas of the vinyl. When doing this make sure that any air is not trapped; avoid trapping air by leaving an opening for the air to escape. Check the application for any air-bubbles - if any small air bubbles can still be seen these are easily removed with a small puncture, then heat it a little and push the air out.

Now for the final stage. Use the hot air gun to heat the material to approx 80°-90°C, especially in areas where the material has been stretched. Ensure the heating is done gently and the temperature then gradually increased - it is important that the film AND the substrate reach these temperatures by re-heating gently rather than with short blasts of heat.

# Application for a Credit Account - Free Fax: 0800 374635



PLEASE COMPLETE THIS FORM IN BLOCK CAPITALS.

Name of Company:	Are you? 1. A limited company <input type="checkbox"/> 2. A partnership <input type="checkbox"/> 3. A sole trader <input type="checkbox"/>
Company Reg No.:	Vat No.:

## YOUR TRADING INFORMATION:

Trading Address:	Telephone:
	Fax:
Postcode:	E-mail:
Time at this address:      years      months	Are the business premises owned by the Proprietor(s): Yes: <input type="checkbox"/> No: <input type="checkbox"/>
If less than 2 years please supply previous address:	How many years have you been trading:      years
	Monthly expenditure: £      Amount of credit applied for: £
Postcode:	Accounts Contact:

## IF NOT A LIMITED COMPANY:

Proprietor/s: (1)	Proprietor/s: (2)
Home Address: (1)	Home Address: (2)
Postcode:	Postcode:
Telephone:	Telephone:
Fax:	Fax:
E-mail:	E-mail:

## LIST ANY COUNTY/HIGH COURT JUDGEMENTS MADE AGAINST THE APPLICANT IN THE LAST SIX YEARS:

Are all judgements satisfied: Yes: <input type="checkbox"/> No: <input type="checkbox"/>
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## TRADE REFERENCES (PREFERABLY RELEVANT TO THIS INDUSTRY):

Reference 1: Name:	Reference 2: Name:
Address:	Address:
Telephone:	Telephone:
Fax:	Fax:
E-mail:	E-mail:

I the undersigned confirm that the information given is true to the best of our knowledge. We hereby apply for credit from All Print Supplies Limited and agree to the Terms and Conditions as stated overleaf.

Signed:	Position:	Print Full Name:	Date:
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All Print Supplies Ltd.

Southern Office: 79-80 Buckingham Avenue, Slough, Berkshire, SL1 4PN Tel: +44 (0)1753 696977 Fax: +44 (0)1753 567733

Northern Office: A07, Magna 34 Business Park, Temple Road, Rotherham, S60 1FG Tel: 0844 4488686 Fax: 08700 668662

Registered Address: 11 Castle Hill, Maidenhead, Berkshire, SL6 4AA. Registered in England No. 3744718

# Terms and Conditions of Sale

## 1. DEFINITIONS

"the Seller" means All Print Supplies Ltd.

"the Purchaser" means the person, firm, or company to be supplied with the Goods by the Seller.

"Goods" means the goods, materials and/or other items to be supplied pursuant to the Contract.

"the Contract" means the contract for sale and purchase of the Goods made between the Seller and the Purchaser to which these Conditions apply.

"Conditions" means the standard terms and conditions of sale set out in this document and (unless the context otherwise requires) includes any special terms and conditions agreed in writing between the Purchaser and the Seller.

"Writing" means telex, cable, facsimile transmission or comparable means of communication.

## 2. BASIS OF SALE

- (a) The Conditions constitute the entire Contract for the sale of Goods by the Seller to the Purchaser.
- (b) No variations or waiver of or addition to the Conditions shall be effected unless agreed in writing and signed by a director of the Seller and the duly authorised representative of the Purchaser.
- (c) The Seller's employees or agents are not authorised to make any representations concerning the Goods unless confirmed by the Seller in writing. In entering into the Contract the Purchaser acknowledges that it does not rely on, and waives any claim for breach of, any such representations which are not so confirmed.
- (d) Any advice or recommendation given by the Seller or its employees or agents to the Purchaser or its employees or agents as to the storage, application or use of the Goods which is not confirmed in writing by the Seller is followed or acted upon entirely at the Purchaser's own risk, and accordingly the Seller shall not be liable for any such advice or recommendation which is not so confirmed.

## 3. RETENTION OF TITLE ON SALES OF GOODS

Title to the Goods shall remain vested in the Seller and shall not pass to the Buyer until the purchase price for the Goods has been paid in full and received by the Seller.

## 4. TECHNICAL SPECIFICATIONS

- (a) All technical specifications, information and particulars in relation to the Goods and made available by the Seller are believed to be true at time of publication but do not constitute a warranty or guarantee.
- (b) The Purchaser shall be responsible to the Seller for ensuring the accuracy of the terms of any order (including any applicable specification) submitted by the Purchaser, and for giving the Seller any necessary information relating to the Goods within sufficient time to enable the Seller to perform the Contract in accordance with its terms.
- (c) It is the responsibility of the Purchaser to ensure that the Goods are suitable for any particular application.

## 5. QUOTATIONS

A quotation by the Seller does not constitute an offer and the Seller reserves the right to withdraw or amend the same at any time prior to the Seller's acceptance of the Purchaser's order.

## 6. PRICES

- (a) The price of the Goods shall be the quoted price or where no price has been quoted (or a quoted price is no longer valid) the price listed in the Seller's published price list current at the date of acceptance of the order. Unless otherwise stated, prices are nett, ex works and exclusive of VAT or other sales tax, which taxes the Purchaser shall be additionally liable to pay to the Seller.
- (b) Notwithstanding any acceptance of the said prices by the Purchaser, the right of the Seller is reserved for the same to be increased up to the date of despatch should there be any increase in the Seller's current price list for goods of the same or comparable description to those agreed to be sold which becomes effective prior to the date of despatch, in which case the goods or the undelivered balance thereof shall be invoiced and paid for at the agreed prices plus the amount of the relevant increase.

## 7. DELIVERY

- (a) Delivery of the Goods shall be made by the Purchaser collecting the Goods at the Seller's premises at a time after the Seller has notified the Purchaser that the Goods are ready for collection or, if some other place for delivery is agreed by the Seller, by the Seller delivering the goods to that place.
- (b) Any dates quoted for the delivery of the Goods are approximate only and the Seller shall not be liable for any delay in the delivery of the Goods howsoever caused. Time for delivery shall not be of the essence unless previously agreed by the Seller in writing. The Goods may be delivered by the Seller in advance of the quoted delivery date upon giving reasonable notice to the Purchaser.
- (c) If the Seller fails to deliver the Goods for any reason other than any cause beyond the Seller's reasonable control or the Purchaser's fault, and the Seller is accordingly liable to the Purchaser, the Seller's liability shall be limited to the excess (if any) of the cost to the Purchaser (in the cheapest available market) of similar goods to replace those not delivered over the price of the Goods.
- (d) If the Purchaser fails to take delivery of the Goods or fails to give the Seller adequate delivery instructions at the time stated for delivery (otherwise by reason of any cause beyond the Purchaser's reasonable control or by reason of the Seller's fault) then, without prejudice to any other right or remedy available to the Seller, the Seller may:
  - i) store the Goods until actual delivery and charge the Purchaser for the reasonable costs (including insurance) of storage; or
  - ii) sell the Goods at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) account to the Purchaser for the excess over the price under the Contract or charge the Purchaser for any shortfall below the price under the Contract.

## 8. RISK AND PROPERTY

- (a) Risk of damage to or loss of the Goods shall pass to the Purchaser;
- i) in the case of Goods to be delivered at the Seller's premises, at the time when the Seller notifies the Purchaser that the Goods are available for collection; or
- ii) in the case of Goods to be delivered otherwise than at the Seller's premises, at the time of delivery or, if the Purchaser wrongfully fails to take delivery of the Goods, the time when the Seller has tendered delivery of the Goods.
- (b) Notwithstanding delivery and the passing of risk in the Goods or any other provision of these Conditions, the property in the Goods shall not pass to the Purchaser until the Seller has received in cash or cleared funds payment in full of the price of the Goods and all other goods agreed to be sold by the Seller to the Purchaser for which payment is then due.
- (c) Until such time as the property in the Goods passes to the Purchaser, the Purchaser shall hold the Goods as the Seller's fiduciary agent and bailee, and shall keep the Goods separate of those of the Purchaser and third parties and properly stored, protected and insured and identified as the Seller's property. Until that time the Purchaser shall be entitled to resell or use the Goods in the ordinary course of its business, but shall account to the Seller for the proceeds of sale or otherwise of the Goods, whether tangible or intangible, including insurance proceeds and shall keep all such proceeds separate from any monies or property of the Purchaser and third parties and, in the case of tangible proceeds, properly stored, protected and insured.
- (d) Until such time as the property in the Goods passes to the Purchaser (provided the goods are still in existence and have not been resold) the Seller shall be entitled at any time to require the Purchaser to deliver up the Goods to the Seller and, if the Purchaser fails to do so forthwith, to enter upon any of the premises of the Purchaser or any third party where the Goods are stored and repossess the Goods.
- (e) The Purchaser shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the Goods which remain the property of the Seller, but if the Purchaser does so all monies owing by the Purchaser to the Seller shall (without prejudice to any other right or remedy of the Seller) forthwith become due and payable.

## 9. TERMS OF PAYMENT

- (a) Payment of invoices shall be made without any deduction or set off in cash so as to be received by the Seller not later than the last day of the month following the month of delivery of the Goods, unless otherwise agreed in writing. Interest shall be payable on overdue accounts at the rate of two per cent (2%) per month to run from the due date for payment thereof until receipt by the Seller of the full amount whether or not after judgement. The time of payment for the Goods shall be of the essence of the Contract.
- (b) If in the case of the Contract or any order involving more than one delivery default is made in payment on the due date the Seller shall have the right to suspend all or any further deliveries pending payment or to terminate the Contract in its entirety by notice in writing to the Purchaser.

## 10. LIABILITY

- (a) The Seller shall not be liable to the Purchaser:
  - i) for shortages of quantity delivered unless the Purchaser notifies the Seller of any claim for short delivery within fourteen days of receipt of the Goods.
  - ii) for damage to or loss of the Goods or any part thereof in transit (where the Goods are carried by the Seller's own transport or by a carrier on behalf of the Seller) unless the Purchaser shall notify the Seller of any such claim within fourteen days of receipt of the Goods or the scheduled date of delivery whichever shall be earlier.
  - iii) in respect of any defect in the Goods arising from fair wear and tear, wilful damage, negligence, abnormal working conditions, failure to follow the Seller's instructions (whether oral or in writing), misuse or alteration or repair of the Goods without the Seller's approval.
- (b) Subject as expressly provided in these Conditions, and except where the Goods are sold to a person dealing as a consumer (within the meaning of the Unfair Contract Terms Act 1977), all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.
- (c) Any claim by the Purchaser which is based on any defect in the quality or conditions of the Goods or their failure to correspond with specifications shall (whether or not delivery is refused by the Purchaser) be notified to the Seller within seven days from the date of delivery or (where the defect or failure was not apparent on reasonable inspection) within a reasonable time after discovery of the defect or failure. If delivery is not refused, and the Purchaser does not notify the Seller accordingly, the Purchaser shall not be entitled to reject the Goods and the Seller shall have no liability for such defect or failure and the Purchaser shall be bound to pay the price as if the Goods have been delivered in accordance with the Contract.
- (d) Where any valid claim in respect of any of the Goods which is based on any defect in the quality or condition of the Goods or their failure to meet specifications is notified to the Seller in accordance with these Conditions, the Seller shall be entitled to replace the Goods (or the part in question) free of charge or, at the Seller's sole discretion, refund to the Purchaser the price of the Goods (or a proportionate part of the price) but the Seller shall have no further liability to the Purchaser.
- (e) Except in respect of death or personal injury caused by the Seller's negligence, the Seller shall not be liable to the Purchaser by reason of any representation, or any implied warranty, condition or other term, or any duty, at common law, or under the express terms of the Contract, for any consequential loss or damage (whether for loss of profit or otherwise), costs, expenses or other claims for consequential compensation whatsoever (and whether caused by the negligence of the Seller, its suppliers or agents or otherwise) which arise out of or in connection with the supply of the Goods or their use or resale by the Purchaser, except as expressly provided in these conditions.

## 11. THIRD PARTY RIGHTS

- (a) The Purchaser shall indemnify the Seller against any and all claims, costs, demands and expenses incurred by or made against the Seller as a direct or indirect result of the carrying out of any work required to be done on or to the Goods in accordance with the requirements or specifications of the Purchaser involving any infringement or claim of infringement or industrial property right vested in any third party.
- (b) In any case where the Goods are or are capable of becoming the subject of any industrial or intellectual property right of any third party the Seller warrants that it shall transfer to the Purchaser only such title as it may have to the Goods.

## 12. FORCE MAJEURE

- (a) The Seller shall not be liable to the Purchaser for any loss or damage which may be suffered by the Purchaser as a direct or indirect result of the Seller being prevented, hindered or delayed in the performance of its obligations under the Contract by reasons of any force majeure circumstances.
- (b) In this Condition "force majeure circumstances" shall mean any Act of God, war, riot, strike, lock out, trade dispute or labour disturbance, epidemic, accident, breakdown of plant or machinery, fire, explosion, flood, drought, government action, difficulty in obtaining workmen, materials or transport or other circumstances whatsoever outside the control of the Seller affecting the provision of the Goods and services hereunder or of materials therefor by the Seller's usual source of supply or the manufacture of the Goods by the Seller's normal means of delivery of the Goods by the Seller's normal route or means of delivery.

## 13. INSOLVENCY OF PURCHASER

- (a) This clause applies if:
  - i) the Purchaser makes any voluntary arrangement with its creditors or becomes subject to an administration order or (being an individual or firm) becomes bankrupt or (being a company) goes into liquidation (otherwise than for the purposes of amalgamation or reconstruction); or
  - ii) an encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Purchaser; or
  - iii) the Purchaser ceases to or threatens to cease, to carry on business; or
  - iv) the Seller reasonably apprehends any of the events mentioned above is about to occur in relation to the Purchaser and notifies the Purchaser accordingly.

- (b) If this clause applies, then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the Contract or suspend any further deliveries under the Contract without any liability to the Purchaser, and if the Goods have been delivered but not paid for the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

## 14. GENERAL

- (a) The failure on the part of the Seller to exercise or enforce any rights conferred by the Contract shall not be deemed to be a waiver of any such right nor operate so as to bar the exercise or enforcement thereof at any time or times thereafter.
- (b) Any notice required or permitted to be given by either party to the other under these Conditions shall be in Writing addressed to that other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving the notice.
- (c) Headings to any of these Conditions are included to facilitate reference only and shall not affect the construction thereof.
- (d) The Contract shall be governed by and construed and interpreted in accordance with the laws of England and for the purpose of settlement of any dispute arising out of or in connection with the Contract the parties hereby submit themselves to the jurisdiction of the English courts.
- (e) If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part in the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected thereby.

## 15. DATA PROTECTION

Your data will be used by All Print Supplies Ltd. only for research and analysis purposes and to advise you of products, services and special promotions. You may ask us for details of the personal data that we hold on you and can require us to correct it if appropriate. If you prefer not to receive direct marketing communications please tick the relevant box: By post  By telephone  By fax  By email





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