

# THE ESSENTIAL ABC GUIDE TO DIGITAL PRINT MEDIA

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William Smith



# DIGITAL PRINT MEDIA ESSENTIALS GUIDE

## William Smith

As part of William Smith Group 1832, we are one of the UK's leading distributors of self-adhesive materials and associated accessories to the sign, graphics and building interiors industries.

We place high standards on everything we do. As a trade-only company, we understand our customers and respect their business.

## Digital Print Media Essentials Guide

We offer a choice of leading brands available to meet all your digital printing needs whatever your budget; 3M, Avery Dennison, Arlon, Contra Vision, Cover Styl' and VION. Our vast stock levels and extensive range of films are available to order for next day delivery. It's as easy as ABC!

Whether you need a short term product for promotional use, or a long term graphic application, we can help find the right film for you. From conformable cast options for vehicle wraps or calendered films for flat panel applications, to specialist products for banners, windows, floor graphics or screen printing.

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### OPENING HOURS

8am - 6pm Monday to Friday with same day despatch available on orders received before 6pm. Order online 24 hours a day

### ONLINE ORDERING

Material is available to order online 24 hours a day.

### MORE CHOICE

A wide range of 3M, Arlon, Contra Vision, Avery and VION films available to you.

### PERSONABLE SERVICE

You will speak to an individual who will advise you about the right product. Not an automated system.

### EXTENSIVE CHOICE

Short lead times from suppliers for specialist films not held in stock.

### PROMOTIONAL OFFERS

Great discounts available throughout the year. Visit our website [www.williamsmith.co.uk](http://www.williamsmith.co.uk) for the latest information.



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SHORT  
TERM

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# MONOMERIC CALENDERED DIGITAL PRINTING FILMS

## VION. VP3000 Series

A lower cost solution for short term graphics. This monomeric calendered digital printing film is suitable for short-term applications on to flat and slightly curved surfaces, inside and out, with up to 5 years unprinted durability (up to 3 years printed).

Available in a choice of white or transparent with gloss or matt finish, grey or clear permanent, removable or high tack adhesive. V-flow air release has been added to the range.

### Key Features:

- High quality clean white face film
- Superb printability
- Heavy duty liner offers excellent stability and layflat
- Solvent based adhesive

### Products:

VP3000-01 Gloss White  
VP3000-02 Gloss White Grey  
VP3000-02R Gloss White Grey Removable  
VP3000-02VF Gloss White Grey V-Flow  
VP3000-05 Gloss Transparent  
VP3000-12R Matt White Grey Removable  
VP3000-15 Matt Transparent  
VP3900-12HT Matt White High Tack

### Available Sizes:

1372mm x 25m, 1372mm x 50m, 1524mm x 25m, 1524mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Promotional Signage, Short-term Vehicle Graphics
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 5 years
Surface Type	Flat, Simple Curves
Adhesive Type	Pressure-sensitive
Adhesive Colour	Grey, Clear
Removability	Permanent, Removable
Surface Finish	Gloss, Matt
Thickness (film)	80-100 µm
Usage	Internal, External

### Recommended Overlamine:

VP3000-05 Gloss Clear / VP3000-15 Matt Clear

## 3M™ Scotchcal™ Graphic Film Series IJ20

2 year monomeric calendered digital printing film, suitable for short term promotional applications on to flat surfaces. Available in gloss white finish with a removable, grey pigmented, pressure sensitive adhesive for excellent hiding power.

### Key Features:

- For flat applications
- Removable adhesive

### Products:

IJ20-10R Gloss White Removable  
IJ20-114R Gloss Transparent Removable  
IJ20-124R Matt Transparent Removable

### Available Sizes:

762mm x 50m, 1372mm x 50m, 1524mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Buildings, Displays, Opaque Signs, Public Transport, Windows, Vehicles
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 2 years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Grey
Removability	Removable
Surface Finish	Gloss
Thickness (film)	80 µm
Usage	Internal, External

### Recommended Overlamine:

IJ20-114R Gloss / IJ20-124R Matt



# MONOMERIC CALENDERED DIGITAL PRINTING FILMS

## **AVERY DENNISON MPI 3000 Series**

A market leading monomeric calendered digital printing film with a permanent adhesive. Suitable for a wide range of short term signage and promotional applications on to flat surfaces e.g. window graphics and temporary POS applications.

MPI 3001 Series value range offers a cost effective solution for short term large promotional graphics with longer viewing distances. MPI 3026 Supertack is designed for slightly structured and demanding apolar substrates e.g. polyethylene and polypropylene. It's adhesive is ideal for indoor wall graphics.

### Key Features:

- For flat surfaces
- Excellent printability
- Flexible sizes

### Products:

MPI 3000 Gloss White  
MPI 3001 Gloss White Removable  
MPI 3003 Opaque Gloss White  
MPI 3020 Matt White  
MPI 3021 Matt White Removable  
MPI 3026 Matt White Supertack  
MPI 3040 Gloss Transparent  
MPI 3041 Gloss Transparent Removable  
MPI 3151 Translucent White Removable

### Available Sizes:

1370mm x 50m, 1520mm x 50m, 1600mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Short-term Promotional Graphics
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 2 years
Surface Type	Flat
Adhesive Type	Acrylic-based
Adhesive Colour	Grey, Clear
Removability	Permanent, Removable
Surface Finish	Gloss, Matt
Thickness (film)	80-95 µm
Usage	Internal, External

### Recommended Overlamine:

DOL 3000 Gloss / DOL 3460 Gloss / DOL 3480 Matt

## **AVERY DENNISON MPI 3000 HOP Series**

Avery Dennison MPI 3000 HOP Series is a range of monomeric, gloss white, self-adhesive vinyls that are perfectly suited for short term applications onto flat surfaces including POS displays and advertising signage. These market-leading products feature high opacity properties and offer excellent printability across solvent, eco-solvent, UV, and latex printers.

### Key Features:

- Easy cutting and application on a wide variety of substrates
- Excellent for indoor and outdoor promotional graphics
- High Opacity Films

### Products:

MPI 3000 HOP Gloss White High Opacity  
MPI 3001 HOP Gloss White High Opacity Removable  
MPI 3020 HOP Matt White High Opacity  
MPI 3021 HOP Matt White High Opacity Removable  
MPI 3004 HOP EA Gloss White High Opacity EA Removable  
MPI 3024 HOP EA Matt White High Opacity EA

### Available Sizes:

1370mm x 50m, 1520mm x 50m, 1600mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Short-term Promotional Graphics
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 2 years
Surface Type	Flat
Adhesive Type	Acrylic-based
Adhesive Colour	Clear
Removability	Permanent, Removable
Surface Finish	Gloss, Matt
Thickness (film)	95 µm
Usage	Internal, External

### Recommended Overlamine:

DOL 3000 Gloss / DOL 3460 Gloss

# MONOMERIC CALENDERED DIGITAL PRINTING FILMS



## MPI 3601 Quick Mount Film Series

Monomeric calendered removable digital print film for overposting. New MPI 3601 Quick Mount Film Series is ideal for a wider range of both indoor and outdoor promotional and advertising applications including billboards, indoor point of sale promotions, exhibition interior and exterior graphics, panels and posters where over posting and ease of application is required.

### Key Features:

- Gloss and matt finishes available
- Excellent printability
- Available in 1.6m rolls
- 150 micron film for ease of handling and application

### Products:

MPI 3601 Gloss White Removable

MPI 3621 Matt White Removable

### Available Sizes:

1220mm x 50m, 1372mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Overposting, Short-term Promotional Graphics
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 3 years
Surface Type	Flat
Adhesive Type	Acrylic-based
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Gloss, Matt
Thickness (film)	150 µm
Usage	Internal, External

### Recommended Overlamine:

DOL 3000 Gloss / DOL 3100 Matt / DOL 3200 Lustre



## Dot Series

A 1 year monomeric digital print film with special dotted adhesive which ensures simple and fast applications, making them faster to install than standard air egress materials.

The range offers excellent printability making it perfect for short term promotional and display graphics and is also suitable for glass applications.

### Key Features:

- Monomeric Calendered PVC
- 1 year durability
- Internal use
- 120 Micron
- Removable, clear adhesive

### Products:

MPI 3021 Dot Matt White Removable

MPI 3041 Dot Matt Clear Removable

### Available Sizes:

1050mm/1370mm/1520mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Point of Sale Promotion, Short-term Signage
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 1 years
Surface Type	Flat
Adhesive Type	Acrylic-based
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Matt, Transparent
Thickness (film)	120 µm
Usage	Internal

# MONOMERIC CALENDERED DIGITAL PRINTING FILMS



## DPF 510

A 3 year monomeric calendered gloss film with a clear, solvent-based pressure-sensitive adhesive. The two-sided, lay-flat poly coated liner assures that the vinyl will not curl under heavy heat from printers, also making your graphic easier to handle and install.

DPF 510G delivers a vibrant print quality at an unbeatable value for your short-term permanent applications and is compatible with Eco-Solvent, Solvent and Latex inks.

### Key Features:

- For short term promotional and display graphics
- Ideal for interior and exterior applications
- Up to 3 years durability

### Products:

DPF 510G Gloss White

### Available Sizes:

1372mm x 45.72



Application Temperature (Celsius)	+ 10 °C minimum
Applications	POP Displays, Kiosks
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 3 years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	80 µm
Usage	Internal, External

Recommended Overlamine: 3510 Gloss





# INTER MEDIATE

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# POLYMERIC CALENDERED DIGITAL PRINTING FILMS

## VION. VP5000 Series

This best seller is a great all round multi-purpose film for consistently great prints.

A 7 year unprinted (up to 5 years printed) polymeric calendered gloss or matt digital printing film, suitable for intermediate applications on to flat surfaces. Available in gloss white with a grey or clear, permanent adhesive and optional V Flow air release. Now also available with high tack adhesive, ideal for application to low energy surfaces.

### Key Features:

- High quality clean white face film
- Superb printability with printer profiles available
- Heavy duty liner offers excellent stability and layflat

### Products:

VP5100-01 Gloss White Clear  
VP5100-02 Gloss White Grey  
VP5100-02 VF Gloss White V Flow  
VP5100-05 Gloss Transparent Clear  
VP5100-15 Matt Transparent Clear  
VP5900-02 HT Gloss White High Tack

### Available Sizes:

1372mm x 10m, 1524mm x 10m  
1372mm x 25m, 1524mm x 25m  
1372mm x 50m, 1524mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Signage, Fleet, Interior Decoration
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Simple Curves
Adhesive Type	Pressure-sensitive, Air Release (optional), High Tack (optional)
Adhesive Colour	Grey, Clear
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	75 µm
Usage	Internal, External

### Recommended Overlamine:

VP5100-05 Gloss / VP5100-15 Matt

## 3M™ Scotchcal™ Graphic Film Series IJ35

6 year polymeric calendered digital printing film with a permanent, pressure sensitive adhesive.

Create eye-catching graphics with this polymeric, calendered digital print film. Adhering to flat and simple curves, it is ideal for signage applications, promotional graphics, trucks, busses, and more.

IJ35 features a strong adhesive, combining both pressure sensitivity and 3M's highly reputable Comply™ air release technology, making for a smoother application process.

Available with either a Gloss or Matt finish, it is suitable for Solvent, UV, Latex inkjet printing, and screen printing.

### Key Features:

- Comply™ Air Release Technology
- For flat and simple curved applications
- Grey, permanent and air release technology

### Products:

IJ35-10 Gloss White Grey  
IJ35-20 Matt White Grey  
IJ35C-10 Gloss White Comply  
IJ35C-20 Matt White Comply

### Available Sizes:

1372mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Promotional Graphics, Signs, Vehicles (flat), Pop Displays
Film Type	Polymeric Calendered
Max. Durability Unprinted	6 years
Surface Type	Flat, Simple Curves
Adhesive Type	Pressure-Sensitive with Comply™ Air Release Technology
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss, Matt
Thickness (film)	100 µm
Usage	Internal, External

### Recommended Overlamine:

8038G Gloss / 8510M Matt



# POLYMERIC CALENDERED DIGITAL PRINTING FILMS

## 3M™ Scotchcal™ Graphic Film Series IJ40

5 year polymeric calendered digital printing film with a permanent, pressure sensitive adhesive.

The white films have a grey pigmented adhesive for excellent hiding power, with the exception of IJ40-10T with clear permanent adhesive. Suitable for application on to flat and simple curved surfaces. The entire range offers quality films for multiple applications. New 40C films feature Controltac repositionable pressure activated adhesive and Comply air release for easy bubble free application.

### Key Features:

- Now with optional Controltac repositionable adhesive
- For flat and simple curved applications
- Grey, clear, permanent, removable and air release adhesives

### Products:

IJ40-10 Gloss White Grey  
IJ40-10R Gloss White Removable  
IJ40-10T Gloss White Clear  
IJ40-20R Matt White Removable  
IJ40-114 Gloss Transparent  
IJ40-124 Matt Transparent  
IJ40-124R Matt Transparent Removable  
40C-10 Gloss White Comply  
40C-10R Gloss White Removable Comply

### Available Sizes:

762mm x 50m, 1372mm x 50m, 1524mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Buildings, Displays, Opaque Signs, Public Transport, Windows, Vehicles
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 5-7 years
Surface Type	Flat, Simple Curves
Adhesive Type	Pressure-sensitive, Controltac (optional), Comply Air Release (optional)
Adhesive Colour	Grey, Clear
Removability	Removable with heat
Surface Finish	Gloss, Matt
Thickness (film)	75 µm
Usage	Internal, External

**Recommended Overlamine:**  
8038G Gloss / 8040M Matt

3M

## 3M™ Controltac™ Print Film Series 160

A matt white polymeric calendered film with a removable, grey pigmented, repositionable adhesive for easy application. Suitable for application to flat surfaces with or without rivets.

Featuring 3M's unique pressure-activated Controltac adhesive. Microscopic glass beads lie on the surface of the adhesive to enable you to slide and reposition the film over the substrate. Once in place apply firm squeegee pressure to break the beads into the adhesive to give an instant bond.

### Key Features:

- Controltac adhesive for repositionability
- Comply air channel adhesive for fast bubble free application

### Products:

IJ160-10 Matt White  
IJ160C-10 Matt White Comply

### Available Sizes:

1220mm x 50m, 1372mm x 50m



Application Temperature (Celsius)	+4°C minimum
Applications	Buildings, Labels, Opaque Signs, Public Transport, Vehicles, Walls
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 8 years
Surface Type	Flat, Rivets, Simple Curves
Adhesive Type	Controltac, Comply (optional)
Adhesive Colour	Grey
Removability	Removable with heat
Surface Finish	Matt
Thickness (film)	100 µm
Usage	External, Internal

**Recommended Overlamine:**  
8580M Matt / 8518 Gloss

3M

# POLYMERIC CALENDERED DIGITAL PRINTING FILMS

## **AVERY DENNISON MPI 2000 Series**

A range of premium polymeric and polymeric calendered digital printing films for medium term applications.

These versatile films can be applied to various flat and simple curved surfaces. Ideal for flat panel vehicle graphics, window graphics, medium term advertising and signage. Option available with Easy Apply, Repositionable and Repositionable Slideable adhesive feature to suit all applications.

### Key Features:

- Versatile range for multiple applications
- For flat and simple curves
- Optional Easy Apply adhesive

### Products:

MPI 2000 Gloss White  
MPI 2001 Gloss White Removable  
MPI 2002 Opaque Gloss White Removable  
MPI 2003 Opaque Gloss White Repositionable  
MPI 2005 EA RS Gloss White Easy Apply - Repositionable Slideable  
MPI 2020 Matt White  
MPI 2040 Transparent Gloss Clear  
MPI 2041 Transparent Gloss Clear Removable  
MPI 2150 Translucent Lustre

### Available Sizes:

1370mm x 50m, 1520mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Buildings, Displays, Opaque Signs, Windows, Vehicles
Film Type	Premium / Polymeric Calendered
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Simple Curves
Adhesive Type	Acrylic-based Repositionable (optional) Air Release (optional)
Adhesive Colour	Grey, Clear
Removability	Permanent, Removable
Surface Finish	Gloss, Matt
Thickness (film)	80 µm
Usage	Internal, External

### Recommended Overlamine:

DOL 2460 Gloss / DOL 2480 Matt / DOL 2200 Lustre

## **AVERY DENNISON MPI 2000 HOP Series**

Avery Dennison High Opacity self-adhesive premium polymeric calendered digital print films are suitable for a full range of flat and slightly curved surfaces. The vinyl's offer high opacity gloss and a choice of permanent or removable adhesives.

Opacity above 99% means you can use clear adhesive with any application. The film offers good printability and attractive whiteness levels and excellent durability, making it a great solution for a wide range of medium-term applications.

### Key Features:

- High Opacity
- Permanent and removable adhesive options
- For flat and simple curves

### Products:

MPI 2000 HOP Gloss White High Opacity  
MPI 2001 HOP Gloss White Removable High Opacity  
MPI 2004 HOP EA Gloss White High Opacity Easy Apply  
MPI 2006 HOP Hi-Tack Gloss White High Opacity

### Available Sizes:

1370mm x 50m, 1520mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Displays, Signs, Windows, Vehicles
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Simple Curves
Adhesive Type	Acrylic based
Adhesive Colour	Clear
Removability	Permanent, Removable
Surface Finish	Gloss
Thickness (film)	80 µm
Usage	Internal, External

### Recommended Overlamine:

DOL 2460 Gloss / DOL 2470 Lustre / DOL 2480 Matt

# POLYMERIC CALENDERED DIGITAL PRINTING FILMS

## **AVERY DENNISON MPI 2800 Series**

Extended range of premium polymeric calendered digital printing films for medium term applications with MPI 2800 representing a cost effective option.

Suitable for various flat and simple curved surfaces on vehicle graphics, window graphics, medium term advertising and signage.

Options available for blockout and transparent applications, with Easy Apply, Repositionable and Repositionable Slideable adhesive features to suit all applications.

### Key Features:

- Excellent price/performance for outdoor promotional graphics
- For temporary promotional and point of sales advertising
- High gloss finish

### Products:

MPI 2800 Gloss White  
MPI 2801 Gloss White Removable  
MPI 2802 Opaque Gloss White Removable Blockout  
MPI 2803 Opaque Gloss White Permanent Blockout  
MPI 2804 EA Gloss White Easy Apply

### Available Sizes:

1370mm x 50m, 1520mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Buildings, Displays, Opaque Signs, Windows, Vehicles
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Simple Curves
Adhesive Type	Acrylic-based Air Release (optional)
Adhesive Colour	Grey, Clear
Removability	Permanent, Removable
Surface Finish	Gloss
Thickness (film)	75-80 µm
Usage	Internal, External

**Recommended Overlamine:**  
DOL 2860 Gloss / DOL 2880 Matt

## **AVERY DENNISON MPI 2800 HOP Series**

Avery Dennison MPI 2800 HOP Series is a gloss white, polymeric self-adhesive vinyl which provides a cost-effective solution with a high-performance output.

This versatile film is ideal for several surface and application types, including fleet graphics, architectural interior and exterior signage, POS displays, and window decorations.

In addition to the surface type versatility, it is also compatible with eco-solvent, UV, and latex inks, and because of the high opacity properties within the film, once printed onto it achieves excellent and full colour graphics.

### Key Features:

- High Opacity
- 80 micron film available in gloss finish
- Excellent durability

### Products:

MPI 2800 HOP Gloss White Permanent High Opacity

### Available Sizes:

1370mm x 50m, 1600mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Fleet Graphics, Interior/Exterior Signage, POS Display, Window Decorations
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Simple Curves
Adhesive Type	Acrylic based
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	80 µm
Usage	Internal, External

**Recommended Overlamine:** DOL 2860 Gloss



# POLYMERIC CALENDERED DIGITAL PRINTING FILMS



## DPF 4300

4 year polymeric calendered matt digital printing film, suitable for short-term promotional applications on to flat surfaces.

DPF 4300 offers flexibility and high opacity for covering previous graphics as well as providing good resistance to scuffing, tearing and abrasion to help protect the graphics.

### Key Features:

- Matt digital printing kit
- Removable adhesive
- Up to 4 years durability

### Products:

DPF 4300 Matt White Removable

### Available Sizes:

1372mm x 45.72m



Application Temperature (Celsius)	+10°C minimum
Applications	Painted Walls, Windows, Vehicles, Decals
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 4 years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Matt
Thickness (film)	86 µm
Usage	Internal, External

### Recommended Overlamine:

3420G Gloss / 3420M Matt / 3420S Satin



## DPF 4500

5 year polymeric calendered digital printing film, suitable for intermediate applications on to flat surfaces including signage, kiosks, POP displays and estate agent signs.

The film is available in gloss and matt white or gloss clear with a choice of grey or clear permanent adhesive.

The LX Low-Profile X-Scape adhesive allows installers to achieve speedy installation while maintaining high enough tack to ensure long-term bond.

### Key Features:

- Gloss and matt digital printing film
- Grey or clear adhesive
- LX low profile air release adhesive

### Products:

DPF 4500G Gloss White Clear

DPF 4500G Clear Gloss Transparent

DPF 4500GT Gloss White Grey

DPF 4500LX Gloss White X-Scape

### Available Sizes:

762mm x 45.72m, 1372mm x 45.72m, 1524mm x 45.72m



Application Temperature (Celsius)	4500G +16°C minimum 4500LX +10°C minimum
Applications	Signage, POP Displays
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 5 years
Surface Type	Flat, Slightly Curved
Adhesive Type	Pressure-sensitive, Air Release (optional)
Adhesive Colour	Grey, Clear
Removability	Permanent
Surface Finish	Gloss, Matt
Thickness (film)	75 µm
Usage	Internal, External

### Recommended Overlamine:

3420G Gloss / 3420M Matt / 3420S Satin

# POLYMERIC CALENDERED DIGITAL PRINTING FILMS



## DPF 4550

5 year white polymeric calendered digital print film, suitable for internal and external intermediate signage and flat sided vehicles. Available in gloss and matt white with a choice of clear or light grey permanent adhesive.

With Low Profile X-Scape Technology for faster installations.

### Key Features:

- Exceptional Graphics
- Easy installation with X-Scape technology
- Tinted adhesive for added opacity

### Products:

DPF 4550G Gloss White Clear

DPF 4550GT Gloss White Grey

DPF 4550GTX Gloss White Grey X-Scape

### Available Sizes:

1370mm x 50m, 1520mm x 50m



Application Temperature (Celsius)	+15°C minimum
Applications	Flat sided vehicles, Signage, POP Displays
Max. Durability Unprinted	Up to 5 years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Grey, Clear
Removability	Permanent
Surface Finish	Gloss, Matt
Thickness (film)	70 µm
Usage	Internal, External

Recommended Overlamine: 3450



## DPF 4600LX

5 year white gloss high performance film with a grey, clean removing, repositionable adhesive. Ideal for medium-term vehicle graphics with simple to moderate curves.

The new LX low profile X-Scape Technology provides installers the benefit of a bubble-free application.

### Key Features:

- Vehicle graphics at low cost
- Industrial grade wrap film
- Grey repositionable X-Scape adhesive

### Products:

DPF 4600LX-102 Gloss White X-Scape

### Available Sizes:

1372mm x 45.72m, 1524mm x 45.72m



Application Temperature (Celsius)	+10°C minimum
Applications	Simple Vehicle Wraps, POP Displays, Signage, Window Graphics
Max. Durability Unprinted	Up to 5 years
Surface Type	Flat, Slightly Curved
Adhesive Type	Repositionable, Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	80 µm
Usage	Internal, External

Recommended Overlamine:  
3420G Gloss / 3410 Gloss

# POLYMERIC CALENDERED DIGITAL PRINTING FILMS



## Fusion Wrap

Arlon Fusion Wrap featuring FLITE Technology is a 60-micron, white gloss, high-performance polymeric film designed for fast and efficient installations for vehicle wraps and digitally printed graphics. The product of choice for cost-driven opportunities, this thin and flexible film is ideal for projects which require a short to medium term durability.

When paired with Series 3170 intermediate cast overlamine the product makes for the thinnest hybrid installation.

### Key Features:

- Thin, flexible, high-performance polymeric film
- Ideal for vehicle wraps and graphics with simple to moderate curves
- FLITE Technology for fast and effective installations

### Products:

Fusion Wrap Gloss White with FLITE Technology

### Available Sizes:

1370mm x 50m, 1520mm x 50m



Application Temperature (Celsius)	15°C minimum
Applications	Vehicles
Film Type	Polymeric
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat to moderate curves
Adhesive Type	Repositionable with Low Profile FLITE Technology
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	60 µm
Usage	External

Recommended Overlamine: 3170 Gloss

# ENVISION DIGITAL PRINTING FILMS

## 3M™ Envision™ Print Film Series 48

Envision non-PVC films are extremely versatile, designed for indoor and outdoor signs and fleet graphics. 3M Envision Print Film 48 is suitable for latex, solvent and UV printers, with a 5 year durability. Available with or without Controltac and Comply adhesives.

Controltac technology allows you to slide and reposition the graphic before activating the adhesive for perfect results, whilst the Comply non-visible air channels enable fast and bubble free application.

### Key Features:

- Non PVC environmentally friendly film
- Optional Controltac repositionable and Comply air release adhesive
- Suitable for signs and fleet graphics

### Products:

48-20 Matt White  
48-20R Matt White Removable  
48C-20 Matt White Comply  
48C-20R Matt White Removable Comply

### Available Sizes:

1372mm x 50m



Application Temperature (Celsius)	+4°C minimum
Applications	Buildings, Displays, Opaque Signs, Public Transport, Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 5 years
Surface Type	Flat, Simple Curves, Corrugations, Rivets
Adhesive Type	Pressure-sensitive, Comply v3 Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

Recommended Overlamine: 8048G Gloss







# CAST DIGITAL PRINTING FILMS

## 3M™ Scotchcal™ Graphic Film Series IJ170

A value cast 50 micron film with a pigmented grey adhesive for excellent hiding power. For digital print applications on to flat or moderately curved surfaces for car wraps and single step, shallow recessed van wraps.

Featuring Comply v3 adhesive with non-visible air channels to offer the ultimate air release technology for fast and bubble free application. IJ170Cv3 features a low tack adhesive for easy repositionable application.

### Key Features:

- For flat or moderately curved surfaces
- Comply v3 air release adhesive for bubble free application
- Excellent hiding power and opacity

### Products:

IJ170-10Cv3 Gloss White Comply

### Available Sizes:

1372mm x 25m, 1372mm x 50m, 1524mm x 50m



Application Temperature (Celsius)	+4°C minimum
Applications	Buildings, Displays, Opaque Signs, Public Transport, Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 8 years
Surface Type	Flat, Simple Curves, Corrugations, Rivets
Adhesive Type	Pressure-sensitive, Comply v3 Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

Recommended Overlamine: 8518 Gloss

## 3M™ Controltac™ Graphic Film IJ180

3M Graphic Film IJ180 is a 50 micron, 5 year durability, cast film with a grey pigmented, positionable adhesive for easy application. It is suitable for applications onto flat and corrugated surfaces, with or without rivets.

This long-term durable and removable film has excellent hiding power and stability, making it perfect for buildings, opaque signs, public transport, trucks and trailers, cars and vans and watercraft (above the static waterline). It is removed easily with heat.

### Key Features:

- Cast PVC
- 5 year durability
- Grey, permanent adhesive

### Products:

IJ180-10 Gloss White

### Available Sizes:

1372mm x 50m



Application Temperature (Celsius)	+4°C minimum
Applications	Vehicles, Buildings, Displays, Signs and Public Transport
Film Type	Cast
Max. Durability Unprinted	Up to 5 years
Surface Type	Flat, Simple Curves, Compound Curves, Corrugations, Rivets
Adhesive Type	Repositionable, Pressure Activated
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

Recommended Overlamine: 8518 Gloss

# CAST DIGITAL PRINTING FILMS

## 3M™ Print Wrap Film IJ180mC

A premium cast digital print wrap film available with micro Comply™ technology, suitable for many applications on to flat, curved and corrugated surfaces with or without rivets. It is suitable for public transport and private or commercial vehicles.

Combining Contoltac and various Comply adhesives for ultimate repositionability and air release. Contoltac technology allows you to slide and reposition the graphic before activating the adhesive, whilst Comply air release channels enable fast and bubble free application.

### Key Features:

- Repositionable with great slideability
- Comply Adhesive with micro technology
- Low Surface, Stainless Steel and Ultra Removable options

### Products:

IJ180mC-10 Gloss White Micro Comply  
IJ180mC-10 LSE Gloss White Micro Comply (Low Surface)  
IJ180mC-10 SLS Gloss White Micro Comply (Stainless Steel)  
IJ180mC-10 UR Gloss White Micro Comply (Ultra Removable)  
IJ180mC-114 Gloss Clear Micro Comply  
IJ180mC-120 Metallic Micro Comply

### Available Sizes:

1220mm x 50m, 1372mm x 25m / 50m, 1520mm x 50m



Application Temperature (Celsius)	+4°C minimum
Applications	Vehicles, Buildings, Displays, Signs and Public Transport
Film Type	Cast
Max. Durability Unprinted	Up to 10 years
Surface Type	Flat, Simple Curves, Compound Curves, Corrugations, Rivets
Adhesive Type	Repositionable with Micro Comply
Adhesive Colour	Grey, Clear
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

### Recommended Overlamine:

8548G Gloss / 8518 Gloss / 8520 Matt / 8550M Matt

## 3M™ Scotchlite™ Print Wrap Film 780mC

New 3M Scotchlite Print Wrap Film 780mC is a white, printable, reflective film. Highly conformable and repositionable for easier installs, suitable applications include vehicle wraps, internal and external signs and textured walls.

Featuring 3M's Contoltac and Comply technology with air release channels allowing fast and easy, bubble-free application. Suitable for flat to compound curved, rivets and corrugation.

### Key Features:

- Highly conformable and repositionable for easier installs
- Excellent retro reflectivity at wider viewing angles
- Comply adhesive with micro technology provides efficient installation and easier removal

### Products:

780mC-10R White Reflective Removable

### Available Sizes:

1220mm x 22.86m, 1220mm x 45.72m



Application Temperature (Celsius)	+4°C minimum
Applications	Buildings, Displays, Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 9 years
Surface Type	Flat, Simple Curves, Rivets, Corrugated Surfaces
Adhesive Type	Contoltac, Pressure Sensitive, Micro Comply
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	165 µm
Usage	Internal, External

### Recommended Overlamine:

8518 Gloss / 8548G Gloss

# CAST DIGITAL PRINTING FILMS



## SLX Cast Wrap Film

Premium cast digital print film with FLITE Technology is designed for full and partial vehicle and fleet applications. This film allows for a fast install, conforming around rivets, complex curves and deep channels with ease.

FLITE Technology is a lite contact system allowing graphics to float over a substrate until firm pressure is applied. SLX Cast Wrap has a tinted, permanent pressure-sensitive adhesive providing excellent opacity.

### Key Features:

- Ideal for full or partial vehicle and fleet wraps
- Fast, easy application
- Vibrant and reliable print quality

### Products:

SLX Gloss White Flite Technology

### Available Sizes:

1370mm x 45.72m, 1520mm x 45.72m



Application Temperature (Celsius)	+4°C minimum + 15°C on compound curves
Applications	Fleet Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 10 years
Surface Type	Rivets, Complex Curves, Deep Channels
Adhesive Type	Repositional, Air Release, Low Profile FLITE Technology
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	External

### Recommended Overlamine:

3270 Gloss / 3270M Matt / 3220M Matt



## SLX+

Premium digital print film designed for full and partial vehicle wraps and fleet applications, SLX+ with FLITE Technology features an optimal initial tack to ensure high repositionability with quick anchoring and build a strong bond while removing clean at the end of the wrap life.

The optimized performance improves all-weather application and cutting and weeding, while maintaining a high conformability in complex areas such as rivets and deep channels.

SLX+ has a tinted, permanent pressure-sensitive adhesive with a low profile air egress liner that aids in easy installation and provides a smooth finish.

### Key Features:

- Fast adhesive bond
- Highly conformable
- Featuring FLITE Technology

### Products:

SLX+ Gloss White Flite Technology and Fast Adhesive Bond

### Available Sizes:

1370mm x 45.72m, 1520mm x 45.72m



Application Temperature (Celsius)	10°C to 38°C
Applications	Fleet, Vehicle Wrap, Partial Vehicle Graphics
Film Type	Cast
Max. Durability Unprinted	Up to 10 years
Surface Type	Rivets, Complex Curves, Deep Channels
Adhesive Type	Repositionable
Adhesive Colour	Grey
Removability	Removable
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	External

### Recommended Overlamine:

3210G Gloss / 3220M Matt



# CAST DIGITAL PRINTING FILMS



## DPF 6000 Series

A premium cast 50 micron gloss white digital film with tinted, permanent, pressure-sensitive adhesive for excellent hiding power. X-Scape air release adhesive optional. Conformable on the most difficult recessed areas.

The low tack repositionable adhesive system is designed to provide excellent opacity, as well as easy installation. The film provides superior conformability around rivets, curves, and contours. The X-Scape air channel version speeds up application, while maintaining high enough tack to ensure a long term bond.

### Key Features:

- Conformable on the most recessed areas
- Repositionable and X-Scape adhesive for even faster application
- Excellent hiding power and opacity

### Products:

DPF 6000RP	Gloss White
DPF 6000RP Clear	Gloss White Clear
DPF 6000XRP	Gloss White X-Scape

### Available Sizes:

1372mm x 45.72m, 1524mm x 45.72m



Application Temperature (Celsius)	+4°C minimum
Applications	Fleet Vehicles
Film Type	Cast
Max. Durability Unprinted	7-10 years
Surface Type	Flat, Rivets Curves, Contours, Channels
Adhesive Type	Repositionable, Air Release (optional), Low Profile (optional)
Adhesive Colour	Grey, Clear
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	External

### Recommended Overlamine:

3220M Matt / 3210G Gloss / 3270M Matt



## DPF 6100XLP

DPF 6100XLP has excellent opacity and easy installation thanks to its bubble releasing, clean removing pressure-sensitive adhesive.

This cast film has superior conformability around rivets, curves, contours and channels. Your most discerning vehicle and fleet wrap customer will appreciate the smooth, paint-like finish and vivid graphic printability.

Recommended applications include vehicle graphics (full and part), vehicle decals and fleet graphics.

### Key Features:

- Smooth paint like finish
- Repositionable with X-Scape adhesive for speedy applications
- Clean removing pressure sensitive adhesive

### Products:

DPF 6100XLP Gloss White Low Profile X-Scape

### Available Sizes:

1372mm x 45.72m, 1524mm x 45.72m



Application Temperature (Celsius)	+4°C minimum
Applications	Fleet Vehicles, Full and Partial Vehicle Wraps
Film Type	Cast
Max. Durability Unprinted	Up to 10 years
Surface Type	Flat, Rivets, Compound Curves, Contours, Channels
Adhesive Type	Repositionable, Low Profile
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	External

### Recommended Overlamine:

3210G Gloss / 3220M Matt

# CAST DIGITAL PRINTING FILMS



## Illuminite Wrap

White reflective digital print film with FLITE Technology. With its lite contact system, the film allows for a fast, repositionable install while maintaining the reflective quality of the film. The film easily conforms to irregular and glides over smooth surfaces, enabling graphics to be brightly displayed day and night.

### Key Features:

- For full or partial vehicle wraps
- Fast installation with FLITE Technology
- Brilliant graphics by day, luminous graphics by night

### Products:

IllumiNITE White Reflective with Flite Technology

### Available Sizes:

1220mm x 45.72m



Application Temperature (Celsius)	+10°C minimum
Applications	Fleet Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Rivets, Curves, Corrugated Surfaces
Adhesive Type	Repositionable, Air Release, FLITE Technology
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	125 µm
Usage	External

**Recommended Overlamine:**  
3220M Matt / 3210G Gloss



## MPI 1104 Cast Series

MPI™ 1104 Series cast films are gloss white, highly conformable, self-adhesive vinyls for digital printing. The films deliver great printability and image quality. As part of the new generation Digital Cast Films, they cope easily with 3D challenges such as rivets and corrugations.

The face film has been especially developed for exceptional print results on all major printer platforms using Latex, Eco-Solvent, Hard Solvent and UV-Curing inks.

Best-in-class conformability and Easy Apply technology give you outstanding performance across a wide range of indoor and outdoor applications.

### Key Features:

- Superior 3D conformability
- Repositionable adhesive for easier positioning during application
- Printable on Latex, Eco Solvent and UV

### Products:

MPI 1104 Gloss White Repositionable

MPI 1104 EA Gloss White Repositionable Easy Apply

### Available Sizes:

1370mm x 25m/50m, 1520mm x 25m/50m



Application Temperature (Celsius)	+10°C minimum
Applications	Buildings, Displays, Opaque Signs, Public Transport, Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Simple Curves, Complex Curves, Rivets, Corrugations
Adhesive Type	Repositionable, Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

**Recommended Overlamine:**  
DOL 1460 Gloss / DOL 1480 Matt



# CAST DIGITAL PRINTING FILMS



## MPI 1105 Wrapping Series

An ultra-premium cast film, MPI 1105 Supercast offers outstanding conformability on the most demanding 3D applications. It can easily cope with challenging surfaces such as rivets and corrugations making it the perfect product for many different types of applications.

With best-in-class 3D conformability, MPI1105 uses Easy Apply RS technology to ensure the same application speed as Supreme Wrapping Film. There are endless possibilities for use on the most demanding private vehicle and commercial fleet wraps.

### Key Features:

- Superb 3D conformability
- Easy Apply RS adhesive technology
- Reliable performance with long-term removability

### Products:

MPI 1105 Gloss White

MPI 1105 EA RS Gloss White Easy Apply Repositionable

### Available Sizes:

1370mm x 25m/50m, 1520mm x 25m/50m



Application Temperature (Celsius)	+10°C minimum
Applications	Buildings, Display, Signage, Public Transport, Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 10 years
Surface Type	Flat, Simple Curves, Complex Curves, Rivets, Corrugations
Adhesive Type	Acrylic Based, Repositionable, Slidable, Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

### Recommended Overlamine:

DOL 1460 Gloss / DOL 1480 Matt



## MPI 1105 Speedmaster

This premium cast digital print film is the ultimate wrapping solution, providing high performance, supreme conformability and stunning printability.

Using patented air egress technology, Speedmaster ensures the same application speed as Avery Dennison Supreme Wrapping Film.

Suitable for various application types including vehicle wraps, partial vehicle graphics, and interior and exterior decorative architectural surfaces; this multipurpose product creates outstanding graphics with excellent colour 'pop'.

### Key Features:

- Superior 3D conformability
- Repositionable adhesive for easier positioning during application
- High Gloss Finish

### Products:

MPI 1105 Speedmaster Gloss White Invisible Easy Apply Adhesive

### Available Sizes:

1370mm x 25m/50m, 1520mm x 25m/50m



Application Temperature (Celsius)	+10°C minimum
Applications	Vehicle Wraps, Partial Vehicle Graphics, Internal and External Architectural Applications
Film Type	Cast
Max. Durability Unprinted	Up to 10 years
Surface Type	Flat, Simple Curves, Complex Curves, Rivets, Corrugations
Adhesive Type	Acrylic Based, Repositionable, Slidable, Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

### Recommended Overlamine:

DOL 1460 Gloss / DOL 1480 Matt

# CAST DIGITAL PRINTING FILMS



## AVERY DENNISON MPI 1106 Cast Series

A gloss premium cast film, designed for use in demanding applications such as heavy equipment, snow vehicles, trucks and trailers.

The adhesive system on the product makes it excellent for use on low energy surface substrates such as plastics, powder coat paints, fiberglass, clear coats and painted metal surfaces.

Available with an Easy Apply™ or High-Tack adhesive. The product is compatible with latex, eco-solvent, solvent and UV inks.

### Key Features:

- Easy Apply or High Tack adhesive options
- Perfect for use on low energy surfaces
- Outstanding durability

### Products:

MPI 1106 HT Gloss White

MPI 1106 Hi-tack EA Gloss White Hi-tack Easy Apply

### Available Sizes:

1370mm x 25m



Application Temperature (Celsius)	+7-10°C minimum
Applications	Buildings, Displays, Opaque Signs, Public Transport, Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 10 years
Surface Type	Flat, Simple Curves, Complex Curves, Rivets, Corrugations
Adhesive Type	Acrylic Based, Repositionable, Slideable, Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

Recommended Overlamine: DOL 6460



AVERY DENNISON

## MPI 1405 PVC-Free Film Series

A premium, digitally printable film ideal for tough textured surfaces, including brick, cement and cinderblock. Fleet marking and vehicle wraps, which require an eco-friendly solution, can also benefit from MPI 1405, due to its improved colour saturation and better film stretch, especially around irregular shapes and curves.

### Key Features:

- Superior conformability to irregular shapes
- PVC Free
- Printable across all platforms: Latex, UV and Solvent/Eco-Solvent
- Easy repositioning and bubble free application

### Products:

MPI 1405 EA RS Gloss White PVC-free Easy-Apply Repositionable

### Available Sizes:

1370mm x 50m, 1520mm x 50m



Application Temperature (Celsius)	10°C
Applications	Vehicle wraps, fleet and textured wall
Film Type	PVC-free Polyurethane
Max. Durability Unprinted	Up to 12 years
Surface Type	Flat, Simple Curves, Complex Curves, Rivets, Corrugations
Adhesive Type	Acrylic Based, Repositionable, Slideable, Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

Recommended Overlamine: DOL 6460

# ENVISION DIGITAL PRINTING FILMS

## 3M™ Envision Print Wrap Film 480mC

Envision high-performance, non-PVC films are extremely flexible, designed for the application of large format graphics onto contours and 3D corrugations. 3M Envision Print Wrap Film LX480mC is suitable for latex, SV480mC for solvent inkjet printers.

Combining Controltac and Comply micro technology features for ultimate repositionability and air release. Controltac technology allows you to slide and reposition the graphic before activating the adhesive for perfect results, whilst the micro Comply non-visible air channels enable fast and bubble free application.

### Key Features:

- Non PVC environmentally friendly film
- Controltac repositionable and Comply v3 air release adhesive
- Suitable for vehicles, trailers, boats and textured walls
- Fast, clean removal in bigger pieces
- Super high gloss finish

### Products:

LX480mC Gloss White Micro Comply  
SV480mC Gloss White Micro Comply

### Available Sizes:

1372mm x 25m / 50m, 1524mm x 50m



Application Temperature (Celsius)	+4°C minimum +16°C on compound curves
Applications	Buildings, Opaque Signs, Public Transport, Vehicles, Textured Surfaces
Film Type	Non-PVC
Max. Durability Unprinted	Up to 12 years
Surface Type	Compound Curves, Corrugations, Flat, Rivets, Simple Curves, Textured
Adhesive Type	Controltac Pressure-activated and Comply v3 Air Release
Adhesive Colour	Grey
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

**Recommended Overlamine:**  
8548G Gloss / 8550M Matt





# SPECIAL ST

# LOW SURFACE ENERGY DIGITAL PRINTING FILMS



## DPF 8000

The ultimate premium film for hard to stick surfaces. A durable film combined with a high tack adhesive system allows you to use one film for all your difficult projects.

Use with 3960 overlaminate for motorbikes or with 3420G/3420M /3420S overlaminates for general decals and signage. For textured wall graphics, use with 3220M/3210G overlaminates and apply with heat to conform to slight contours and textures.

### Key Features:

- High tack adhesive for textured and/or low-energy surfaces
- Application in cold temperature environments

### Products:

DPF8000 Clear Gloss Clear High Tack

DPF8000-02 Satin White High Tack

### Available Sizes:

1372mm x 45.72m, 1524mm x 45.72m



Application Temperature (Celsius)	-1°C minimum DPF 8000, +16°C minimum DPF 8000 Clear
Applications	Wall Murals, ABS Plastics, Rough Surfaces, Unpainted Brick, Concrete, Stucco Walls
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Slight Curves
Adhesive Type	High-tack, Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent, Aggressive
Surface Finish	Satin
Thickness (film)	75-90 µm
Usage	Internal, External

### Recommended Overlamine:

3210G Gloss / 3220M Matt / 3420G Gloss  
3420M Matt / 3420S Satin / 3960 Gloss



## DPF 8200

A high tack 90 micron satin white, high-tensile, PVC film with aggressive, permanent pressure-sensitive adhesive.

Designed to adhere to slightly textured outdoor wall substrates such as brick, tile, and concrete, the film also has exceptional performance on low surface energy substrates such as polypropylene, polyethylene, and powder coated paints.

### Key Features:

- Designed for outdoor wall and low surface energy substrates
- Low shrink adhesive system
- Up to 7 year unprinted durability

### Products:

DPF 8200 Satin White High Tack

### Available Sizes:

1372mm x 45.72m, 1524mm x 45.72m



Application Temperature (Celsius)	+10°C minimum
Applications	Wall Graphics, Brick, Tile and Concrete
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Slight Curves
Adhesive Type	High-tack, Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Satin
Thickness (film)	90 µm
Usage	Internal, External

### Recommended Overlamine:

3210G Gloss / 3220M Matt  
3420G Gloss / 3420S Satin / 3960 Gloss



# REFLECTIVE DIGITAL PRINTING FILMS

## 3M™ Scotchlite™ Reflective Graphic Film IJ680-10

A flexible reflective digital printing film to create colourful, long term graphics for commercial vehicles. For application onto flat surfaces, with and without rivets and corrugated surfaces.

This highly durable, flexible, enclosed lens reflective printable film is designed for the production of 24 hour visibility fleet graphics and truck markings. Graphics have a similar day and night-time appearance. Also features 3M's Controltac repositionable, pressure activated adhesive to aid in large graphic application.

### Key Features:

- Cast, composite white opaque reflective film
- Controltac adhesive for repositioning during application
- For large format fleet graphics with 24 hour visibility

### Products:

IJ680-10 White Reflective

### Available Sizes:

1220mm x 45.72m, 610mm x 45.72m



Application Temperature (Celsius)	+13°C minimum
Applications	Buildings, Opaque Signs, Public Transport, Vehicles
Film Type	Cast
Max. Durability Unprinted	Up to 9 years
Surface Type	Corrugations, Flat, Rivets, Simple Curves
Adhesive Type	Repositionable, Pressure-activated
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Luster
Thickness (film)	180 µm
Usage	Internal, External

Recommended Overlamine: 8518 Gloss

# TRANSLUCENT DIGITAL PRINTING FILMS

## 3M™ Scotchcal™ Translucent Graphic Film IJ3630

A premium, matt, cast, translucent film with a clear, permanent, pressure sensitive adhesive. For application to first or second surface of plastic substrate and glass in the creation of internally illuminated signs and window graphics.

### Key Features:

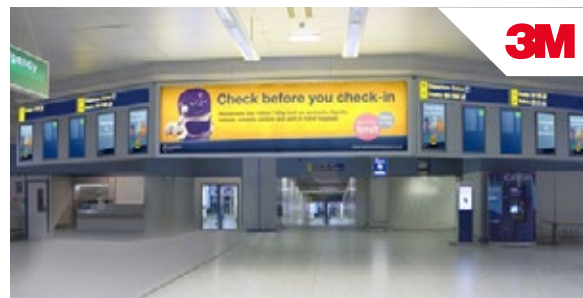
- Translucent digital print film
- Comply v3 air release adhesive
- Recommended for use with fluorescent bulbs

### Products:

IJ3630-20 White Reflective

### Available Sizes:

1372mm x 45.72m



Application Temperature (Celsius)	+16°C minimum
Applications	Illuminated Signs, Windows
Film Type	Cast
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Matt
Thickness (film)	50 µm
Usage	Internal, External

**Recommended Overlamine:**  
8515 Gloss / 8580M Matt

## 3M™ Envision™ Translucent Graphic Film IJ3730

A premium, matt, cast 50 micron translucent film with clear, permanent, pressure sensitive adhesive. Designed to work with LED light sources. They can provide the same level of brightness using fewer light sources, reducing material and maintenance costs. Or can provide more light transmission for vibrant, rich colour.

### Key Features:

- Diffuser films for use with LED illuminated signs
- Control brightness and light distribution within light boxes without hotspots
- Create custom lighting effects for backlit applications

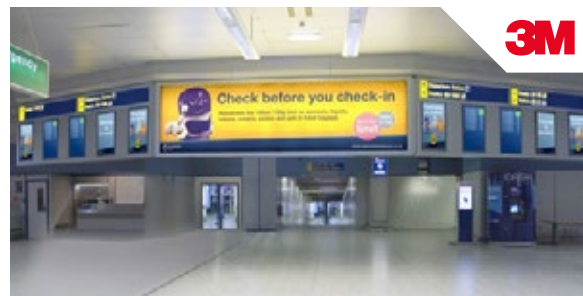
### Products:

IJ3730-50 Matt White

IJ3730-60 Matt White

### Available Sizes:

1372mm x 45.72m



Application Temperature (Celsius)	+16°C minimum
Applications	Illuminated Signs, Windows
Film Type	Cast
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Flexible Signfaces
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Matt
Thickness (film)	50 µm
Usage	Internal, External

**Recommended Overlamine:** 8518 Gloss

# TRANSLUCENT DIGITAL PRINTING FILMS



## DPF 6500 Translucent

A gloss white, cast, translucent film with permanent pressure-sensitive adhesive. Suitable for illuminated signage and backlit graphics.

### Key Features:

- Translucent digital printing film
- Screenprintable film

### Products:

DPF6500 Gloss White

### Available Sizes:

1372mm x 45.72m, 1524mm x 45.72m



Application Temperature (Celsius)	+4°C minimum
Applications	Illuminated Signs, Displays
Film Type	Cast
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

Recommended Overlamine: 3220M Matt

## 3M™ Scotchcal™ Graphic Film IJ3650

A premium cast film with a permanent, grey pigmented, pressure sensitive adhesive. This film is petroleum resistant, available in white and transparent. Suitable for application on to flat surfaces with or without rivets, with up to 10 years durability.

### Key Features:

- Petroleum resistant
- Ideal for tankers, gas stations and petrol pumps

### Products:

IJ3650-10 Gloss White

IJ3650-114 Transparent

### Available Sizes:

1372mm x 45.72m, 1220mm x 50m



Application Temperature (Celsius)	+16°C minimum
Applications	Trucks and Trailers
Film Type	Cast
Max. Durability Unprinted	Up to 10 years
Surface Type	Flat, Flat with rivets, Simple Curves
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable with heat
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	External

Recommended Overlamine: IJ3650-114

# MIRROR EFFECT DIGITAL PRINTING FILMS

## VinylEfx Indoor Decorative Series

A range of internal decorative films designed to give the appearance of metallic materials or finishes and add special effects to promotional graphics, signage and decals. With excellent lay flat properties and stability during cutting and weeding, available in a wide choice of colours.

VinylEfx Indoor Decorative series provides limited exterior durability.

### Key Features:

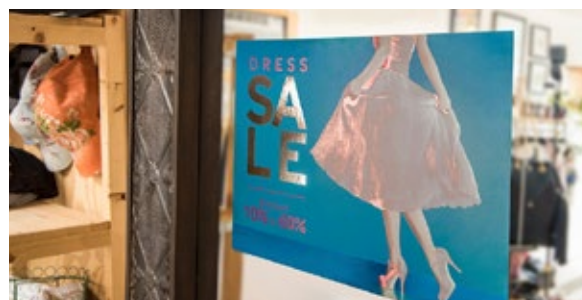
- Metalised Film
- Infinitive durability
- Internal use
- 65 micron
- Clear, permanent adhesive

### Available Sizes:

610mm x 45.7m,  
1220mm x 45.7m

### Products:

S6561 Fine Brush Satin Copper  
S6562 Fine Brush Rose Gold  
S6563 Fine Brush Champagne  
S6564 Fine Brush Bronze  
S6501 Fine Brush Silver  
S3102 Smooth Gold  
S3161 Smooth Satin Copper  
S3162 Smooth Rose Gold  
S3163 Smooth Champagne  
S3164 Smooth Bronze  
S3101 Smooth Silver  
S7901 Rainbow Brite Overall Silver



Application Temperature (Celsius)	21°C minimum
Applications	Interior Signage, Window and Promotional Graphics
Film Type	Metalised PVC
Max. Durability Unprinted	Indefinite
Surface Type	Flat, Simple Curves
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Gloss, Chrome
Thickness (film)	65 µm
Usage	Internal

## VinylEfx Outdoor Durable series

A range of printable vinyl designed to replicate the look of metallic finishes in a variety of hot-embossed, distinctive patterns for a realistic, deeper defined appearance. Perfect for signage, window and promotional graphic applications.

Suitable for flat and simple curve, smooth applications, VinylEfx Outdoor Series provides up to 3 years exterior life when edge sealed.

### Key Features:

- Metalised Film
- 3 year durability
- External use
- 65 micron
- Clear, permanent adhesive

### Available Sizes:

610mm x 10m,  
1220mm x 45.7m

### Products:

E6501 Fine Brush Silver  
E6502 Fine Brush Gold  
E6561 Fine Brush Satin Copper  
E6562 Fine Brush Rose Gold  
E6563 Fine Brush Champagne  
E6564 Fine Brush Bronze  
E3101 Smooth Silver  
E3102 Smooth Gold  
E3161 Smooth Satin Copper  
E3162 Smooth Rose Gold  
E3163 Smooth Champagne  
E3164 Smooth Bronze  
E7901 Rainbow Brite Overall Silver  
EK301 Diamond Plate Silver



Application Temperature (Celsius)	21°C minimum
Applications	Exterior Signage, Window and Promotional Graphics
Film Type	Metalised PVC
Max. Durability Unprinted	Up to 3 year
Surface Type	Flat, Simple Curves
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Gloss, Chrome
Thickness (film)	65 µm
Usage	External



# WINDOW DIGITAL PRINTING FILMS

## 3M™ Scotchcal™ Clear View Series 8150

A highly transparent optically clear printable cast film for glass applications. Unprinted areas allow perfectly clear view through the glass. Images with sophisticated details don't need contour cutting. The film enables printing of special effects like dusted/frosted by using white ink, or one-way-vision effect without using punched films. Up to 7 years durability.

### Key Features:

- Optically clear film
- Highly transparent even on unprinted areas
- Print dusted frosted or one way vision effects

### Products:

8150 Clear Gloss

### Available Sizes:

1220mm x 50m, 1524mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Cars and Vans, Public Transport, Windows
Film Type	Cast
Max. Durability Unprinted	Up to 7 years
Surface Type	Flat, Simple Curves
Adhesive Type	Pressure-sensitive
Adhesive Colour	Optically Clear
Removability	Removable without heat
Surface Finish	Gloss
Thickness (film)	50 µm
Usage	Internal, External

**Recommended Overlamine:** 8150 Gloss



## SF 100 Ultra Clear Film Series

Promotional ultra clear removable window films with a high gloss finish. Ideal for creating retail, office, POP and exhibition window graphics.

SF 100 series uses super clear film and adhesive that allows full window coverage. So, the unprinted area maintains glass clarity without the need to cut around the image – installation is fast and easy. Suitable for UV and latex printing.

### Key Features:

- High gloss finish
- Allows full glass coverage without distorting clarity in unprinted areas of film
- No need to contour cut around image
- Works well with white inks

### Products:

SF 100 Ultra Clear Gloss Removable

### Available Sizes:

1370mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Outdoor and Indoor Signs, POS Promotions, Exhibition Graphics, Window Graphics
Film Type	Polyester
Max. Durability Unprinted	Up to 2 years
Surface Type	Flat, Simple Curves
Adhesive Type	Acrylic Based
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Gloss
Thickness (film)	51 µm
Usage	Internal, External

### Recommended Overlamine:

DOL 4000 Ultra Clear Cast Gloss /  
DOL 4100 Ultra Clear Polyester High Gloss

# WINDOW DIGITAL PRINTING FILMS



## DPF 50WD

A matt white polymeric calendered vinyl film with a clear low tack removable pressure-sensitive adhesive. The low tack adhesive is designed to bond well to glass surfaces while removing cleanly in a wide range of temperatures.

Suitable for short term promotional advertising, the film is available in matt white or clear versions, if a greater level of transparency is required.

### Key Features:

- Promotional removable window film
- Low tack adhesive

### Products:

DPF50WD Matt White Removable  
DPF50WD Clear Removable

### Available Sizes:

1372mm x 45.72m, 1524mm x 45.72m



Application Temperature (Celsius)	+10°C minimum
Applications	Window Advertising and Decals
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 1 year
Surface Type	Flat
Adhesive Type	Low tack, Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Matt, Clear
Thickness (film)	90-100 µm
Usage	Internal

**Recommended Overlamine:**  
3220M Matt / 3210G Gloss



## DPF 5450X Etched Glass Series

A cost effective polymeric, printable etched glass vinyl. With up to 3 years durability and suitable for applications onto windows, glass surfaces, partitions and displays.

Featuring Low-Profile X-Scape Technology for a smooth and bubble free finish.

### Key Features:

- Polymeric Calendered
- 3 Year durability
- Internal, external use
- 80 Micron
- Clear, permanent adhesive

### Products:

DPF 5450X Etched Glass

### Available Sizes:

1220mm/1520mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Windows, Glass Surfaces
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 3 year
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Matt
Thickness (film)	80 µm
Usage	Internal, External

# WINDOW DIGITAL PRINTING FILMS

## VION Crystal 5500 Series

A polymeric calendered etch, crystal window film with a permanent pressure sensitive adhesive. Suitable for a wide range of internal decorative window applications on flat and slightly curved surfaces, both inside and out. Features a PE coated liner and clean face film to give exceptional print finish.

### Key Features:

- 5-7 year durability
- Internal, external use
- 100 micron
- Clear, permanent adhesive

### Products:

VC5500-20 Clear Etch

### Available Sizes:

1220mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Windows, Glass Surfaces
Film Type	Polymeric Calendered
Max. Durability Unprinted	5-7 years
Surface Type	Flat, Slightly Curved
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Matt
Thickness (film)	100 µm
Usage	Internal, External

## 3M™ Scotchcal™ Series 8173 PWGF

A polymeric calendered white perforated window film consisting of 50% perforations, with a clear/black removable adhesive.

The perforations are designed to allow the graphic to be seen from the outside, whilst allowing people to see out from the inside. For application to the external/1st surface of a window.

### Key Features:

- 50% transparency
- White on black films for external application
- Clear removable adhesive

### Products:

8173 White Perforated

### Available Sizes:

915mm x 50m, 1220mm x 50m, 1372mm x 50m



Application Temperature (Celsius)	+12°C minimum
Applications	Windows, Glass Surfaces, Vehicles
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 1 year
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Gloss
Thickness (film)	145 µm
Usage	Internal, External

# WINDOW DIGITAL PRINTING FILMS



## MPI 7000 Perforated Window Film Series

MPI 7000 perforated calendered window films with a black backside for use on glass. After printing the film allows the graphic to be seen on one side but still allows viewing from the other side.

With an impressive new release liner technology, the films offer exceptional layflatness, resulting in easier conversion. Additionally, you can have a full view of the printed image while it is still laminated to the liner.

### Key Features:

- Superb layflatness and machine handling on paper liner
- Full image preview upon printing with paper liner product before application
- Excellent printability

### Products:

MPI 7101 PWF Gloss White Perforated 50%  
MPI 7201 PWF Gloss White Perforated 50%  
MPI 7301 PWF Gloss White Perforated 40%  
MPI 7401 PWF Gloss White Perforated 30%

### Available Sizes:

1370mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Windows, Glass Surfaces, Vehicles
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 3 years
Surface Type	Flat, Simple Curves
Adhesive Type	Acrylic Based
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Gloss
Thickness (film)	100-180 µm
Usage	External

## contrAvision® Performance™ White on Black

3+ year polymeric calendered white on black perforated window films are available in 20%, 30%, 40% and 50% transparency options with replacement or universal liner.

With Grayliner™ printed images on the liner closely resemble the way they will look when in use on a typical window or panel. Suitable for solvent, eco-solvent, latex and UV printers.

### Key Features:

- Choice of 4 transparency options
- White on black films for external application
- Grayliner™ for improved visual perception
- Clear solvent adhesive for reliable adhesion

### Products:

WBPAG20 White 20% Additional Liner  
WBPAG30 White 30% Additional Liner  
WBPAG40 White 40% Additional Liner  
WBPAG50 White 50% Additional Liner  
WBPRG30 White 30% Replacement Liner  
WBPRG40 White 40% Replacement Liner

### Available Sizes:

1370mm x 10m, 1370mm x 25m, 1370mm x 50m



Application Temperature (Celsius)	+5°C minimum
Applications	Windows, Glass Surfaces, Vehicles
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 3+year
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	White on Black
Thickness (film)	180 µm
Usage	External



# WINDOW DIGITAL PRINTING FILMS

## contrAvision® Performance™ HD Clear

3+ year polymeric calendered clear perforated window films are available in 40% transparency with replacement or universal liner. For application to the reverse/2nd surface of a window. Suitable for solvent, eco-solvent, latex and UV printers.

### Key Features:

- 40% transparency options
- Clear films for internal application
- Grayliner™ for improved visual perception
- Clear solvent adhesive for reliable adhesion

### Products:

CLPAC40 HD Clear 40% Additional Liner HD

### Available Sizes:

1370mm x 10m, 1370mm x 50m



Application Temperature (Celsius)	+5°C minimum
Applications	Windows, Glass Surfaces, Vehicles
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 3+ years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	White on Black
Thickness (film)	180 µm
Usage	Internal

## contrAvision® Performance™ HD White on Black

A Polymeric Calendered, white on black 40% transparency, window film for one-way vision graphics. HD Performance features a ground breaking perforation pattern, 1mm in diameter that delivers dazzling printed images in high definition. This film can be used anywhere that conventional perforated materials are currently used, and many places you have not even considered. HD performance is suitable for use with solvent, eco-solvent, latex and UV printers.

### Key Features:

- 1mm diameter holes
- 150 micron thickness
- White on black polymeric face film
- Three year durability

### Products:

WBPAG40 HD White 40% Additional Liner HD

### Available Sizes:

1370mm x 10m, 1370mm x 50m



Application Temperature (Celsius)	+5°C
Applications	Windows, Glass Surfaces
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 3+ years
Surface Type	Flat
Adhesive Type	Transparent, Solvent Polyacrylate
Adhesive Colour	Clear
Removability	Removable
Surface Finish	White on Black
Thickness (film)	150 µm
Usage	Internal

# WINDOW DIGITAL PRINTING FILMS

## contrAvision® Performance™ Translucent White

3+ year polymeric calendered translucent white perforated window films are available in 30% transparency with universal liner.

Backlit graphics allow daylight in and a view out, as the translucent film uses in-store lighting to 'back-light' the graphic at night. For application to the external/1st surface of a window. Suitable for solvent, eco-solvent, latex and UV printers.

### Key Features:

- 30% transparency options
- Translucent backlit films for external application
- Grayliner™ for improved visual perception
- 24/7 visibility

### Products:

TWPAG30 White 30% Additional Liner

### Available Sizes:

1370mm x 10m, 1370mm x 50m



Application Temperature (Celsius)	+5°C minimum
Applications	Windows, Glass Surfaces, Vehicles
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 3+ years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	White on Black, Translucent White
Thickness (film)	180 µm
Usage	External

## contrAvision® Campaign™ White on Black

2 year economy perforated window film for short term campaigns that is easy to apply and removes quickly and cleanly.

For application to the external/1st surface of a window. Suitable for solvent, eco-solvent, latex and UV printers with universal liner.

### Key Features:

- Choice of 3 transparency options
- White on black films for external application
- Grayliner™ for improved visual perception
- Clear solvent adhesive for reliable adhesion

### Products:

WBMAG20 White 20% Additional Liner

WBMAG30 White 30% Additional Liner

### Available Sizes:

1370mm x 50m, 1370mm x 10m



Application Temperature (Celsius)	+5°C minimum
Applications	Windows, Glass Surfaces
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 2 year
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	White on Black
Thickness (film)	150 µm
Usage	Internal

# WINDOW DIGITAL PRINTING FILMS

## contrAvision® Campaign™ Clear

A 2 year monomeric calendered, perforated window film ideally suited for short-term promotional campaigns. Available in 30% transparency.

For application to interior first surface of windows. Suitable for use with solvent, eco-solvent and UV and latex printers.

### Key Features:

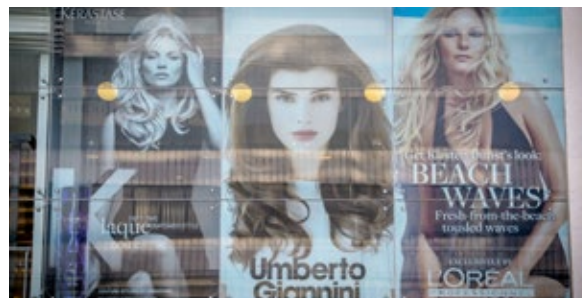
- 30% transparency
- Clear Film for internal application
- Removable, pressure-sensitive adhesive featuring a clear Universal Liner

### Products:

CLMAC30 Clear 30% Additional Liner

### Available Sizes:

1370mm x 10m, 1370mm x 50m



Application Temperature (Celsius)	+5°C minimum
Applications	Windows, Glass Surfaces
Film Type	Clear monomeric calendered PVC
Max. Durability Unprinted	Up to 2 years
Surface Type	Flat
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	White on Black
Thickness (film)	180 µm
Usage	Internal



## DPF 208 Roll-Up Banner

DPF 208 is an economical, lightweight, 200 micron coated polypropylene banner. This eco-friendly polypropylene banner is designed for use in pop-up and roll-up banner stands at a very competitive price point. DPF 208 is available in a satin finish.

### Key Features:

- Satin Finish
- Environmentally Friendly
- Exhibitions, advertisements and POP displays

### Products:

DPF 208 Satin White

### Available Sizes:

914mm x 30m, 1270m x 30m



Applications	Roll-Up Displays, POP Displays, Short Term Advertising, Exhibitions
Film Type	Polypropylene
Max. Durability Unprinted	Up to 1 year
Surface Type	Pop up, Roll up Banners
Adhesive Type	n/a
Adhesive Colour	n/a
Removability	n/a
Surface Finish	Satin
Thickness (film)	200 µm
Usage	Internal



## DPF 210 Roll-Up Banner

DPF 210 is a premium, semi-rigid, polyester coated banner used in pop-up and roll-up banner applications. The grey, block-out layer provides excellent opacity. Available in either satin or pebble finish.

### Key Features:

- Blockout layer for excellent opacity
- Satin or pebble finish
- Short term advertising

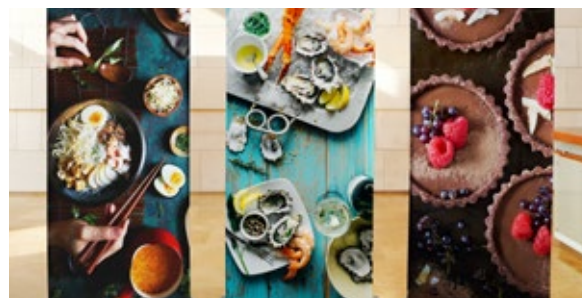
### Products:

DPF 210 Satin White Blockout

DPF 210PB Satin White Pebble Grey Blockout

### Available Sizes:

914mm x 30m, 1270mm x 30m



Applications	Roll-Up Displays, POP Displays, Short Term Advertising, Exhibitions
Film Type	Polypropylene
Max. Durability Unprinted	Up to 1 year
Surface Type	Pop up, Roll up Banners
Adhesive Type	n/a
Adhesive Colour	n/a
Removability	n/a
Surface Finish	Satin, Pebble
Thickness (film)	250 µm
Usage	Internal





## DPF Pop-Up Series

DPF 215 is a premium, semi-rigid, coated polyester banner that is used in pop-up banner applications. It has a grey, block-out layer that provides excellent opacity. Available in satin finish and yields high print resolution and image quality. It also has excellent lay-flat properties with minimal edge-curl.

### Key Features:

- Indoor pop-up display systems
- Exhibitions, advertisements and point-of-purchase displays

### Products:

DPF215 Satin White

### Available Sizes:

915mm x 30m



Applications	Exhibitions, Advertising and POP displays
Film Type	Polyester
Max. Durability Unprinted	Up to 1 year
Surface Type	Pop Up banners
Adhesive Type	n/a
Adhesive Colour	n/a
Removability	n/a
Surface Finish	Satin
Thickness (film)	370 µm
Usage	Internal



## DPF Wall Decoration Series

DPF 206 is a lightweight polycoated matt white fabric wall decoration media with a unique woven texture. The clear removable pressure sensitive adhesive is designed to bond well to smooth painted walls.

DPF 207 is a matt white vinyl film with a clear removable pressure-sensitive adhesive. The adhesive is specially designed to have initial repositionability to walls without compromising the ultimate bond.

### Key Features:

- Ideal for wall decorations
- Ease of application
- Removability

### Products:

DPF 206 Matt White Fabric

DPF 207 Matt White

### Available Sizes:

1372mm x 30m, 1372mm x 45.72m



Application Temperature (Celsius)	+10°C minimum
Applications	Retail POP Displays, Interior Wall Decorations, Advertising, Murals
Film Type	Polyester
Max. Durability Unprinted	Up to 1 year
Surface Type	Smooth Painted Walls
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Matt, Fabric
Thickness (film)	150 µm
Usage	Internal

# WALL DIGITAL PRINTING MEDIA

## **AVERY DENNISON MPI 8000 Series**

Avery Dennison MPI 8000 Wall Film Series, the Interior Design Collection is a range of ten digital print materials offering inspiring graphic solutions for interior design. These wall art products generate emotional response and give flexibility for even the most ambitious indoor printing applications.

With 3-D textures and rapid application, these products are ideal in retail and hospitality areas, exhibition spaces and residential properties. Series includes textile film and two NEW textured wallpapers plus PVC films with pure canvas, crushed stone and natural stucco textures.

### Key Features:

- High tack films for wall graphic applications
- Easy Apply available
- Canvas, stone, stucco, wall paper and textile textures

### Products:

MPI 8024 EA Hi-Tack  
MPI 8520 Wall Paper  
MPI 8520 Oak Wallpaper  
MPI 8520 Rhino Wallpaper  
MPI 8621 Hi-Tack Removable  
MPI 8626 Hi-Tack  
MPI 8726 Canvas Hi-Tack  
MPI 8726 Stone Hi-Tack  
MPI 8726 Stucco Hi-Tack  
MPI 8826 Textile Hi-Tack

### Available Sizes:

1370mm x 22.8m, 372mm x 45.72m



Application Temperature (Celsius)	+ 4°C minimum + 10°C minimum MPI 8626
Applications	Walls, Promotional Graphics, Retail Graphics, Indoor Advertising, Windows
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 4 years
Surface Type	Flat, Slightly Structured Surfaces, Apolar Substrates
Adhesive Type	Acrylic
Adhesive Colour	Clear
Removability	Permanent, Removable
Surface Finish	Matt
Thickness (film)	90-280 µm
Usage	Internal

## **DPF 4200**

DPF 4200 is a 150 microns white vinyl film with a clear permanent pressure sensitive adhesive intended for interior wall applications. This vinyl is available in both Matt and Canvas finishes.

The thickness of the film on DPF 4200 enables ease of application without the need for an overlamine. The adhesive is specially designed to have repositionability to substrates such as smooth to slightly textured painted walls without compromising the ultimate bond. It's premium stable polycoated lay-flat liner that is optimal for printing on a variety of print systems.

### Key Features:

- Polymeric Calendered PVC
- Up to 7 years durability
- Internal Use
- Permanent Interior Wall Decoration
- Available in Matt and Canvas

### Products:

DPF4200 Canvas - Matt White Canvas  
DPF4200 Matt - Matt White

### Available Sizes:

1370mm x 45.72m



Application Temperature (Celsius)	+ 10°C minimum
Applications	Walls, Promotional Graphics, Retail Graphics
Film Type	Polymeric Calendered PVC
Max. Durability Unprinted	Up to 7 year
Surface Type	Flat, Slightly Structured Surfaces
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Permanent
Surface Finish	Matt, Canvas
Thickness (film)	150 µm
Usage	Internal

# WALL DIGITAL PRINTING MEDIA

## Poster Paper

A premium PVC free, satin poster paper with brilliant colour reproduction, high whiteness and unique textured surface. XSPP200 is both scratch and water resistant making it ideal for both indoor and outdoor point of sale signage.

### Key Features:

- Satin poster paper
- Ideal for point of sale signage
- Scratch and water resistant

### Products:

XSPP200 Satin White

### Available Sizes:

1372mm x 50m



Application Temperature (Celsius)	+15°C minimum
Applications	POS Signs
Film Type	Non PVC
Max. Durability Unprinted	Up to 1 year
Surface Type	Walls
Adhesive Type	n/a
Adhesive Colour	n/a
Removability	n/a
Surface Finish	Satin
Thickness (film)	185 µm
Usage	Internal

# FLOOR GRAPHIC DIGITAL PRINTING FILMS

## Floor Graphic Series

### Internal 6 Month and 9 Month Floor Graphic

Gloss white, self-adhesive monomeric calendered vinyls, suitable for applications on interior floor spaces. These products offer great resistance to dirt and wear from foot traffic when used with DOL5900/DOL6000 overlaminates.

Available in MPI 3001/3002 for 6 month durability and MPI 2001/2002 for 9 month durability.

### Key Features:

- Excellent printability and handling when used with selected printer types
- Easy cutting and application on a wide variety of substrates
- Slip resistance

### Products:

#### 6 Month Floor Graphic

MPI 3001 / DOL 5900

MPI 3002 / DOL 5900

#### 9 Month Floor Graphic

MPI 2001 / DOL 6000

MPI 2002 / DOL 6000

### Available Sizes:

1370mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Floors
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 6 months, 9 months
Surface Type	Flat
Adhesive Type	Acrylic Based
Adhesive Colour	Clear, Grey
Removability	Removable
Surface Finish	Gloss
Thickness (film)	80-95 + 100 µm 80 + 210 µm
Usage	Internal



# FLOOR GRAPHIC DIGITAL PRINTING FILMS



## MPI 6021 Anti-Slip Floor Marking

### Internal 1 Month Anti-Slip

A thick white calendared film suitable to internal floor applications. It comes with a directly printable anti-slip surface that doesn't need any overlamine and a removable adhesive for fast and clean removability. Ideal for short term campaigns that need life and colour quickly and simply; designed for relatively smooth and flat indoor surfaces.

#### Key Features:

- Directly printable anti-slip surface without impacting anti-slip properties
- No need for overlamine
- Anti-Slip Certification
- Fire certification
- Printable across all main digital platforms
- Removable adhesive (no residues)
- Dedicated to short life promotions - 1 month durability

#### Products:

MPI 6021 White Anti-Slip

#### Available Sizes:

1370mm x 25m



Application Temperature (Celsius)	+10°C minimum
Applications	Floors
Film Type	Calendered
Max. Durability Unprinted	1 month
Surface Type	Smooth and Flat
Adhesive Type	Acrylic Based
Adhesive Colour	Clear
Removability	Removable
Surface Finish	Matt
Thickness (film)	200 µm
Usage	Internal

## 3M™ Scotchcal™ Graphic Film 3662

### External 3 Month Pavement Graphic

A white cast film with a removable, grey pigmented, repositionable adhesive for exterior graphics on floors.

Good resistance to dirt and wear from high foot traffic once laminated with 3647 overlamine. Suitable for use on unsealed, exterior, pedestrian surfaces.

#### Key Features:

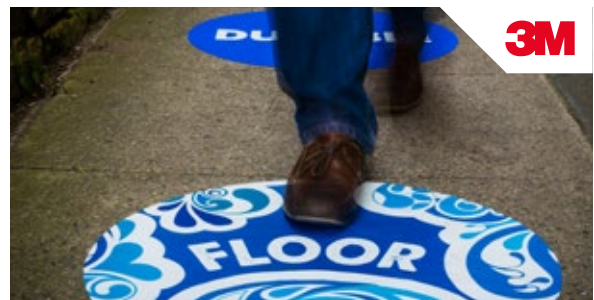
- Internal pavement graphic
- Anti-slip, durable surface

#### Products:

3662-10 Gloss White

#### Available Sizes:

1220mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Floors, Counters, Pavements
Film Type	Cast
Max. Durability Unprinted	Up to 3 months
Surface Type	Asphalt, Concrete, Paving Bricks
Adhesive Type	Pressure-sensitive
Adhesive Colour	Grey
Removability	Removable with heat
Surface Finish	Matt
Thickness (film)	50 µm + 500 µm
Usage	External

Recommended Overlamine: 3647 Clear

# FLOOR GRAPHIC DIGITAL PRINTING FILMS

## 3M™ Scotchcal™ Graphic Film Series IJ40

### Internal 1 Year Floor Graphic

A polymeric calendered white digital printing kit with a removable, grey pigmented, repositionable adhesive for easy application on interior floors. Good resistance to dirt and wear from high foot traffic when laminated with 3645 overlamine.

#### Key Features:

- Internal floor graphic film
- Easy application
- 1 year durability
- With 3645 overlamine

#### Products:

IJ40-10R

#### Available Sizes:

1372mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Floor Graphics
Film Type	Polymeric Calendered
Max. Durability Unprinted	Up to 1 year
Surface Type	Ceramic, Wood, Marble, Sealed Concrete, Terrazzo, Waxed Vinyl
Adhesive Type	Pressure-Sensitive
Adhesive Colour	Grey
Removability	Removable
Surface Finish	Matt
Thickness (film)	100 µm + 200 µm
Usage	Internal

Recommended Overlamine: 3645 Clear

## 3M™ Scotchcal™ Graphic Film Series IJ20

### Internal 30 Day Floor Graphic

A white promotional calendered film with a removable, clear, waterbased, pressure sensitive adhesive for short term interior graphics on floors. Available in white and transparent.

Good resistance to dirt and wear from high foot traffic once laminated with 3649 overlamine. The transparent nature of the film allows the production of effective 3D graphics.

#### Key Features:

- Internal floor graphic film
- 30 day durability
- With 3649 overlamine

#### Products:

IJ20-10R

#### Available Sizes:

1372mm x 50m



Application Temperature (Celsius)	+10°C minimum
Applications	Floors
Film Type	Monomeric Calendered
Max. Durability Unprinted	Up to 1 month
Surface Type	Ceramic, Wood, Marble, Sealed Concrete, Terrazzo, Waxed Vinyl
Adhesive Type	Pressure-sensitive
Adhesive Colour	Clear
Removability	Removable with heat
Surface Finish	Gloss
Thickness (film)	75 µm + 120 µm
Usage	External

Recommended Overlamine: 3649 Clear

# OVERLAMINATES

Overlaminating of printed images with transparent films is a necessary step to provide maximum performance of finished images: it provides the right finish, colour depth and protection.

Inkjet printed images require overlamines for protection against UV radiation, abrasion and moisture. Overlamines also enhance the colours of the image and provide it with the required finish: e.g. a gloss finish for outdoor use and a matte or lustre (semi-gloss) finish to avoid unwanted light reflections when used indoors.



Series Name	Product Number	Surface Finish	Description	Material	Thickness	Durability
Avery Dennison Monomeric Overlamine	DOL 3460	Gloss	A range of monomeric gloss, matt and lustre short term overlamines. For use with Avery MPI 3000 films to provide a 2 year durability.	Monomeric Calendered	80 µm	Up to 2 Years
	DOL 3470	Lustre			80 µm	Up to 2 Years
	DOL 3480	Matt			80 µm	Up to 2 Years
Avery Dennison Polymeric Overlamine	DOL 2460	Gloss	A range of premium polymeric and polymeric gloss, matt and lustre medium term overlamines. Premium polymeric overlamines for use with Avery MPI 2000 films to provide a 4 year durability. Polymeric overlamines are suitable for promotional use and offer a 3 year durability when used with MPI 2800 films.	Polymeric Calendered	80 µm	Up to 5 Years
	DOL 2470	Lustre			80 µm	Up to 5 Years
	DOL 2480	Matt			80 µm	Up to 5 Years
	DOL 2800	Gloss			80 µm	Up to 4 Years
	DOL 2860	Gloss			80 µm	Up to 4 Years
	DOL 2880	Matt			80 µm	Up to 4 Years
Avery Dennison Cast Overlamine	DOL 1460	Gloss	A range of cast gloss and matt long term overlamines. For use with Avery MPI 1105 and MPI 1104 films to provide a 4 year durability.	Cast	30 µm	Up to 6 Years
	DOL 1480	Matt			30 µm	Up to 6 Years
	DOL 1470	Lustre			30 µm	Up to 6 Years
Avery Dennison Speciality Overlamine	DOL 4000	Gloss	An ultra clear cast overlamine offering high transparency that results in excellent see-through properties. Recommended for perforated window films, even on slightly curved windows.	Cast	50 µm	Up to 3 Years
	DOL 4100	High-gloss	An ultra clear polyester film, recommended for flat perforated window film applications.	Polyester	25 µm	Up to 2 Years
	DOL 4300		A polyester film that protects durable images against permanent damage from graffiti, paints and UV light.		23 µm	Up to 5 Years
	DOL 4400		Specially designed to use on digital UV printed films using UV inks.		30 µm	Up to 5 Years
Avery Dennison PVC-Free Overlamine	DOL 6460	Gloss	A clear polyurethane premium quality flexible film designed for use as a protective flexible film designed for use as a protective overlamine film for screen and digitally printed decals.	Polyurethane	38 µm	Up to 8 Years



Series Name	Product Number	Surface Finish	Description	Material	Thickness	Durability
VION Monomeric Overlamines	VP3000-05	Gloss	A transparent, monomeric calendered overlamine with a clear, permanent, pressure-sensitive adhesive.	Monomeric Calendered	80 µm	Up to 5 Years
	VP3000-15	Matt			80 µm	Up to 5 Years
VION Polymeric Overlamine	VP5100-05	Gloss	A transparent, polymeric calendered overlamine with a clear, permanent pressure-sensitive adhesive.	Polymeric Calendered	75 µm	Up to 7 Years
	VP5100-15	Matt			75 µm	Up to 7 Years



# OVERLAMINATES



Series Name	Product Number	Surface Finish	Description	Material	Thickness	Durability
3M™ Scotchcal Monomeric Overlamine	8008G	Gloss	A range of gloss monomeric overlaminates for use with 3M IJ20/25 Series digital printing films to protect and extend the life of printed graphics.	Monomeric Calendered	80 µm	Up to 3 Years
3M™ Scotchcal Polymeric Overlamine	8018G	Gloss	Flexible and conformable overlaminates for use with digital printing films to extend the life of printed graphics.	Polymeric Calendered	75 µm	Up to 5 Years
	8020M	Matt			75 µm	Up to 5 Years
	8038G	Gloss			75 µm	Up to 7 Years
	8040M	Matt			75 µm	Up to 7 Years
	8510M	Matt			90 µm	Up to 6 Years
3M™ Scotchcal Cast Overlamine	8518	Gloss	A range of gloss and matt cast overlaminates for use with 3M cast digital print films to protect and extend the life of printed graphics.	Cast	50 µm	Up to 7 Years
	8520	Matt			50 µm	Up to 8 Years
3M™ Scotchgard Anti-Graffiti Overlamine	8991	High-gloss	High gloss polyester overlaminates for superior substrate and surface protection from stains, abrasion, gouges, UV light and graffiti. The films are easy to clean.	Extruded Polyester	100 µm	Up to 5 Years
	8993	High-gloss			25 µm	Up to 5 Years
	8995-124	Matt			23 µm	Up to 5 Years
3M™ Envision Overlamine	8048G	Gloss	Non-PVC overlaminates in a choice of Gloss, Matt and Lustre suitable for us with 3M Envision Print Films.	Non-PVC Polymer	50 µm	Up to 6 Years
	8050M	Matt			50 µm	Up to 6 Years
	8548G	Gloss			50 µm	Up to 9 Years
	8549L	Lustre			50 µm	Up to 9 Years
	8550M	Matt			50 µm	Up to 9 Years
3M™ Floor Graphic Overlamine	3645	Matt	A range of slip, scuff and foot traffic-resistant overlaminates for use with 3M floor graphic films.	Cast	200 µm	Up to 12 Months Interior
	3647	Matt			500 µm	Up to 2 Years
	3649	Matt			130 Micron	Up to 30 Days
3M™ PWGF Overlamine	8914	Gloss	Optically clear overlaminate for window graphics.	Cast	50 µm	Up to 12 Months



Series Name	Product Number	Surface Finish	Description	Material	Thickness	Durability
Arlon Polymeric Overlamine	3420G	Gloss	A range of gloss and matt overlaminates for use with Arlon DPF 4500 Series digital print films to protect and extend the life of printed graphics.	Polymeric Calendered	75 µm	Up to 5 Years
	3420M	Matt			75 µm	Up to 5 Years
	3420S	Satin			75 µm	Up to 5 Years
	3450G	Gloss			80 µm	Up to 5 Years
	3450M	Matt			80 µm	Up to 5 Years
Arlon Monomeric Overlamine	3510	Gloss	A gloss overlaminate for use with Arlon DPF 510 Series digital print film. Designed to protect your printed image.	Monomeric Calendered	80 µm	Up to 3 Years
Arlon Cast Overlamine	3210G	Gloss	A range of gloss and matt cast overlaminates for use with Arlon cast digital print films to protect and extend the life of printed graphics. 3220-00 is an optically clear version.	Cast	33 µm	Up to 7 Years
	3220M	Matt			50 µm	Up to 7 Years
	3200-00	Gloss			50 µm	Up to 7 Years
	3270	Gloss			50 µm	Up to 7 Years
	3270M	Matt			50 µm	Up to 7 Years
	3170	Gloss			35 µm	Up to 5 Years
Arlon Anti-Graffiti Overlamine	3350	Gloss	PVDF overlaminate for use with Arlon digital printing films to protect and prolong the life of printed images. Designed as an anti-graffiti overlaminate with UV inhibitors for improved weathering.	PVDF	50 µm	Up to 10 Years
Arlon Heavy Duty Overlamine	3960	Gloss	Heavy duty overlaminate for use with Arlon DPF 8000 digital printing films to protect decals and graphics where extra abrasion resistance is required. It features a high gloss finish, making it ideal for protection of motorcross bike graphics.		305 µm	Up to 2 Years



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