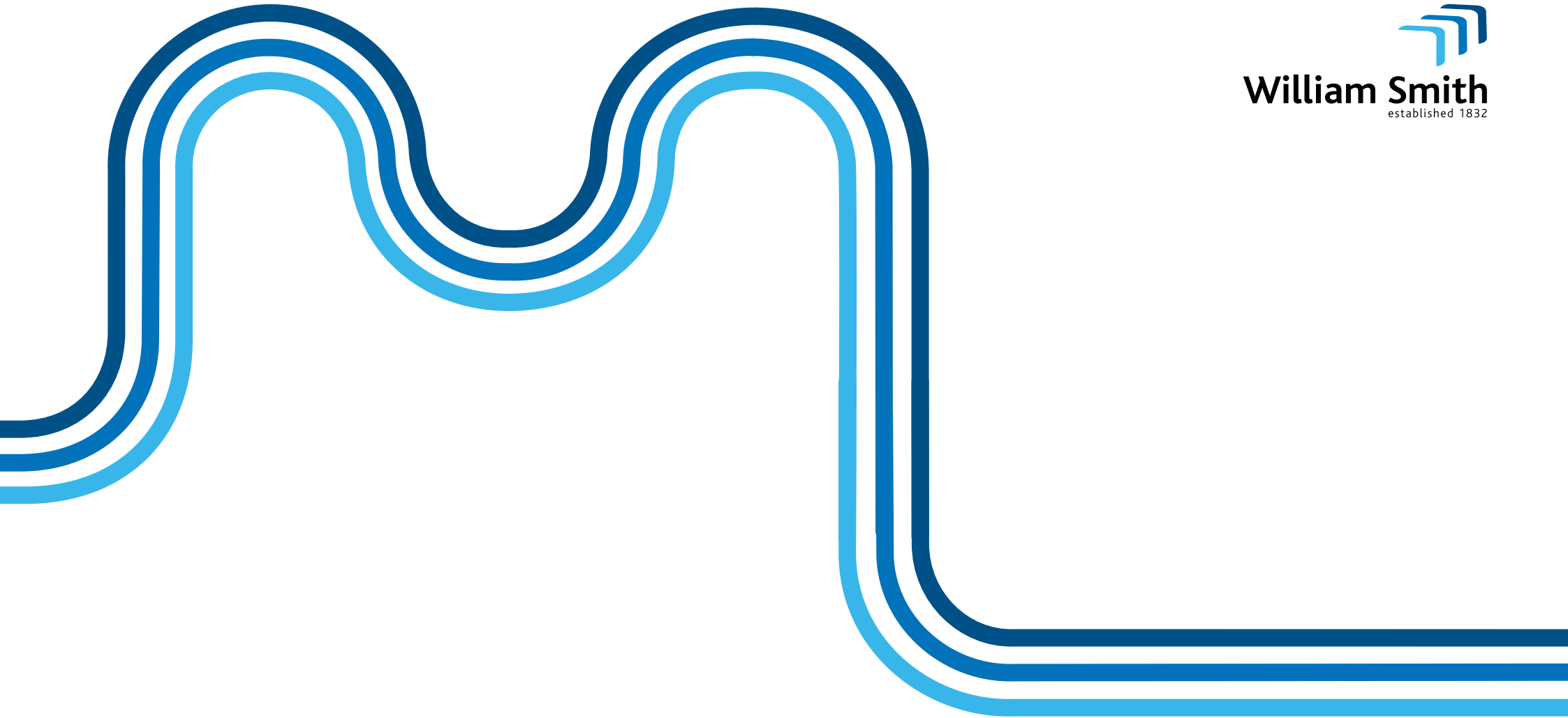




William Smith
established 1832



material product guide



Range

This guide is here to help you find the best material to suit your requirements. You can choose from a wide range of 3M, Arlon, iSee2, Contra Vision® and R Tape sign making and digital printing films, application tapes and accessories. Films are available in full, part or as custom slit rolls.

Any order is usually despatched within 24 hours allowing you to minimise your stock holding and reduce overheads. You have access to thousands of films in the following ranges:

- Coloured Film
- Digital Printing Film
- Screen Printing Film
- Floor Graphic Film
- Vehicle Wrapping Film
- Window Film
- Reflective and Fluorescent Film
- Vehicle Safety Marking Film
- Overlay Film
- Speciality Film
- Road Marking Film
- Application Tape

Contact

For more information/samples of the materials featured in this guide contact us in one of the following ways:

Tel 01833 690305

www.williamsmith.co.uk

www.vehiclewrapfilms.co.uk

info@williamsmith.co.uk

[@William_Smiths](https://twitter.com/William_Smiths)

[/WilliamSmith1832](https://www.facebook.com/WilliamSmith1832)

Service

With over 180 years of operational expertise we can offer you a reliable and dependable service. You benefit from friendly and experienced staff who can advise you about the best material for your specific requirements.

Our service includes:

- Same day despatch up until 6pm (stock permitting)
- Over 7,500 rolls in stock
- Full, part and custom slit rolls
- Short-term affordable films
- Premium quality warranted films
- Short lead times provided for non-stock materials
- Online ordering and individual web pricing accessible 24 hours a day
- Samples of material available on request
- Competitive prices available online or via our head office
- Product offerings that remain at the forefront of technological innovation

Choosing the right vinyl

There are three basic types of vinyl to choose from: cast, polymeric calendered and monomeric calendered films. At first sight there is very little to choose between them but on application and after a short period of time the difference becomes obvious. You therefore need to choose the right film for the right application.

Cast Films

A cast film is made from a premium grade of PVC that starts life as a liquid which is poured into a drum. A layer of liquid is then scraped onto a liner. This is then dried and cured, coated with an adhesive followed by a backing liner. The original liner is then taken off. These films have an enduring quality and a long life.

Cast films have no memory and are stable therefore they do not shrink. And, because cast films are thinner and softer, they are easier to cut, weed and apply.

Cast films conform over irregular surfaces such as rivets and textures, making them the preferred option for the most extreme exterior applications, like vehicle wraps.

Calendered Films

The difference between cast and calendered is that calendered films start their life as a solid. The calendering process involves adding plasticisers and stabilisers to the solid. Then it is all passed through rollers, called calenders, until the film reaches the required thickness. The material is then coated and a liner added. As the film is not flat to start with, in time it shrinks.

There are two types of calendered films:

Polymeric Calendered Films

Polymeric films fare much better in exterior applications than monomeric films but are not suitable for applications with irregular surfaces. They have better grades of polymers added to reduce shrinkage.

Monomeric Calendered Films

Monomeric films are more rigid, without stabilisers or with a lower grade of stabilisers, therefore they shrink, leaving exposed the adhesive beneath. In time the exposed adhesive attracts dirt and a sticky, black outline forms around the letters, logos or graphics. In time more severe degradation begins and the vinyl face film will begin to curl up and flake off. Monomeric films should only be used for short term applications not exposed to UV light.

NB: 3M Traffic reflective sheeting products are not vinyls. These sheeting products are made up in different ways. For details of construction on any of these products please contact William Smith.

Coloured Film: Opaque

Available to you in a wide choice of colours, these ranges of vinyls comprise of cast and calendered variants to meet the demands of short, mid and long term applications.

3M	DESCRIPTION	COLOURS	DURABILITY	FINISH	THICKNESS	ADHESIVE
30 Series	Monomeric Calendered	74	3-5 Year	Gloss and Matt	75 Micron	Clear Removable
50 Series	Polymeric Calendered	60	5-7 Year	Gloss	75 Micron	Clear Permanent
80 Series	Cast	84	Up to 10 Year	Gloss and Metallic	50 Micron	Clear Permanent
100 Series	Cast	170	Up to 12 Year Warranty	Gloss, Matt and Metallic	50 Micron	Clear Permanent
180 Series	Cast	16	6-10 Year Warranty	Gloss	50 Micron	Positionable Permanent Grey and Clear
7720 Series	Cast (Traffic Signs)	1	10 Year Warranty	Gloss	50 Micron	Clear Permanent
7725 Series	Cast (Traffic Signs)	2	10 Year Warranty	Gloss	50 Micron	Clear Permanent

ARLON	DESCRIPTION	COLOURS	DURABILITY	FINISH	THICKNESS	ADHESIVE
5000 Series	Polymeric Calendered	37	5-7 Year	Gloss	70 Micron	Clear Permanent

Coloured Film: Translucent

Suitable for illuminated or window applications, these highly translucent coloured films are available in both cast and calendered variants.

3M	DESCRIPTION	COLOURS	DURABILITY	FINISH	THICKNESS	ADHESIVE
2330 Series	Polymeric Calendered	34	5-7 Year	Semi-Gloss	80 Micron	Clear Permanent
3630 Series	Cast	57	10 Year Warranty	Matt	50 Micron	Clear Permanent
3635 Series	Light Management*	8	5-10 Year Warranty	Matt	50-140 Micron	Transparent/Permanent
3730 Series	Cast	20	Up to 7 Year	Matt	50 Micron	Pressure Sensitive
3735 Series	Cast	2	Up to 7 Year	Matt	50 Micron	Pressure Sensitive

* Includes light enhancement block-out, diffuser, dual colour and day/night film



Vehicle Wrapping & Car Customisation Film

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
1080 Series	Cast Car Customisation Film	50	Up to 6 Year	Matt, Gloss, Carbon and Brushed Effect	90 Micron	Grey Permanent with Comply and Controltac
480Cv3 Series	Non-PVC Vehicle Wrapping Film	1	Up to 12 Year	Gloss	50 Micron	Grey Permanent with Comply and Controltac
IJ380 Series	Digital Print Cast Wrapping Film for Deep Recesses	2	10 Year	Gloss White Matt White	50 Micron	Permanent Repositionable Controltac
IJ170Cv3 Series	Economic Cast Wrapping Film for Vehicles with Simple Curves	1	8 Year Unprinted	Gloss White	50 Micron	Grey, Permanent with Comply Version 3
IJ180Cv3 Series	Digital Print Cast Durable Graphic Film for Simple Curved Vehicles	1	10 Year	Gloss	50 Micron	Grey, Permanent, Repositionable with Comply Version 3 and Controltac
IJ180-10 Series	Cast Durable Vehicle Wrapping Film	1	10 Year	Gloss White	50 Micron	Grey Permanent with Controltac
8580 Series	Overlamine for use with IJ380, IJ180Cv3 and IJ170Cv3 Wrapping Films	1	5 Year Warranty	Gloss	25 Micron	Clear Permanent
8518 Series	Overlamine for use with IJ180 and IJ170 digital printing films	1	7 Year Warranty	Gloss	50 Micron	Clear Permanent
8520 Series	Overlamine for use with IJ180 and IJ170 digital printing films	1	5-8 Year Warranty	Matt	50 Micron	Clear Permanent
8548G Series	Non-PVC overlamine for use with 480Cv3 Series	1	Up to 12 Year	Gloss	50 Micron	Clear Permanent
ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
Ultimate Premium Plus Series 2600LX	Flexible Cast PVC Car Wrapping Film	49	Up to 5 Year	Metallic, Matt, Carbon, Brushed Metal and Special Effects	100-137 Micron	Repositionable
DPF 6000 Series	Cast Digital Print Wrapping Film for Simple Curved Vehicles	3	7 Year Unprinted	Gloss White Gloss Transparent Gloss White X-scape	50 Micron	Grey Repositionable Clear Permanent X-scape Optional
DPF 2400 Series	Cast Reflective Car Wrapping Film for use on flat panels	1	Up to 7 Year	Gloss	125 Micron	Permanent Pressure Sensitive
3220 Series	Cast overlamine for use with 6000 Series	3	7 Year	Gloss Matt	50 Micron	Clear Permanent Optically Clear Permanent
3210 Series	Lighter weight Cast overlamine for Flat Complex Curved Applications	1	7 Year	Gloss	33 Micron	Clear Permanent

Vehicle Paint Protection Film

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
VentureShield	A clear film that protects automotive paint finishes against stonechips and minor abrasions	2	Up to 5 Year	Gloss & Matt	165 Micron	Pressure Sensitive

Vehicle Wrapping & Car Customisation Film

isee2	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
50.900 Series	Calendered Carbon Fibre Vinyl for Flat or Slightly Curved Surfaces	6	5 year	Carbon Fibre	160 Micron	Semi-Permanent
10.900 Series	Cast Carbon Fibre Vinyl for Compound Curves, Rivets and Corrugations or Full Vehicle Wraps	3	5 year	Carbon Fibre	135 Micron	Permanent
70.000 & 71.000 Series	Soft Hybrid PVC Car Wrapping Film	30	5-7 Year	Matt, Gloss and Metallic	100 Micron	Repositionable
Speciality Colours	Soft Hybrid PVC Car Wrapping Film	13	5-7 Year	Speciality	60-200 Micron	Repositionable

Visit our dedicated vehicle wrapping film website www.vehiclewrapfilms.co.uk for all your digital and coloured material requirements.



Digital Printing Film: Short Term

Ink jet printing films that can satisfy your short term application needs.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
IJ20 Series	Monomeric Calendered	3	2 Year	Gloss White Transparent Gloss Transparent Matt	75 Micron	Light Grey, Removable Clear Removable
IJ25 Series	Monomeric Calendered	2	2 Year	Gloss White & Matt White	100 Micron	Light Grey Removable
ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF 650 Series	Monomeric	1	2-3 Year	Gloss	100 Micron	Clear Permanent
DPF 4300 Series	Polymeric Calendered	1	1 Year	Matt	86 Micron	Clear Removable

Overlamine: Short Term

For use over sign faces and graphics, these ranges of transparent films are designed to protect against the effects of UV light fade, dirt, grime and graffiti.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
IJ20-114R Series	Monomeric Calendered	1	2 Year	Gloss	75 Micron	Clear Removable
ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
3590 Series	Heavy duty overlamine to be used with 8000-00 for racing and dirt bikes	1	2 Year	Gloss	305 Micron	Clear Permanent

Digital Printing Film: Intermediate

3M and Arlon ink jet printing films that can satisfy your intermediate term application needs.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
IJ40 Series IJ40C Series	Polymeric Calendered	10	5 Year	Gloss White Matt White Gloss Transparent Matt Transparent	70 Micron	Grey Permanent Grey Removable Clear Permanent Comply Optional
ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF 4500 Series	Polymeric Calendered	5	5 year	Gloss White Gloss White X-scape Clear Matt White	75 Micron	Grey Clean-Removing Clear Permanent Grey Permanent

Overlamine: Intermediate

For use over sign faces and graphics, these ranges of transparent films are designed to protect against the effects of UV light fade, dirt, grime and graffiti.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
IJ40 Series	Polymeric Calendered Medium Term use	3	5 Year	Gloss, Matt & Transparent	70 Micron	Clear Pemanent
8019/8020 Series	Polymeric Calendered Medium Term use	2	5 Year	Gloss & Matt	75 Micron	Clear Permanent
ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
3400 Series	Polymeric Calendered for Flat and Slightly Curved Surfaces	3	5 Year	Satin, Gloss & Matt	75 Micron	Clear Permanent

Digital Printing Film: Long Term

3M and Arlon ink jet printing films that can satisfy your long term application needs.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
IJ160 Series	Calendered Durable Film	1	5 Year	Matt White	100 Micron	Grey Removable Positionable, Controltac
IJ170Cv3 Series	Cast Film for Signs and Car Wrapping	1	8 Year Unprinted	Gloss White	50 Micron	Grey Permanent with Comply Version 3
IJ180-10 Series	Cast Durable Graphic Film	1	10 Year	Gloss White	50 Micron	Grey Permanent, Repositionable with Controltac
IJ180Cv3 Series	Cast Wrapping Film for Simple Curved Vehicles	1	10 Year	Gloss	50 Micron	Grey, Permanent, Controltac Repositionable with Comply Version 3
IJ380 Series	Cast Wrapping Film for Deep Recesses	2	10 Year	Gloss White Matt White	50 Micron	Permanent Repositionable Controltac
480Cv3 Series	Non-PVC Vehicle Wrapping Film	1	Up to 12 Year	Gloss	50 Micron	Grey Permanent with Comply Version and Controltac
ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF 6000 Series	Cast film for Signs and Vehicle Wrapping	3	7 Year Unprinted	Gloss White Gloss Transparent Gloss White X-scape	50 Micron	Grey Repositionable Clear Permanent X-scape Optional

Overlamine: Long Term

For use over sign faces and graphics, these ranges of transparent films are designed to protect against the effects of UV light fade, dirt, grime and graffiti.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
3640 Series	For Long Term Graphic Protection	1	3-6 Year Warranty	High Gloss	50 Micron	Clear Permanent
8518 Series	For use on Electrostatic and Ink Jet Film	1	7 Year Warranty	Gloss	50 Micron	Clear Permanent
8520 Series	For use on Electrostatic and Ink Jet Film	1	5-8 Year Warranty	Matt	50 Micron	Clear Permanent
8580 Series	For use with IJ380, IJ180Cv3 and IJ170Cv3 Wrapping Film	1	5 Year Warranty	Gloss	25 Micron	Clear Permanent
8548G Series	Non-PVC overlamine for use with 480Cv3 Series	1	Up to 12 Year	Gloss	50 Micron	Clear Permanent

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
3200 Series	Cast for Flat or more Complex Curved Applications	2	7 Year	Gloss Matt	50 Micron	Clear Permanent
3210 Series	Lighter weight cast overlamine for flat Complex Curved Applications	1	7 Year	Gloss	33 Micron	Clear Permanent



Reflective Film & Overlamine

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
IJ680 Series	Reflective Marking Film	1	8 Year	Reflective White	180-200 Micron	Clear Positionable Controltac
8518 Series	Gloss overlamine for use with IJ680	1	7 Year Warranty	Gloss	50 Micron	Clear Permanent
8520 Series	Matt overlamine for use with IJ680	1	5-8 Year Warranty	Matt	50 Micron	Clear Permanent
ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF2400 Series	Cast Reflective Film	1	7 Year Outdoor	Reflective White	125 Micron	Permanent Pressure Sensitive
3200 Series	Cast for Flat or more Complex Curved Applications	2	7 Year	Gloss Matt	50 Micron	Clear Permanent

Non PVC Film & Overlamine

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
3545C Series	Non-PVC Graphic Film	1	1-5 Year	Semi-Matt	100 Micron	Grey Removable
8908 Series	Gloss overlamine for us with 3545C	1	1-5 Year	Gloss	50 Micron	Permanent
6645C Series	Non-PVC Removable Graphic Film, approved for London Underground Projects	1	3-5 Year	Matt White	100 Micron	Grey Removable, Comply
8995-124	Scotchguard overlamine for use with 6645C	1	6 Year	Matt	23 Micron	Permanent, Clear, Pressure Sensitive

Translucent Back Lit Film & Overlamine

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
IJ3630 Series	Cast Translucent Graphic Film	1	10 Year	Low Gloss White	50 Micron	Clear Permanent
IJ3730 Series	Cast	2	Up to 7 Year	Matt	50 Micron	Pressure Sensitive
8518 Series	Gloss overlamine for use with IJ3630	1	7 Year Warranty	Gloss	50 Micron	Clear Permanent
8520 Series	Matt overlamine for use with IJ3630	1	5-8 Year Warranty	Matt	50 Micron	Clear Permanent
3640 Series	High Gloss overlamine for use with IJ3630	1	3-6 Year Warranty	High Gloss	50 Micron	Clear Permanent

Textured Wall Film & Overlamine

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
IJ8624 Series	Cast Textured Surface Film	1	Up to 2 Year	White	50 Micron	Grey Removable
8524 Series	Gloss overlamine for use with IJ8624	1	5-7 Year	Gloss	50 Micron	Clear Permanent
480Cv3 Series	Non-PVC Textured Wall Film	1	Up to 12 Year	Gloss	50 Micron	Grey Permanent with Comply and Controltac
8548G Series	Non-PVC overlamine for use with 480Cv3 Series	1	Up to 12 Year	Gloss	50 Micron	Clear Permanent

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF 8000 Series	Polymeric Textured Surface Film	1	Up to 7 Year	Satin White	90 Micron	Pressure Sensitive, Permanent
3420 Series	Satin overlamine for use with 8000 Series	1	5 Year	Satin	75 Micron	Clear Permanent
3200 Series	Overlamine for use with 8000 Series	2	7 Year	Gloss Matt	50 Micron	Clear Permanent

Roll Up Media

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF 208 Series	Polypropylene Satin Roll-Up Media	1	1 Year Indoor	Satin	200 Micron	N/A
DPF 210 Series	Polyester Satin Roll-Up Media	2	1 Year Indoor	Satin Satin (Textured)	250 Micron	N/A

Pop-Up Media

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF 215 Series	Polyester Satin Pop-Up Media	1	1 Year Indoor	Satin	370 Micron	N/A

Wall Decoration Media

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF 206 Series	Polymeric Removable Fabric Media	1	1 Year	Matt	150 Micron	Clear Removable
DPF 207 Series	Polymeric Removable White Wall Media	1	1 Year	Matt	150 Micron	Clear Removable

NESCHEN	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
Solvoprint Wallpaper	Printable wallpaper with textured surface for smooth wall applications	1	1 Year	Matt	410 Micron	N/A

Banner Media



	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
Solvoprint Banner Film	PVC Frontlit Banner Film for indoor and outdoor applications	1	Up to 2 Year	Matt	405 Micron	N/A

Poster Paper



	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
Poster Paper	Satin White Poster Paper	1	N/A	White	185 Micron	N/A

Floor Graphic Printing Film

A range of digital print films, designed specifically for the production of interior and exterior floor graphics.



	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
162 Series	Interior Floor Graphic	1	6-12 Month	White or Transparent	100 Micron	Grey Pigmented Removable
3645 Series	Overlamine for Interior Floor Graphic Film	1	6-12 Month	Gloss	300 Micron	Clear Permanent
9008 Series	30 Day Interior Floor Graphic	1	30 Day	White or Transparent	100 Micron	Clear Removable
3649 Series	Overlamine for 30 Day Interior Floor Graphic Film	1	30 Day	Matt	130 Micron	Clear Permanent
3662 Series	Exterior Short Term Floor Graphic	1	3 Month	White	50 Micron	Positionable Grey Pigmented Removable
3647 Series	Overlamine for Exterior Floor Graphic Film	1	3 Month	Matt	475 Micron	Clear Permanent

Speciality Overlaminates Film

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
8993 Series	Protection Film for Public Transport Vehicles	1	6 Year Warranty	Gloss	40-55 Micron	Clear Permanent
8991 Series	For Easy Clean Surface Protection	1	6-8 Year Warranty	High Gloss	100 Micron	Clear Permanent

Window Film

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
8150 Series	Cast, Optically Clear Printing Film	1	7 Year	Gloss	50 Micron	Clear Removable

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF 50WD	Polymeric Promotional Film	2	2 Year	Matt	90 Micron	Clear, Removable, Pressure Sensitive

ContraVision® Perforated Window Film & Overlaminates

contrAvision®	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
ContraVision® Performance™	Polymeric Perforated Film with Replacement or Additional Liner for Outside Application	8	3 Year Exterior	White on Black	180 Micron	Removable
ContraVision® Performance™	Polymeric Perforated Film with Replacement or Additional Liner for Inside Application	4	3 Year	Clear	180 Micron	Removable
ContraVision® Backlite	Polymeric Calendered with Grayliner Technology for Outside Application	4	3 Year Exterior	Translucent White	180 Micron	Removable
ContraVision® Sprint	Monomeric Calendered with Grayliner Technology for Inside Application	2	6 Months	Translucent White	180 Micron	Removable
ContraVision® Sprint	Monomeric Calendered with Grayliner Technology for Inside Application	2	6 Months	White on Black	180 Micron	Removable
ContraVision® Campaign	Monomeric Calendered with Replacement or Additional Liner for Outside Application	4	1 Year	White on Black	180 Micron	Removable
ContraVision® Open	Polymeric Calendered Perforated Film with Open Liner for Inside Application	2	3 Year	White on Black	180 Micron	Removable
ContraVision® Open	Polymeric Calendered Perforated Film with Open Liner for Inside Application	1	3 Year	Clear	180 Micron	Removable
ContraVision® Open	Polymeric Calendered Perforated Film with Open Liner for Inside Application	1	3 Year	Translucent White	180 Micron	Removable

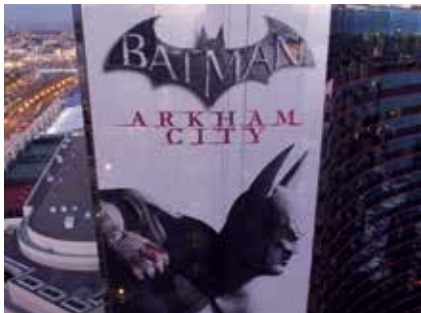
ContraVision® Perforated Window Film & Overlaminates

contrAvision®	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
CL20YY	Polyester Laminating Film for use on PWF on Flat Surfaces	1	3 Year	Gloss	20 Micron	Optically Clear
CL50CY	Cast PVC Laminating Film for use on PWF on Curved Surfaces	1	3 Year	Gloss	50 Micron	Optically Clear
CL75PY	Polymeric PVC Laminating Film for use on PWF on Complex Curved Surfaces	1	3 Year	Gloss	75 Micron	Optically Clear

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
3200 Series	Overlaminates for use with Contra Vision® Curved Applications	1	7 Year Warranty	Gloss	50 Micron	Optically Clear

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
8173 Series PWGF	Perforated Window Graphic Film	2	1 Year Exterior	-	160-180 Micron	Clear Removable
8914i Series	Overlaminates for Perforated Window Graphic Film (Optically Clear)	1	1 Year Exterior	-	50 Micron	Clear Removable

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
DPF45WF	Perforated Black-Back Calendered Film	1	1 Year Exterior	-	150 Micron	Clear Removable



Screen Printing Film

Graphic marking films suitable for screen printing.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
180 Series 180C Series	Cast Intermediate to Long Term Film	2	8 Year Warranty	Gloss White	50 Micron	Grey Removable Controltac (Comply Optional)
3650B Series	Premium Cast PVC Film	1	8 Year Warranty	Gloss White	50 Micron	Clear or Grey Pigmented (Petrol Resistant)
3470 Series	Polymeric Calendered Scuff-Resistant Film	1	3 Year Warranty	Matt White	100 Micron	Grey Removable
3669D Series	Premium Cast Transparent Film	1	8 Year Warranty	Transparent	50 Micron	Clear Permanent (Petrol Resistant)
3690A Series	Cast PVC Film	1	Up to 7 Year Warranty	Gloss White	100 Micron	Aggressive Grey Pigmented Permanent



Decorative Window Film

Designed primarily for window applications, this range can be used to etch decorative effects, such as dusted and frosted and also incorporates perforated graphic markings.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
5525se-300 Series	Polymeric Calendered Haze and Sandblast	2	5 Year	Matt	75-80 Micron	Clear Permanent
7725se-300 Series	Cast Etch Film Dusted and Frosted	6	5 Year	Matt	50 Micron	Clear Permanent
Fasara	Patterned Film	5	5 Year Internal only	Gloss	75 Micron	Clear Permanent
8150 Series	Cast, Optically Clear Printing Film	1	7 Year	Gloss	50 Micron	Clear Removable

ARLON	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
5400 Series	Polymeric Calendered Etch Silver Film	1	Up to 3 Year	Gloss	100 Micron	Pressure Sensitive

Glazing Protection Window Film

A range of safety and protective window films from 3M for many different applications including bomb blast protection, solar control, fading, anti smash and grab, anti graffiti, reduced glare and low reflective.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
Safety and Security Film	Anti-Breakage	5	5-10 Year	-	-	-
Ultra Protection Film	Blast Protection	5	10 Year	-	-	-
External Solar Control Film	Silver, Neutral and Bronze	6	5 Year	-	-	-
Internal Solar Control Film	Silver, Neutral, Amber and Nickel	9	7-10 Year	-	-	-
Night Vision Film	Low Reflective Bronze Tinted	3	10 Year	-	-	-
Opaque Privacy Film	Interior Design	1	10 Year	-	-	-
Scotchint FX Window Film	Automotive Window Film	3	Limited 3 Year	-	-	-
Scotchint CS Window Film	Automotive Window Film (Colour Stable)	3	Limited Life Time	-	-	-

Reflective Film

Designed to give optimum reflective performance in all weather conditions by day and night, this extensive range caters for both traffic and commercial applications.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
680 Series	For flat surface commercial multi-coloured displays, signs, letters and logos	10	5-8 Year Warranty	-	180-200	Clear Repositionable Permanent
3290i Series	Engineering Grade Class Ref 1*	6	7 Year Warranty	-	152 Micron	White Permanent
3260 Series	Engineering Grade Class Ref 1 (Sprocketed)*	1	7 Year Warranty	-	152 Micron	White Permanent
3430 Series	Engineering Grade Prismatic Reflective Sheeting	6	7 Year Warranty	-	279 Micron	White Permanent
3930 Series	High Intensity Prismatic Class Ref 2*	6	12 Year Warranty	-	406 Micron	White Permanent
4000 Series	Diamond Grade ³ *	8	12 Year Warranty	-	430 Micron	White Permanent
4090X Series	Diamond Grade ³ (Reflector Material-Remote Sensing)	1	12 Year Warranty	-	430 Micron	White Permanent
4090-T Series	Diamond Grade ³ (For use on internally illuminated signfaces)*	1	12 Year Warranty	-	430 Micron	White Permanent
3210 Series	Engineering Grade Class Ref 1 (Temporary)*	2	2 Year	-	152 Micron	White Permanent
3930CWZ Series	High Intensity Prismatic (Temporary)*	2	2 Year	-	406 Micron	White Permanent
4051 Series	Diamond Grade ³ (Temporary)*	1	2 Year	-	430 Micron	White Permanent
Hazard Warning Tape	Used to Highlight Hazards	2	3 Year Warranty	-	152 Micron	White Permanent

* Primarily used for traffic signs

Fluorescent Film

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
3480 Series	Polymeric Calendered	3	3 Year Warranty	-	150 Micron	White Removable
7725-400 Series	Cast	3	2 Year Warranty	-	100 Micron	White Removable

Vehicle Safety Marking Tape

These high visibility vehicle safety marking tapes provide up to nine times greater reflectivity than standard reflective films, designed to increase the safety of road users in poor visibility conditions.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
980 Series	High Visibility Markings for Vehicles*	3	7 Year Warranty	-	380 Micron	Clear Permanent
983 Series	High Visibility Markings for Rigid Sided Vehicles (ECE104)	7	8 Year Warranty	-	380 Micron	Clear Permanent
997 Series	High Visibility for Curtain Sided Vehicles (ECE104)	6	3 Year Warranty	-	440 Micron Max	Clear Pressure Sensitive
9900 Series	High Visibility Markings for Emergency Vehicles	4	7 Year Warranty	-	430 Micron	Clear Permanent

* 980-72 Red suitable for Chapter 8 chevron markings.



Protective Overlay Film

Protection and colours for traffic sign faces.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
1150 Series	Anti-Dirt and Anti-Graffiti Solvent Resistant	1	7-12 Year	-	25 Micron	Clear Pressure Sensitive
1160 Series	Anti-Fly Posting Solvent Resistant	1	7-12 Year	-	75 Micron	Clear Pressure Sensitive
1170 Series	Transparent Coloured	6	7-12 Year	-	-	Clear Pressure Sensitive
1170 Series	Transparent Coloured (Sprocketted)	3	7-12 Year	-	-	Clear Pressure Sensitive
1180 Series	Dew Resistant	1	7 Year	-	25 Micron	Clear Pressure Sensitive

Speciality Film

For decorative and special effects, this range includes mirror finish, pearlescent and photoluminescent films for when something different is required.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
7755se Series	Cast Mirror Effect Film	3	5 Year	-	80-110 Micron	Clear Permanent
DI-NOC	PVC Durable, Flexible Laminate Film	19*	5-12 Year	-	215 Typical	Comply Adhesive

* There are 19 Product Families in the range and over 600 types within those families

Road Marking Material

3M Stamark Road Marking Tapes are a range of preformed self-adhesive road markings designed to provide excellent performance and ease of application.

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
A380ESD	Permanent Road Marking Tape	1	Conditions Dependent	-	3000 Micron	-
A310AWS	Permanent Road Marking Tape	2	Conditions Dependent	-	1500 Micron	-
A710 Series	Temporary Removable Road Marking Tape	1	Conditions Dependent	-	1500 Micron	-
A715 Series	Temporary Removable Road Marking Tape - Black	1	Conditions Dependent	-	1500 Micron	-

Application Tape



A complete range of low to high tack pre-masking and pre-spacing application tapes, designed to aid the application of self-adhesive films to substrates.

Rtape	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
R Tape Aplitape	Standard Paper Tapes Translucent	4	-	-	100-115	Low to Very High Tack Removable
R Tape Conform Standard	Conform Standard Paper Tapes Translucent	3	-	-	100-115	Low to High Tack Removable
R Tape Conform Premium	Conform Standard Paper Tapes Translucent	2	-	-	125-138	Medium and High Tack Removable
R Tape Premium	Premium Paper Tape Translucent	1	-	-	140-146	Super High Tack Removable
R Tape Clear	Clear Application Tapes Transparent	3	-	-	108-163	Low to High Tack Removable

3M	DESCRIPTION	TYPES	DURABILITY	FINISH	THICKNESS	ADHESIVE
Premium Grade Paper	Paper Pre-Masking and Pre-Spacing Tapes	5	-	-	110-120	Medium Grab Removable High Grab Removable Very High Grab Removable

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