WILLIAM
SMITH



WILLIAM SMITH VEHICLE WRAPPING

THE PROFESSIONAL'S CHOICE.

THE PROFESSIONAL'S CHOICE.
THE DIFFERENCE IS IN THE DETAIL.

As part of William Smith Group 1832, William Smith is 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.

Vehicle Wrapping Films

With the popularity of vehicle wrapping as a business advertising medium, we can supply a range of films and accessories to achieve outstanding results.

Create an exciting first impression
A smartly wrapped vehicle can reinforce your company's brand and reassure customers they're dealing with experts. Vehicle wraps capture the attention of potential customers; "...on average a commercial vehicle can be seen by 3,000 people every hour..." Independent survey carried out.

Protect your business reputation
70% of consumers are more likely to employ a company's services based on the appearance of their vehicles. With vehicle wraps, every mile you drive can help promote your business.

Protect your assets and increase their resale value
Vehicle wraps will protect your paintwork against stone chips and minor abrasions. The wrap can be fully removed at the end of the vehicles use maximising the potential resale value.

3M · AVERY DENNISON · ARLON · VIONⓇ · CHEETAHPCC PROTECTIVE COLOR CHANGE

We offer a knowledge hub for the trade, containing videos, galleries, product and application bulletins, hints, tips and FAQs about vehicle wrapping. We're offering our knowledge of the tools and materials we supply, to help you in your vehicle wrap applications.

To access this useful information visit our website:
williamsmith.co.uk/vehicle-wrapping

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"The best thing about vinyl wrapping is that there's no four week wait. A full wrap can be completed in just two days from start to finish. And with decent bodywork, it will look just as good as a re-spray but can cost half the price."

Mark Riccioni, Max Power



HINTS & TIPS

Wrap Film Features, the detail...

REPOSITIONABILITY

- 3M™ Controltac™ - slide and reposition graphics before activating the adhesive with pressure for perfect results.
- Avery Dennison® Repositionable and Slideable (RS) - adhesive technology that allows repositionability and slideability of graphics.
- Arlon FLITE™ technology - a lite contact adhesive system allowing graphics to float over a substrate until firm pressure and heat is applied.

AIR RELEASE LINER TECHNOLOGY

- 3M™ Comply™ - non-visible air channels offer the ultimate air release technology for bubble free application.
- 3M™ microComply™ - micro air channel technology for a smooth visual appearance.
- Avery Dennison® Easy Apply™ (EA) - air egress system to reduce the risk of bubbles.
- Arlon X-Scape Technology™ - air egress technology.
- Arlon LX - smooth finish, low profile X-Scape Technology™ air egress technology.

We provide all the essential wrap tools...

To complement our trade sign manufacturing and material supply service, we now hold an extensive range of high performance tools and accessories to help anyone using self-adhesive films complete their projects professionally and without any fuss.

Visit williamsmith.co.uk/brochures to download our latest Tools and Accessories Brochure

VION



VION VWRAP PRO

A white, cast digital print film featuring VFLOW+ technology for optimised air release and EZYGLIDE for excellent repositionability, conforming to complex curves and deep channels.

KEY FEATURES:

- **Cast PVC**
- **Up to 10-year durability (unprinted)**
- **External use**
- **50 micron**
- **Grey, permanent adhesive**

CODE/COLOUR:

VWrap Pro Gloss White Grey Adhesive with VFLOW+ and EZYGLIDE

RECOMMENDED OVERLAMINATE:

VL10-G Gloss Overlaminate,
VL10-M Matt Overlaminate

10 °C	100 °C	VFLOW+ EZYGLIDE	Deep / U Shape
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE



3M™ PRINT WRAP FILM IJ280

A premium cast white film with pressure activated adhesive resulting in epic conformability and smooth installation, even with the deepest corners and compound curves. Improved features include fantastic repositionability and slideability, better print quality and the new Comply air release v4.

KEY FEATURES:

- Cast
- 8 year durability (clean removal with heat, 8 years warranty)
- Internal, external use
- 50 micron
- Grey, permanent adhesive

4-38 °C	95 °C	Controltac™ Comply V4	Deep / U Shape
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE

CODE/COLOUR:

IJ280 White
IJ280/8428G White / Gloss Clear

RECOMMENDED OVERLAMINATE:

8428G

*Any 3M cast laminate could be matched

FILMS FOR **DIGITAL PRINT**



3M™ PRINT WRAP FILM SERIES IJ180MC

A premium cast digital film with comply adhesive with micro technology. Suitable for flat, curved and corrugated surfaces.

KEY FEATURES:

- Cast PVC
- 10 year durability
- Internal, external use
- 50 micron
- Grey, permanent adhesive

4-38 °C	100 °C	Comply™ Controltac™	Deep / U Shape (30% Max)
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE

CODE/COLOUR:

IJ180mC-10 Gloss White Micro Comply
IJ180mC-114 Gloss Clear Micro Comply
IJ180mC-120 Metallic Micro-Comply
IJ180mC-10 LSE Gloss White Micro-Comply (Low Surface Energy)

RECOMMENDED OVERLAMINATE:

8518, 8520, 8548G



AVERY DENNISON MPI 1104 PREMIUM WRAP SERIES

A highly conformable and reliable solution for 3D applications and dynamic designs. With an all-new adhesive system, this film enhances repositionability, making installation faster, easier and more efficient.

KEY FEATURES:

- Cast PVC
- Up to 7 years durability (unprinted)
- Internal, external use
- 50 microns
- Grey, permanent adhesive

CODE/COLOUR:

MPI 1104 EA PW - Gloss White
Repositionable Easy Apply Premium Wrap

RECOMMENDED OVERLAMINATE:

DOL 1460 Gloss



FILMS FOR **DIGITAL PRINT**



AVERY DENNISON MPI 1103 EA SMART WRAP+ SERIES

Featuring an advanced air egress system and repositionable adhesive, which allows for quick, bubble-free installation. This not only reduces application time but also ensures a smooth, flawless finish every time.

KEY FEATURES:

- Cast PVC
- Up to 7 year durability
- Internal, external use
- 50 microns
- Grey, permanent adhesive

CODE/COLOUR:

MPI 1103 EA SW+ Gloss White Smart Wrap+

RECOMMENDED OVERLAMINATE:

DOL 1360 Gloss Overlaminate





AVERY DENNISON MPI 1104 CAST SERIES

A highly conformable cast gloss white film which copes easily with 3D challenges such as rivets and corrugations. Available with Easy Apply Technology.

KEY FEATURES:

- Cast PVC
- 7 year durability
- Internal, external use
- 50 micron
- Grey, permanent adhesive

CODE/COLOUR:

MPI 1104EA Gloss White Repositionable Easy Apply

RECOMMENDED OVERLAMINATE:

DOL 1460 Z Gloss, DOL 1480 Z Matt



FILMS FOR **DIGITAL PRINT**



AVERY DENNISON MPI 1105 WRAPPING SERIES

A premium gloss white opaque cast vinyl with superb 3D comfortability. Ideal for long term fleet applications, coping easily with challenges such as rivets and corrugations.

KEY FEATURES:

- Cast PVC
- 10 year durability
- Internal, external use
- 50 micron
- Grey, permanent adhesive

CODE/COLOUR:

MPI1105 EA RS Gloss White Easy Apply Repositionable

RECOMMENDED OVERLAMINATE:

DOL 1460 Gloss, DOL 1480 Matt





ARLON DPF 4650GLX

A white gloss high performance calendered film with a tinted, clean removing, repositionable adhesive for flat applications and simple curves.

KEY FEATURES:

- High Performance Calendered
- Up to 7 year durability
- Internal, external use
- 70 micron
- Tinted, permanent or removable adhesive

CODE/COLOUR:

DPF4650GLX Gloss White X-Scape

RECOMMENDED OVERLAMINATE:

3460



FILMS FOR **DIGITAL PRINT**



ARLON FUSION WRAP + FLITE™ TECHNOLOGY

A white gloss high-performance polymeric film with FLITE™ Technology. Superior comfortability, great for vehicle wraps and graphics with simple to moderate curves.

KEY FEATURES:

- Calendered Polymeric PVC
- 7 year durability
- Internal, external use
- 60 micron
- Tinted, permanent adhesive

CODE/COLOUR:

Fusion Wrap Gloss White with FLITE™

RECOMMENDED OVERLAMINATE:

3170, 3270M





ARLON DPF 6000 SERIES

A gloss white premium cast film with special adhesive designed to provide excellent opacity, with superior conformability around rivets, curves and contours.

KEY FEATURES:

- Cast PVC
- Up to 7 year durability
- External use
- 50 micron
- Grey permanent adhesive

CODE/COLOUR:

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

RECOMMENDED OVERLAMINATE:

3210G, 3220M

4 °C	100 °C	Repositionable / Xscape Technology™	Deep / U Shape
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE



ARLON DPF 6100XLP

A very popular cast film with superior conformability around rivets, curves, contours and channels. Includes bubble releasing, pressure- sensitive adhesive.

KEY FEATURES:

- Cast PVC
- 10 year durability
- Internal, external use
- 50 micron
- Grey, permanent adhesive

CODE/COLOUR:

DPF6100XLP Gloss White Low Profile X-Scape

RECOMMENDED OVERLAMINATE:

3210G, 3220M

4 °C	100 °C	Repositionable / Xscape Technology™	Deep / U Shape
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE



ARLON SLX CAST WRAP

A repositionable cast film with FLITE Technology, allowing the film to float over substrates. Fast installation conforming around rivets, complex curves and deep channels.

KEY FEATURES:

- Premium Cast PVC
- 10 year durability
- External use
- 50 micron
- Light grey, permanent adhesive

CODE/COLOUR:

SLX gloss White FLITE™ Technology

RECOMMENDED OVERLAMINATE:

3270, 3210, 3220



FILMS FOR **DIGITAL PRINT**



ARLON SLX+

An ultra-repositionable all season cast wrap film, designed to perform its best in a wide temperature range. With deep channel warranty it offers exceptional multi-surface adhesion and Flite Technology.

KEY FEATURES:

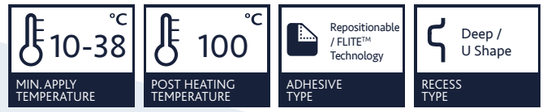
- Cast PVC
- 10 year durability
- Internal, external use
- 50 micron
- Grey, permanent adhesive

CODE/COLOUR:

SLX+ Gloss White Flite Technology & Fast Adhesive Bonding

RECOMMENDED OVERLAMINATE:

3210, 3220, 3270





3M™ SCOTCHLITE™ PRINT WRAP FILM 780MC

A white, flexible, enclosed-lens digital print film offers robust retroreflective technology, which achieves a very dramatic appearance-enhanced at night.

KEY FEATURES:

- Cast PVC
- 9 year durability
- Internal, external use
- 165 micron
- Clear removable adhesive

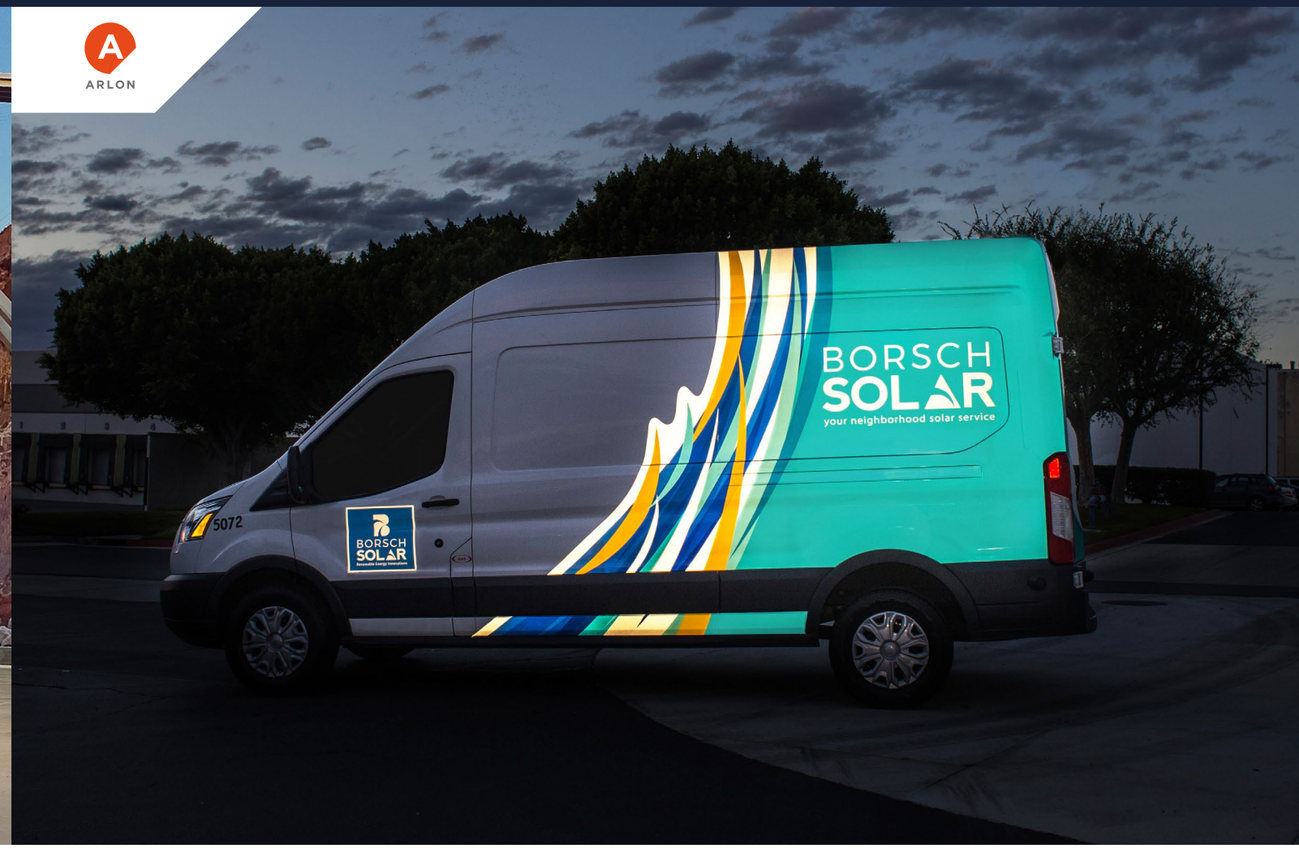
CODE/COLOUR:

780mC-10R White Reflective Removable

RECOMMENDED OVERLAMINATE:

8518

MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE
4-38 °C	100 °C	Controltac™ / micro Comply™	Single Step



ARLON ILLUMINITE WRAP™ + FLITE™ TECHNOLOGY

A digital print reflective vinyl film featuring FLITE Technology, which allows for exceptional repositionability and easily conforms to irregular surfaces and glides over smooth surfaces.

KEY FEATURES:

- Cast PVC
- Up to 7 year durability
- External use
- 125 micron
- Light grey, permanent adhesive

CODE/COLOUR:

IllumiNITE White Reflective with FLITE™ Technology

RECOMMENDED OVERLAMINATE:

3220, 3210

MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE
+15 °C	100 °C	Repositionable / FLITE™ Technology	Single Step



ARLON DPF V9700

A premium PVC-free cast polyurethane film with FLITE™ Technology. Superior conformability for vehicle wraps and graphics with deep channels and complex curves.

KEY FEATURES:

- Cast PVC-Free Polyurethane
- Up to 12 years durability
- Internal, External use
- 50 micron
- Grey, permanent adhesive

CODE/COLOUR:

DPF V9700 Gloss White FLITE™ Technology

RECOMMENDED OVERLAMINATE:

V3370

16 °C	100 °C	Repositionable / FLITE™ Technology	Deep / U Shape
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE



3M™ ENVISION™ PRINT WRAP FILMS 480MC

A PVC Free digital printing film, ideal for long term applications on smooth surfaces. It's highly conformable over compound curves, corrugations, deep channels and rivets.

KEY FEATURES:

- PVC Free polymer
- 12 year durability
- Internal, external use
- 50 micron
- Grey, permanent adhesive

CODE/COLOUR:

LX480mC Gloss White Micro Comply™
SV480mC Gloss White Micro Comply™

RECOMMENDED OVERLAMINATE:

8548G, 8549L

+10 °C	100 °C	Controltac™ / micro Comply™	Deep / U Shape
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE



3M™ ENVISION SERIES PL50MC

This next-generation non-PVC film is designed for short-term applications that require excellent print quality, conformability and removability. Made from 40% bio-based materials, derived from non-food source corn, this film features Comply and Controltac technologies for fast, easy an bubble-free installation!

KEY FEATURES:

- Non-PVC
- Up to 2 years durability (5 years unprinted)
- Interior, exterior use
- 50 microns
- Grey, permanent adhesive

MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE
4-32 °C	100 °C	Controltac™ / micro Comply™	Deep / U Shape

CODE/COLOUR:

PL50mC - White Micro-Comply Non-PVC

RECOMMENDED OVERLAMINATE:

30 Scotchcal Gloss 8518



AVERY DENNISON SP 1504 EASY APPLY

A NEW premium digitally printable film that is PVC-free, a more environmentally friendly choice that delivers high performance. Excellent printability delivers stunning colours, it is highly conformable and repositionable, including corrugations, curves and rivets.

KEY FEATURES:

- PVC-Free
- Up to 10 years durability unprinted
- Internal, external use
- 60 micron
- Permanent, grey acrylic-based adhesive

MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE
10 °C	90 °C	Repositionable / Easy Apply	Deep / U Shape

CODE/COLOUR:

SP 1504 EA Gloss White PVC-free Easy Apply
SP 1504 EA/DOL 6460

RECOMMENDED OVERLAMINATE:

DOL 6460



HINTS & TIPS

Outgassing...

WHY SHOULD I OUTGAS?

Solvents still within the prints will cause the film to feel tacky when applying. Solvents soften the adhesive, removing any adhesive benefits. Once the graphic is applied, the solvent continues to soften and weaken the adhesive. Be careful with edges and recesses, where the adhesive is weakened and no longer able to adhere, causing the film to 'pop' from the recess.

HOW SHOULD I OUTGAS?

Outgassing is the process of removing solvents from the printed graphic. Prior to lamination, prints should be left at 23°C, for a minimum of up to 48 Hours. Images with dense colours may need more time. There should be a constant flow of air over the graphics to ensure the solvent is moved away from the face. As solvent is heavier than air, it will not move unless aided from airflow.

Top Tip: Hang panels like washing or use drying cabinets.

Post heating...

WHY SHOULD I POST HEAT?

Post heating speeds up the process of adhesive flow and helps reach maximum adhesive bond over a short amount of time.

HOW SHOULD I POST HEAT?

Post heating must be done after each panel is completed using a digital thermometer for accurate temperatures. Always remove the heat gun from the area you're measuring, heat and measure every 3-4 inches referring to product bulletins for recommended temperatures. Use a small channel roller in the recesses.



AVERY DENNISON CONFORM CHROME

A premium quality semi-conformable film, features Easy Apply Technology, suitable for flat, concave and convex surfaces where chrome details are desired.



KEY FEATURES:

- **Premium specialty film**
- **Up to 3 year durability**
- **External use**
- **142 micron**
- **Removable adhesive**

4-38 °C	100 °C	Controltac™ / micro Comply™	Single Step
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE



AVERY DENNISON SUPREME WRAPPING™ FILM

A large range of premium cast, dual layer films for solid colour vehicle detailing and full wraps. Features Easy Apply Technology with excellent conformability on concave and convex shapes including deep channels.

KEY FEATURES:

- Cast PVC
- Up to 12 year durability
- External use
- 80 micron
- Clear permanent adhesive

10 °C	90-95 °C	Easy Apply™/ Repositionable and Slideable	Deep / U Shape
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE

EXTREME TEXTURE

SWF 612 Carbon Fibre Black	SWF 622 Brushed Black	SWF 623 Brushed Aluminium
SWF 624 Brushed Steel	SWF 625 Brushed Titanium	SWF 630 Brushed Bronze

GLOSS

SWF 010 Gloss White	SWF 012 Gloss Black	SWF 013 Gloss Eclipse
SWF 020 Gloss Yellow	SWF 021 Gloss Dark Yellow	SWF 022 Gloss Ambulance Yellow
SWF 030 Gloss Orange	SWF 040 Gloss Red	SWF 041 Gloss Soft Red
SWF 042 Gloss Cardinal Red	SWF 043 Gloss Carmine Red	SWF 044 Gloss Burgundy

Colours available in Avery Dennison Supreme Wrapping™ Film...

GLOSS

SWF 046 Gloss Pool Party Pink	SWF 047 Gloss Kashubian Sunset Pink	SWF 050 Gloss Blue	SWF 051 Gloss Dark Blue	SWF 052 Gloss Indigo Blue	SWF 053 Gloss Intense Blue	SWF 054 Gloss Light Blue	SWF 057 Sea Breeze Blue
SWF 058 Gloss Magnetic Burst	SWF 059 Gloss Aqua Blue	SWF 060 Gloss Dark Green	SWF 061 Gloss Emerald Green	SWF 062 Gloss Lime Green	SWF 063 Gloss Grass Green	SWF 064 Light Pistachio	SWF 066 Gloss Tropical Vacation Green
SWF 067 Gloss Smooth Sage	SWF 070 Gloss Grey	SWF 071 Gloss Dark Grey	SWF 073 Gloss Light Grey	SWF 074 Gloss Rock Grey	SWF 075 Gloss Misty Grey	SWF 0500 Gloss Turquoise Ocean	SWF 0501 Gloss Park Avenue Blue
SWF 511 Gloss Pearl White Snow	SWF 818 Gloss Obsidian Black						

GLOSS METALLIC

SWF 065 Gloss Metallic Radioactive	SWF 212 Gloss Metallic Black	SWF 213 Gloss Metallic Mystery Black	SWF 231 Gloss Metallic Brown	SWF 235 Gloss Metallic Gold	SWF 241 Gloss Metallic Passion Red	SWF 242 Gloss Metallic Pure Red	SWF 243 Gloss Metallic Cosmic Rose
SWF 250 Gloss Metallic Dark Blue	SWF 251 Gloss Metallic Bright Blue	SWF 252 Gloss Metallic Mysterious Indigo	SWF 253 Gloss Metallic Frozen Wave	SWF 270 Gloss Metallic Grey	SWF 273 Gloss Metallic Quick Silver	SWF 274 Gloss Metallic Silver	SWF 275 Gloss Metallic Pride Prismatic Grey
SWF 281 Gloss Metallic Fun Purple	SWF 282 Gloss Metallic Vibrant Violet	SWF 283 Gloss Metallic Power Purple					

MATT

SWF 110 Matt White	SWF 112 Matt Black	SWF 130 Matt Orange	SWF 150 Matt Blue	SWF 151 Matt Dreamline Blue	SWF 161 Matt Khaki Green	SWF 162 Matt Olive Green	SWF 170 Matt Dark Grey
SWF 171 Matt Lake Grey							

MATT METALLIC

SWF 333 Matt Metallic Brown	SWF 341 Matt Metallic Cherry	SWF 342 Matt Metallic Garnet Red	SWF 345 Matt Metallic Pink	SWF 350 Matt Metallic Blue	SWF 351 Matt Metallic Brilliant Blue	SWF 354 Matt Metallic Frosty Blue	SWF 355 Matt Metallic Night Blue
SWF 358 Matt Metallic Purple	SWF 359 Matt Metallic Calm Tide	SWF 361 Matt Metallic Apple Green	SWF 362 Matt Metallic Emerald	SWF 363 Matt Metallic Moss Green	SWF 370 Matt Metallic Silver	SWF 372 Matt Metallic Gunmetal	SWF 373 Matt Metallic Charcoal
SWF 374 Matt Metallic Grey							

SATIN

SWF 410 Satin White	SWF 411 Satin Pearl White	SWF 412 Satin Black	SWF 430 Satin Sunset Ride	SWF 441 Satin Carmine Red	SWF 445 Satin Bubblegum Pink	SWF 450 Satin Dark Basalt	SWF 462 Satin Khaki Green
SWF 463 Satin Jade	SWF 806 Satin Solar Dawn	SWF 807 Satin Frozen Ocean	SWF 808 Satin Moonstone	SWF 990 Satin Flamingo Dance			

SATIN METALLIC

SWF 821 Satin Metallic Energetic Yellow	SWF 911 Satin Metallic Black Rock Grey	SWF 931 Satin Metallic Stunning Orange	SWF 933 Satin Metallic Light Brown	SWF 934 Satin Metallic Hans Brown	SWF 952 Satin Metallic Dark Blue	SWF 955 Satin Metallic Grey Blue	SWF 957 Satin Metallic Cool Teal
SWF 962 Satin Metallic Lively Green	SWF 963 Satin Metallic Cyber Green	SWF 971 Satin Metallic Dove Grey	SWF 972 Satin Metallic Space Silver	SWF 973 Satin Metallic Spy Grey	SWF 977 Satin Metallic Light Grey	SWF 978 Satin Metallic Graphite	

PEARL

SWF 510 Pearl White	SWF 541 Pearl Tutu Pink	SWF 561 Pearl Light Green	SWF 562 Pearl Dark Green				

RUGGED

SWF 613 Rugged Onyx Black	SWF 661 Rugged Combat Green	SWF 662 Rugged Marsh Green	SWF 671 Rugged Combat Green				

DIAMOND

SWF 710 Diamond White	SWF 721 Diamond Amber	SWF 740 Diamond Red	SWF 750 Diamond Blue	SWF 770 Diamond Silver			

COLOR FLOW

SWF 801 Fresh Spring (Gold/Silver)	SWF 802 Roaring Thunder (Blue/Red)	SWF 803 Rising Sun (Red/Gold)	SWF 804 Rushing Riptide (Cyan/Purple)	SWF 805 Urban Jungle (Silver/Green)	SWF 807 Satin Frozen Ocean (Cyan/Blue)	SWF 808 Satin Moonstone (Silver/Blue)	SWF 811 Gloss Fresh Spring (Gold/Silver)
SWF 812 Gloss Roaring Thunder (Blue/Red)	SWF 813 Gloss Rising Sun (Red/Gold)	SWF 814 Gloss Rushing Riptide (Cyan/Purple)	SWF 815 Gloss Urban Jungle (Silver/Green)	SWF 816 Gloss Lightening Ridge	SWF 817 Satin Lightening Ridge	SWF 819 Gloss Hidden Forest (Grey/Green)	



3M™ WRAP FILM SERIES 2080

A multi-layer 3D conformable cast self-adhesive film for solid colour wraps. Gloss colours have a clear protective film layer to help prevent scratching on installation.

KEY FEATURES:

- Cast PVC
- Up to 8 year durability
- External use
- 90 micron
- Grey, permanent adhesive

MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE
16-32 °C	100+ °C	Controltac™ / Comply™	Deep / U Shape

Colours available in 3M™ Wrap Film Series 2080...

HIGH GLOSS

2080-HG10 High Gloss White
2080-HG12 High Gloss Black
2080-HG13 High Gloss Hot Rod Red
2080-HG14 High Gloss Burnt Orange
2080-HG15 High Gloss Bright Yellow
2080-HG26 High Gloss Military Green
2080-HG31 High Gloss Storm Grey
2080-HG36 High Gloss Mantis Green
2080-HG61 High Gloss Nardo Gray
2080-HG65 High Gloss Citric Acid
2080-HG73 High Gloss Ruby Rosso
2080-HG81 High Gloss Meteor Gray
2080-HG77 High Gloss Sky Blue
2080-HG120 High Gloss White Aluminum
2080-HG212 High Gloss Black Metallic
2080-HG258 High Gloss Plum Explosion
2080-HG336 High Gloss Green Envy
2080-HG378 High Gloss Blue Raspberry

GLOSS

2080-G10 Gloss White
2080-G12 Gloss Black
2080-G13 Gloss Hot Rod Red
2080-G14 Gloss Burnt Orange
2080-G15 Gloss Bright Yellow
2080-G16 Gloss Light Green
2080-G24 Gloss Deep Orange
2080-G25 Gloss Sunflower
2080-G31 Storm Grey
2080-G46 Gloss Kelly Green
2080-G47 Gloss Intense Blue
2080-G53 Gloss Flame Red
2080-G54 Gloss Bright Orange
2080-G55 Gloss Lucid Yellow
2080-G77 Gloss Sky Blue
2080-G79 Gloss Light Ivory
2080-G120 Gloss White Aluminium
2080-G127 Gloss Boat Blue
2080-G201 Gloss Anthracite
2080-GP240 Gloss White Gold Sparkle
2080-G251 Gloss Sterling Silver
2080-GP272 Gloss Midnight Blue
2080-GP282 Gloss Ember Black
2080-G336 Gloss Green Envy
2080-G337 Gloss Fire Blue
2080-G344 Gloss Liquid Copper
2080-G348 Gloss Fierce Fuchsia
2080-G356 Gloss Atomic Teal
2080-G363 Gloss Dragon Fire Red
2080-G364 Gloss Fiery Orange
2080-G377 Gloss Cosmic Blue
2080-G378 Gloss Blue Raspberry

GLOSS METALLIC

2080-G203 Gloss Red Metallic
2080-G211 Gloss Charcoal Metallic
2080-G212 Gloss Black Metallic
2080-G127 Gloss Boat Blue
2080-G217 Gloss Deep Blue Metallic
2080-G227 Gloss Blue Metallic

MATT

2080-M10 Matt White
2080-M12 Matt Black
2080-DM12 Dead Matt Black
2080-M13 Matt Red
2080-M21 Matt Silver
2080-M22 Matt Deep Black
2080-M26 Matt Military Green
2080-M27 Matt Indigo
2080-M33 Matt Strawberry Red
2080-M230 Matt Grey Aluminum
2080-M261 Matt Dark Gray

MATT METALLIC

2080-M203 Matt Red Metallic
2080-M206 Matt Pine Green Metallic
2080-M209 Matt Brown Metallic
2080-M211 Matt Charcoal Metallic
2080-M212 Matt Black Metallic
2080-M217 Matt Slate Blue Metallic
2080-M227 Matt Blue Metallic

BRUSHED METALLIC

2080-BR120 Brushed Aluminium
2080-BR201 Brushed Steel
2080-BR212 Brushed Black Metallic
2080-BR230 Brushed Titanium

SATIN

2080-S10 Satin White
2080-SP10 Satin Pearl White
2080-S12 Satin Black
2080-S23 Satin Velvet Rose
2080-S49 Satin Sandstone
2080-S51 Satin Battleship Grey
2080-S57 Satin Key West
2080-S87 Satin Lunar Blue
2080-S120 Satin White Aluminium
2080-S196 Satin Apple Green
2080-SP240 Satin Frozen Vanilla
2080-SP242 Satin Gold Dust Black
2080-S261 Satin Dark Grey
2080-S271 Satin Thundercloud
2080- SP273 Satin Vampire Red
2080-S327 Satin Ocean Shimmer
2080-S335 Satin Bitter Yellow
2080-S347 Satin Perfect Blue
2080-S363 Satin Smouldering Red

SATIN METALLIC

2080-S238 Satin Frozen Berry Metallic

COLOUR FLIP

2080-MX12 Matrix Black
2080-SB12 Shadow Black
2080-SP213 Satin Flip Electric Coral
2080-HG221 High Gloss Flip Black Psychedelic
2080-SP236 Satin Flip Volcanic Flare
2080-SP264 Satin Flip Golden Aurora
2080-HG278 High Gloss Flip Deep Space
2080-GP278 Gloss Flip Deep Space
2080-GP280 Gloss Flip Ghost Pearl
2080-SP280 Satin Flip Ghost Pearl
2080-GP281 Gloss Flip Psychedelic
2080-SP281 Satin Flip Psychedelic

CARBON FIBRE

2080-CFS12 Carbon Fibre Black
2080-CFS201 Carbon Fibre Anthracite



AVERY DENNISON COLOURWRAP SERIES

A 3D conforable cast self-adhesive film for solid colour wraps. Features a bubble-free application and good repositionability, helping you to elevate your creativity and stand out from the crowd.

KEY FEATURES:

- Cast PVC
- Up to 8 years durability
- External use
- 80 micron
- Clear solvent based acrylic adhesive

MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE
18 °C	90-95 °C	Repositionable Clear Solvent Based Acrylic	Deep / U Shape

Colours available in Avery Dennison ColourWrap Series...

GLOSS

CWS G01 Gloss White	CWS G11 Gloss Lemon Yellow	CWS G12 Gloss Yellow	CWS G13 Gloss Saffron Yellow	CWS G14 Gloss Taxi Beige	CWS G21 Gloss Mandarin Orange	CWS G22 Gloss Bright Orange	CWS G31 Gloss Light Red
CWS G32 Gloss Valentine Red	CWS G33 Gloss Pepper Red	CWS G34 Gloss Wine Red	CWS G41 Gloss Blue	CWS G42 Gloss Berry Blue	CWS G43 Gloss Dark Blue	CWS G44 Gloss Ocean Addict Blue	CWS G45 Gloss Light Blue
CWS G46 Gloss Dark Blue	CWS G48 Gloss Tiffany Blue	CWS G49 Gloss Mediterranean Blue	CWS G51 Gloss Frog Green	CWS G52 Gloss Forest Green	CWS G53 Gloss Dark Neptune Green	CWS G54 Gloss Dark Kelly Green	CWS G55 Gloss Light Green
CWS G61 Gloss Ivory Green	CWS G62 Gloss Shark Grey	CWS G63 Gloss Asteroid Grey	CWS G64 Gloss Gravel Gray	CWS G65 Gloss Twilight Grey	CWS G66 Gloss Grey	CWS G67 Gloss Shadow Grey	CWS G68 Gloss Clay Grey
CWS G69 Gloss Light Grey	CWS G81 Gloss Black	CWS G82 Gloss Endless Black	CWS G91 Gloss Future Dusk	CWS G92 Gloss Dark Purple	CWS G93 Gloss Light Purple	CWS G101 Gloss Light Pink	CWS G102 Gloss Dark Pink

GLOSS METALLIC

CWS GM31 Gloss Metallic Red	CWS GM32 Gloss Metallic Blush	CWS GM33 Gloss Metallic Dark Red	CWS GM41 Gloss Metallic Ice Blue	CWS GM42 Gloss Metallic Estoril Blue	CWS GM51 Gloss Metallic Sporty Green	CWS GM52 Gloss Metallic Beetle Green	CWS GM53 Gloss Metallic Racing Green
CWS GM61 Gloss Metallic Silver	CWS GM62 Gloss Metallic Fossil	CWS GM71 Gloss Metallic Copper	CWS GM72 Gloss Metallic Bronze	CWS GM73 Gloss Metallic Chestnut			

MATT

CWS M01 Matt White	CWS M21 Matt Pumpkin Orange	CWS M31 Matt Light Red	CWS M41 Matt Navy Blue	CWS M51 Matt Irish Green	CWS M52 Matt Dark Neptune	CWS M61 Matt Dark Grey	CWS M62 Matt Bight Grey
CWS M63 Matt Light Grey	CWS M64 Matt Green Grey	CWS M71 Matt Beige	CWS M72 Matt Brown	CWS M81 Matt Black	CWS M101 Matt Dark Pink		

MATT METALLIC

CWS MM41 Matt Metallic Ash Blue	CWS MM42 Matt Metallic Blue	CWS MM43 Matt Metallic Deep Blue	CWS MM44 Matt Metallic Pebble Blue	CWS MM61 Matt Metallic Silver	CWS MM63 Matt Metallic Titanium	CWS MM64 Matt Metallic Graphite	CWS MM65 Matt Metallic Charcoal
CWS MM66 Matt Metallic Cannon Ball	CWS MM71 Matt Metallic Champagne						

SATIN

CWS S01 Satin White	CWS S41 Satin Summer Blue	CWS S42 Satin Blue	CWS S51 Satin Military Green	CWS S52 Satin Dark Khaki	CWS S53 Satin Dark Neptune	CWS S61 Satin Dark Grey	CWS S62 Satin Light Grey
CWS S81 Satin Black							

SATIN METALLIC

CWS SM21 Satin Metallic Dark Copper	CWS SM91 Satin Metallic Dark Purple



ARLON PREMIUM COLOUR CHANGE + FLITE TECHNOLOGY

A conformable cast film featuring FLITE Technology for fast, easy installation. The engineered liner includes invisible air channels, allowing for bubble free application. The specifically adapted protective film on gloss colours ensures the highest gloss level, guaranteed to stay in deep channels, curves and recesses.

KEY FEATURES:

- Cast PVC
- Up to 10 years durability
- External use
- 76-84 micron
- Grey/Clear/White/Silver Permanent Adhesive

10 °C	95-105 °C	FLITE, Clean Removing, Repositionable	Deep / U Shape
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE

FILMS FOR **COLOUR CHANGE**

Colours available in Arlon Premium Colour Change + Flite Technology...

GLOSS	PCC-401 Gloss Red	PCC-402 Gloss White	PCC-403 Gloss Black	PCC-405 Gloss Pearl White	PCC-406 Gloss Orange	PCC-408 Gloss Blue Grey	PCC-410 Gloss Sand Brown	PCC-412 Gloss Light Grey
	PCC-413 Gloss Grey	PCC-414 Gloss Berry Blue	PCC-415 Gloss Khaki Green	PCC-418 Gloss Carmine Red	PCC-419 Gloss Light Blue	PCC-421 Gloss Bright Yellow	PCC-422 Gloss Midnight Blue	PCC-428 Gloss Golden Ray
	PCC-429 Gloss Electric Lime	PCC-436 Gloss Merlot	PCC-440 Gloss Deep Teal	PCC-445 Gloss Laguna Blue				
GLOSS METALLIC	PCC-404 Gloss Black Metallic	PCC-411 Gloss Silver Metallic	PCC-416 Gloss Charcoal Metallic	PCC-424 Gloss Black Rose Metallic	PCC-425 Gloss Dragonfruit Metallic	PCC-426 Gloss Sierra Green Metallic	PCC-427 Gloss Ruby Red Metallic	PCC-431 Gloss Stealth Green Metallic
	PCC-432 Gloss Sea Breeze Metallic	PCC-433 Gloss Stealth Blue Metallic	PCC-434 Gloss Future Berry Metallic	PCC-435 Gloss Infinity Purple Metallic	PCC-436 Gloss Liquid Blood Lust Metallic	PCC-441 Gloss Meteor Blue Metallic	PCC 443 Gloss Liquid Jade Metallic	PCC-444 Gloss Cosmic Grape Metallic
	PCC-451 Gloss Lime Time Metallic	PCC-463 Gloss Blue'tiful Metallic						
MATT	PCC-503 Matt Black	PCC-505 Matt Grey	PCC-506 Matte Military Green	PCC-508 Matt Aztec Bronze				
MATT ALUMINIUM	PCC-551 Matt Aluminium Red	PCC-554 Matt Aluminium Black Rose	PCC-555 Matt Aluminium Blue	PCC-456 Matte Berry Blue Aluminium	PCC-557 Matt Aluminium Purple	PCC-558 Matt Aluminium Grey	PCC-559 Matt Aluminium Gold Rush	
MATT METALLIC	PCC-560 Matt Forest Green Metallic	PCC-561 Matt Cobalt Blue Metallic						
SATIN	PCC-442 Satin Sahara	PCC-448 Satin Black Pearl	PCC-452 Satin White	PCC-453 Satin Black	PCC-455 Satin Pearl White	PCC-461 Satin Legacy Gold		
SATIN METALLIC	PCC-450 Satin Poison Apple Metallic	PCC-454 Satin Charcoal Metallic	PCC-457 Satin Bond Gold Metallic	PCC-458 Satin Scream Green Metallic	PCC-459 Satin Viper Green Metallic	PCC-460 Satin Paradise Pink Metallic		



3M™ WRAP OVERLAMINATE SERIES 8900

Specialty cast textured overlaminates offering combinations of colours and textures like never before with coloured or printed films. For use on 3M 1080 and 2080.



KEY FEATURES:

- Cast PVC
- 6 year durability
- External use
- 50-90 micron
- Clear, solent acrylic adhesive



FILMS FOR **COLOUR CHANGE**



SOTT HIGH GLOSS CARBON SERIES

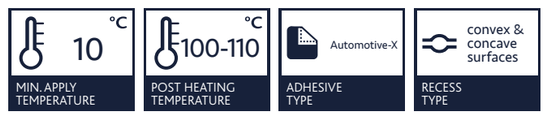
A high-gloss, cast film with a realistic carbon fibre pattern, creating a 3D depth effect. Suitable for use in extreme forms including channels, with the pattern running diagonally.

CODE/COLOUR:

0S-1917 Elemento 6 - High Gloss Carbon Fibre

KEY FEATURES:

- Cast PVC
- 4 year durability
- Internal, External use
- 100 micron
- Grey, permanent adhesive





CHEETAH PROTECTIVE COLOUR CHANGE

Cheetah PCC combines vibrant colour, premium aesthetics and durable protection in one advanced film. Delivering a flawless paint-like finish, it helps protect against scratches, chips and everyday wear, while its dry-apply technology enables a faster install compared to traditional coloured PPF.

KEY FEATURES:

- Up to 10 years durability
- External use
- Premium paint-like flawless finish
- 200 microns

15 °C	Polyurethane	Flat / Gentle Curves
MIN. APPLY TEMPERATURE	ADHESIVE TYPE	RECESS TYPE

Colours available in Cheetah Protective Colour Change Film...

GLOSS

60293 No Caption Needed	60296 Not Tonight Honey	60297 I'll Be Back	60300 Not So Basic	60303 Dutch Tulips	60307 I Can't Drive 55	60313 No Clouds Today	60315 It's A Boy
60316 Sexy Bacon	60317 Dragons Blood	60319 Positive Vibes Only	60320 Python	60322 Keep Off The Grass	60323 The Dude Abides	60324 Raspberry Sorbet	60325 Midnight In The Maldives
60333 Stoplights Be Damned	60334 It's A Girl (Sort Of)	60336 Show Me The Money	60339 Hasta La Vista Baby	60340 Cosmic Blast	60342 Phone Home	60345 Swimming With The Fishes	60346 Napalm In The Morning
60348 You Can't Handle The Truth!	60349 Greed Is Good	60350 Serenity Now	60354 Gloss Carbon Fiber				

GLOSS METALLIC

60298 Midnight Rodeo	60299 Not New York City!	60302 Alter Ego	60306 Shock And Awe	60310 Screaming Jelly	60311 Kampai	60326 Earl The Pearl	60335 These Pretzels Make Me Thirsty
60347 Not In Kansas Anymore	60351 No, I Ain't British	60352 Here's Looking At You Car	60353 No Soup For You				

MATT

60295 Are You Feeling Lucky, Punk?	60355 Matte Carbon Fiber						

SATIN

60294 Bar Fight	60301 Not So Basic	60304 Afterglow	60305 Midnight Hammer	60308 Northern Lights	60309 Night Train	60312 Foiled Again	60314 Blow
60318 Take It Like A Man	60321 Full Metal Jacket	60327 A Little Less Conversation	60328 Go Ahead Make My Day	60329 Fasten Your Seatbelt	60330 Robbing The Bank	60331 The Gold Rush	60332 Vampires Kiss
60337 Do I Feel Lucky?	60338 Houston We Have A Problem	60341 Failure To Communicate	60343 Blue Ice Blizzard	60344 Red Light District			



3M™ PROTECTION WRAP FILM

A premium polyurethane wrap film that delivers the protection of PPF with a flawless paint-like finish. Available in 26 colours, including gloss, matt, and textured options, it features 3M's Controltac™ and Comply™ adhesive for easy repositioning and bubble-free application. The dry-install design ensures a faster, cleaner installation process.

KEY FEATURES:

- Non-PVC
- Up to 10 years durability
- External use
- 100-130 micron
- Air-release adhesive

16 °C	93-104 °C	Controltac™ / Comply™	Shallow / Gentle Curves
MIN. APPLY TEMPERATURE	POST HEATING TEMPERATURE	ADHESIVE TYPE	RECESS TYPE

FILMS FOR **COLOUR CHANGE / PROTECTION**

Colours available in 3M Protection Wrap Film...

GLOSS

PWF-G10 Gloss White
PWF-G11 Gloss Bone Gray
PWF-G12 Gloss Black
PWF-G37 Gloss Miami Blue
PWF-G43 Gloss Habanero Red
PWF-G61 Gloss Nardo Gray
PWF-G67 Gloss Basilisk Blue
PWF-G76 Gloss Olive Green
PWF-G97 Gloss Neptune Blue
PWF-G117 Powder Blue
PWF-G255 Gloss Solar Flare
PWF-G231 Gloss Flip Winter Rose
PWF-G233 Gloss Crimson Red
PWF-G246 Gloss Iridescent Emerald Green
PWF-G248 Gloss Viola
PWF-G256 Gloss Verde Anitco
PWF-G263 Gloss Umbra Rosso
PWF-G276 Gloss British Racing Green
PWF-G281 Gloss Flip Psychedelic
PWF-G288 Gloss Flip Cosmic Dust

METALLIC

PWF-G137 Frozen Blue Metallic

MATT

PWF-M10 Matt White
PWF-M12 Matt Black
PWF-M87 Matt Moon Rock Blue
PWF-M91 Matt Smoke Gray
PWF-M99 Matt Coyote Brown

CARBON FIBRE

PWF-CFS12 Black Carbon Fibre



AVERY DENNISON COLOURED PAINT PROTECTION FILM

Avery Dennison Colour Paint Protection film combines premium colour with advanced paint protection. Designed for wet application, it delivers a deep, high-gloss, paint-like finish while protecting against road grime, water stains and minor scratches. Highly conformable for complex curves and full vehicle coverage, it offers up to five years of reliable durability to keep your vehicle looking it's best.

KEY FEATURES:

- Up to 5 years durability
- External use
- Wet apply for a paint like finish
- Hydrophobic topcoat

10 °C	Polyurethane	Flat / Gentle Curves
MIN. APPLY TEMPERATURE	ADHESIVE TYPE	RECESS TYPE

Avery Dennison Coloured Paint Protection Film...

GLOSS

PPF Gloss Orange | PPF Gloss Light Blue | PPF Gloss Carmine Red | PPF Gloss Rock Grey





ARLON COLOURED PROTECTION FILM

Arlon Coloured Protection Film Series combines bold colour transformation with real paint protection giving you customisation and protection in one film. It offers up to 100 colour finishes, self-healing performance, dry-apply installation, and 5 year durability.

KEY FEATURES:

- Up to 5 years durability
- External use
- Suitable for both wet and dry application
- 200-230 microns

10 °C	Xscape Adhesive Technology	Flat / Gentle Curves
MIN. APPLY TEMPERATURE	ADHESIVE TYPE	RECESS TYPE

Colours available in Arlon Coloured Protection Film...

GLOSS

P400 Gloss Safari Green	P401 Gloss Racing Ruby	P402 Gloss Watermelon Kiss	P403 Gloss Phantom Black	P404 Gloss Sandstorm	P405 Gloss Frozen Mint Blue	P406 Gloss Hunter Green	P407 Gloss Offroad Green
P408 Gloss Fluffy Cloud	P409 Gloss Sapphire Storm	P410 Gloss Iconic Blue	P411 Gloss Santorini Blue	P412 Gloss Dust	P413 Gloss Icy Blue	P414 Gloss Moon Dust	P415 Gloss Ocean Drift
P416 Gloss Inferno Orange	P417 Gloss Signal Orange	P418 Gloss Flamingo Pink	P419 Gloss Deep Purple	P420 Gloss Creamy Latte	P422 Gloss Stormy Harbour	P423 Gloss Glacier White	P424 Gloss Misty Green
P425 Gloss Cactus Green	P426 Gloss Jurassic Green	P428 Gloss Sunbeam Yellow	P429 Gloss Prairie Green	P430 Gloss Deepest Green	P431 Gloss Nightshade Blue	P432 Gloss Noble Blue	P433 Gloss Stoney Grey
P434 Gloss Molten Metal	P435 Gloss Molten Pebble	P437 Gloss Platinum Ghost	P438 Gloss Plush Purple	P439 Gloss Violet Kiss	P440 Gloss Liberty Grey	P441 Gloss Abyss Blue	P442 Gloss Molten Steel
P443 Gloss Molten Silver	P444 Gloss Crimson Shadow	P445 Gloss Pure Fuchsia	P446 Gloss Mocha Steel	P447 Gloss Citrus Glow	P448 Gloss Nightstorm Blue	P449 Gloss Aurora Lights	P450 Gloss Creamy Yellow
P451 Gloss Dimmed White	P452 Gloss Citrus Rush	P453 Gloss Vanilla Yellow	P454 Gloss Sandy Yellow	P455 Gloss Canvas White	P456 Gloss Hangover Yellow	P457 Gloss Green Screen	P458 Gloss Canary Yellow
P459 Gloss Harvest Yellow	P460 Gloss Lime Crush	P461 Gloss Lavender Fields	P462 Gloss Azure Blue	P463 Gloss Misty Blue	P464 Gloss Frosty Blue	P465 Gloss Peach	P466 Gloss Night Forest
P467 Gloss Arctic Blue	P468 Gloss Burgundy Rose	P469 Gloss Emerald Green	P470 Gloss Graphite Rush	P472 Gloss Mountain Grey	P473 Gloss Frozen Mint Green	P474 Gloss Powder Puff Pink	P475 Gloss Caramel Dream
P476 Gloss Dark Beige	P477 Gloss Black Carbon	P478 Gloss Shredded Black Carbon	P479 Gloss Arctic Storm	P480 Gloss Garage Grey	P481 Gloss Proper Pink	P482 Gloss Molten Sapphire	P483 Gloss Molten Gold
P484 Gloss Molten Red	P485 Gloss Red Metal	P486 Gloss Purple Rose	P487 Gloss Apex Pine				

GLOSS METALLIC

P421 Gloss Jungle Green Metallic	P427 Gloss Red Hot Metallic	P436 Gloss Molten Stirling Metallic	P471 Gloss Metallic Scarlet

MATT

P500 Matte Smooth Black	P501 Matte Molten Aluminium	P502 Matte Porcelain	P503 Matte Molten Sapphire	P504 Matte Molten Gold	P505 Matte Molten Ruby	P506 Matte Molten Red	P507 Matte Athens Green
P508 Matte Black Carbon	P509 Matte Shredded Black Carbon	P510 Matte Combat Green					

SATIN

P600 Satin Gunmetal



HINTS & TIPS

Caring for Your Vehicle Graphics...

Care for your vehicle graphics as you would any fine paint finish. Using high quality products designed specifically for car care, these cleaning and maintenance procedures will help keep your vehicle graphics looking their best.

1. WASH REGULARLY

- Wash whenever the car appears dirty. Contaminants allowed to remain on the graphic may be more difficult to remove during cleaning.
- Rinse off as much dirt and grit as possible with water.
- Use a non-abrasive detergent such as VION Car Care Cleaner and a soft, clean cloth or sponge.
- Rinse thoroughly with clean water. To reduce water spotting, immediately use a silicone squeegee to remove water and finish with a clean microfibre cloth.

2. WASH REGULARLY

- Brush-type car washes are not recommended as they can abrade the film and cause edges to lift or chip, as well as dulling the film's appearance. Brushless car washes are acceptable.

3. PRESSURE WASHING

- Although hand washing is the preferred cleaning method, pressure washing may be used, providing these conditions are strictly followed:
- Ensure the water pressure is kept below 2000 psi (14 MPa).
- Keep water temperature below 80°C (180°F).
- Use a spray nozzle with a 40 degree wide angle spray pattern.
- Keep the nozzle at least 300mm (1 foot) away from and perpendicular (at 90 degrees) to the graphic.
- Beware holding the nozzle of a pressure washer at an angle to the graphic, as it may lift the edges of the film.

4. DIFFICULT CONTAMINANTS

- Soften difficult contaminants such as bug splatter, bird droppings, tree sap and similar contaminants by soaking them for several minutes with warm, soapy water as early as possible. Rinse thoroughly and dry.
- If further cleaning is needed, test one of these products in an inconspicuous area to ensure no damage to the graphics.
- Spot clean the contaminants.
- Do not use rough scrubbing or abrasive tools, which will scratch the film. Wash and rinse off all residue immediately.

5. FUEL SPILLS

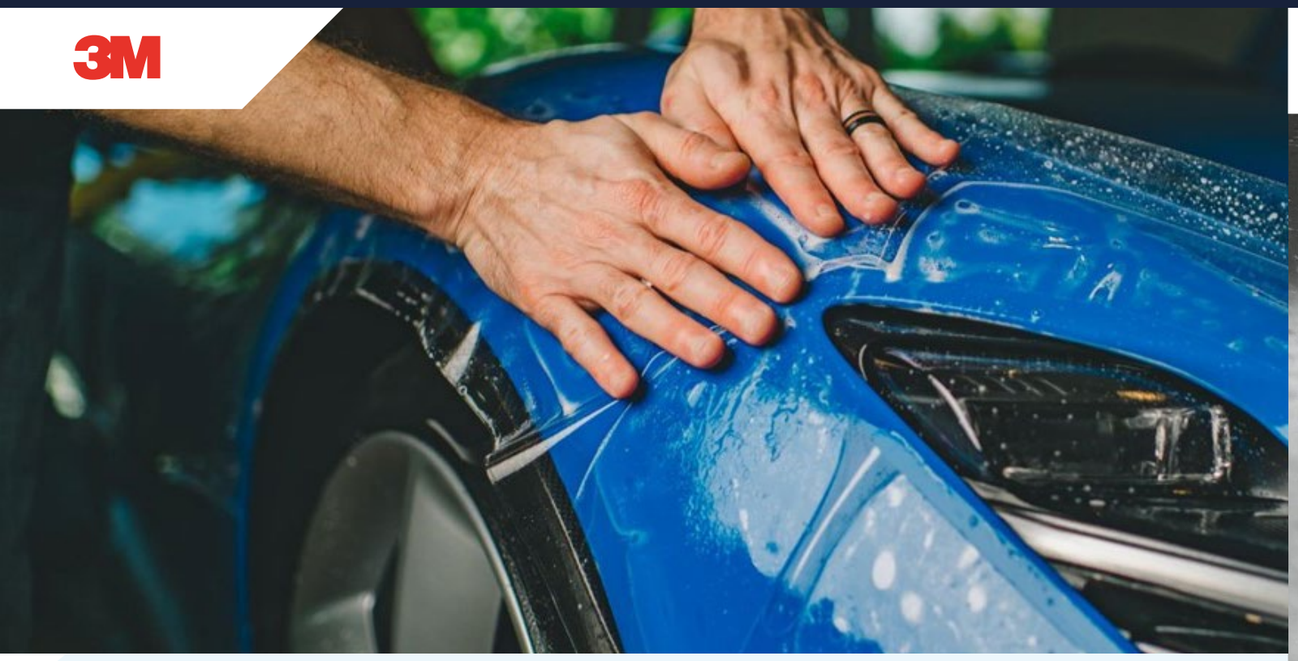
- Wipe off immediately to avoid degrading the vinyl and adhesive. Then wash, rinse and dry as soon as possible.

6. POLISH AND WAX

- Most standard graphic films and overlaminates can be polished or waxed with a high quality car wax.
- Before use, test and approve in an inconspicuous area.
- Do not use any abrasive polishes or cutting compounds.
- 3M do not recommend any polishing or wax product for the matt or textured films.

7. STORE INDOORS OR UNDER COVER WHENEVER POSSIBLE

- Vinyl graphics (just like paint) are degraded by prolonged exposure to sun and atmospheric pollutants, particularly on the horizontal surfaces such as bonnet, boot lid and roof.
- Whenever possible, store in a garage or at least in a shaded area during the day. At night protect the car from dew or rain, which may contain acidic pollutants (a common problem in many large metropolitan areas).
- When a garage is not available, consider using a cloth car cover at night. If your graphics start to discolour or turn brown (which is caused by acidic pollution), immediately remove the graphics from the vehicle to avoid staining the underlying paint.



3M™ PAINT PROTECTION SERIES 100 GLOSS

A gloss-finish paint protection film that preserves the colour and brilliance of the vehicle's paint, helping it look newer for longer. It features self-healing technology that enables minor scratches to disappear.

KEY FEATURES:
- Gloss Finish
- Up to 7 years durability
- External use
- 190 micron
- Clear, permanent adhesive

CODE/COLOUR:
Series 100

3M™ PAINT PROTECTION SERIES 150 GLOSS

A gloss-finish paint protection film with high stain resistance for reduced maintenance. It offers exceptional clarity with minimal orange peel, helping to maintain the brilliance of the vehicle's paint while protecting against chips, scratches, stains, and the elements.

KEY FEATURES:
- Gloss Finish
- Up to 10 years durability
- External use
- 190 micron
- Clear, permanent adhesive

CODE/COLOUR:
Series 150

3M™ SCOTCHGARD™ PRO 200 SERIES

A clear polyurethane film that protects vehicles from damage such as stone chipping, scratches and everyday wear and tear. This film features a self-healing formula that enables minor scratches to disappear when heat is applied for best-in-class scratch and stain resistance.

KEY FEATURES:
- Polyurethane Film
- Up to 10 years durability
- External use
- 200 micron
- Clear, permanent adhesive

CODE/COLOUR:
Pro 200G Gloss Clear Clear (with cap sheet)
Pro 200M Matt Clear (without cap sheet)

FILMS FOR **PROTECTION**



AVERY DENNISON® SUPREME PROTECTION FILM SERIES

A high quality self-healing clear film that prevents damage from a range of challenges to vehicle paintwork.

KEY FEATURES:
- Cast-PVC
- Up to 10 years durability
- External use
- 1650 micron
- Clear, permanent adhesive

CODE/COLOUR:
ADFend - High Gloss
SPF-XI - High Gloss
SPF Matt - Matt Clear
SPF-X3 - Clear Gloss
SPF-Gloss Black - Gloss Black
SPF-Satin - Clear Satin
SPF-X2 - Clear Gloss
SPF-X3 XL - High Gloss
SPF-X3 XL - Clear Gloss



ARLON CLEAR PROTECTION FILM SERIES

Arlon Clear Protection Film Series is a professional-grade TPU paint protection solution offering excellent clarity, self-healing performance, and easy installation. Available in Guard, Shield, and Ultra tiers, with durability up to 10 years.

KEY FEATURES:

- Polyurethane Film
- Between 5 & 10 years durability
- External use
- 190 microns
- Clear, permanent adhesive



CODE/COLOUR:

Clear Guard
Clear Sheild
Gloss Clear Ultra
Matt Clear Ultra

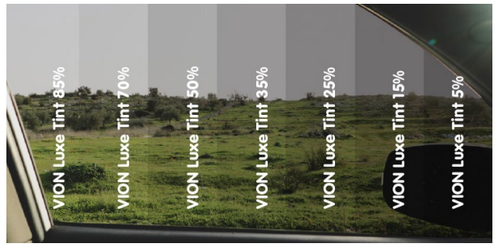


VION ECO TINT SERIES

A range of budget friendly non-metallised, body dyed polyester automotive window tint films.

KEY FEATURES:

- No interference thanks to metal-free construction
- Protects against UVA-B with over 95% absorption
- 1 ply construction
- 2-year durability



CODE/COLOUR: VAWF Advanced Tint 5 / 20 / 35 / 50

VION CLASSIC TINT SERIES

A range of non-metallised, premium dyed polyester automotive window tint films.

KEY FEATURES:

- No interference thanks to metal-free construction
- Protects against UVA-B with over 99% absorption
- 1 ply construction
- 10-year durability



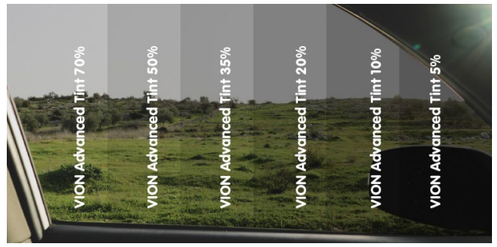
CODE/COLOUR: VAWF Classic Tint 5/20/35/50/70

VION ADVANCED TINT SERIES

A range of two ply, premium dyed polyester automotive window tint films.

KEY FEATURES:

- No interference thanks to metal-free construction
- Protects against UVA-B with over 99% absorption
- 2 ply construction
- 10-year durability



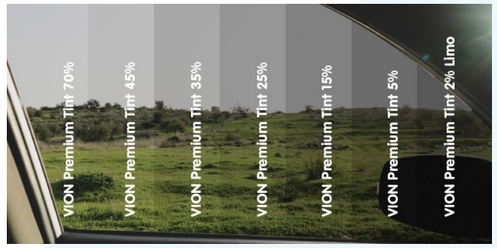
CODE/COLOUR: VAWF Advanced Tint 5/10/20/35/50/70

VION PREMIUM TINT SERIES

A range of metallised polyester window tint films.

KEY FEATURES:

- Protects against UVA-B with over 99% absorption
- 2 ply construction (2% Limo = 4 ply, 5% = 3 ply)
- 2% Limo is the darkest tint across all VION Series'
- 15-year durability



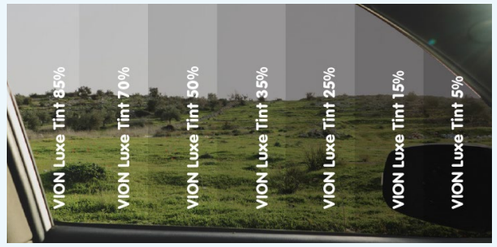
CODE/COLOUR: VAWF Advanced Tint 2(Limo) / 5 / 15 / 25 / 35 / 45 / 70

VION LUXE TINT SERIES

A range of three ply, non-metallised nano ceramic window tint films.

KEY FEATURES:

- No interference thanks to metal-free construction
- Protects against UVA-B with over 99% absorption
- 85% rejected infra-red
- 3 ply construction
- Lifetime durability



CODE/COLOUR: VAWF Advanced Tint 5 / 15 / 25 / 35 / 50 / 70 / 85



PROTEMP™ BLACK SHADE SERIES

A range of low cost non-metalised, dyed polyester automotive window tint films.

CODE/COLOUR:
BS 5 / BS 15 / BS 30 / BS 45

KEY FEATURES:
- Choice of charcoal shading levels
- Does not interfere with mobile phone, GPS or satellite radio reception
- Low cost dyed heat gain reduction technology
- Protection from the sun's heat and glare
- Sun Protection Factor of 100, blocking almost all UVA and UVB rays

3M™ AUTOMOTIVE WINDOW FILMS COLOUR STABLE SERIES

Range of durable, colour stable, scratch resistant window tint films.

CODE/COLOUR:
CS 5 / CS 20 / CS 35 / CS 50

KEY FEATURES:
- Choice of privacy levels and colours, manufactured with carbon pigments to give the most natural darkest looking finish
- Colour will not fade to purple over time
- Rejects heat and UV to reduce glare
- Guaranteed not to bubble or blister
- Scratch resistant coating aids long lasting durability

3M™ AUTOMOTIVE WINDOW FILMS CRYSTALLINE SERIES

High performance films, providing a combination of high visible light transmission, low visible light reflectivity and exceptionally high heat gain reduction capabilities.

CODE/COLOUR:
CR 40 / CR 70 / CR 90

KEY FEATURES:
- Virtually clear film
- Multi-layer metal free nano-technology
- Rejects more heat than darker films
- No communications or network interference

3M™ AUTOMOTIVE WINDOW FILM OBSIDIAN SERIES

A range of automotive sun control window films that reduce heat and block out UV light.

CODE/COLOUR:
Obsidian 5 / Obsidian 15 / Obsidian 25 / Obsidian 50

KEY FEATURES:
- Rejects up to 44% of the total solar energy coming through your windows to keep you cool and protect you from harmful UV rays
- Blocks up to 99% of UV light to provide a Total Sun Protection Factor of up to 1000
- Available in different tint levels that block up to 92% of visible light, providing increased privacy and protection of valuables

WILLIAM SMITH GROUP 1832

ACADEMY

TRAINING THE PROFESSIONALS

THE WILLIAM SMITH TRAINING ACADEMY.

The difference is in the detail.

WilliamSmith.co.uk/Vehicle-Wrapping

VIRTUAL VEHICLE WRAP

A two and a half hour, remote course designed to cover the basic theory of vehicle wrapping. It is perfect for complete beginners or ideal as a refresher for experienced wrappers wanting to brush up on their wrapping knowledge.

Content includes, the benefits of wrapping, basic technology of wrap films, adhesive features, digital print and colour change films, how to choose the correct film for the job, graphic production and essentials for success.

Tom Greaves, Training and Application Manager at William Smith will lead the course allowing plenty of time for questions and detailed insight into the industry.

This course also has the added benefit of being completely free of charge, so there's no reason to miss out.



VEHICLE WRAP TRAINING COURSE

A comprehensive two and a half day course based in Barnard Castle, is perfect for beginners and also wrappers who would like to improve on their skills. It covers all the basic techniques to wrap an entire vehicle, using a range of branded digital and coloured wrap films, including 3M, Avery Dennison and Arlon.

The course is practical to give as much opportunity as possible to work with wrapping films on a variety of car and van panels, practicing techniques to approach recesses.

Our trainers Tom Greaves (Training and Application Manager, William Smith) and Mike Szwacki (3M, Avery Dennison and Arlon approved wrapper), will allow for plenty of one to one tuition and offer years of experience.

Included:

- Tool bag including essential wrapping tools
- Information pack
- Certificate of attendance
- Lunch and refreshments



ADVANCED VEHICLE WRAP TRAINING COURSE

A 2 day Advanced Vehicle Wrap Course based in Barnard Castle is exclusively available to experienced wrappers only.

The course jumps straight into advanced vehicle wrap techniques, focusing on door shuts, wing mirrors, door handles and the most difficult wheel arches on the roads right now.

Courses are limited to four attendees to ensure each delegate has the time and one-to-one tuition needed to not only learn, but perfect applications.

Additional content includes tight corners, trimming techniques, avoiding stretch discolouration and inlays, using a range of branded digital, reflective, coloured and chrome wrap films, from 3M, Avery Dennison and Arlon.

The practical, Advanced Vehicle Wrap Course is led by our hugely experienced trainers, Tom Greaves (Training and Application Manager, William Smith) and Mike Szwacki (3M, Avery Dennison and Arlon approved wrapper).

Have a specific application you'd like advice on? Simply let us know when you make your booking and Tom and Mike will be happy to cover it in the course.

To ensure that attendee skills are at the necessary level to tackle these advanced wrapping techniques, certain criteria is required. The expectation is that that they are confident enough to wrap a full vehicle and have at least two years' wrapping experience. Ideally, it is also preferred that attendees have completed a recognised vehicle wrap training course.



AVERY DENNISON PAINT PROTECTION FILM APPLICATION COURSE

An intensive two-day course, ideal for any vehicle wrapper looking to diversify and introduce PPF to their business offering. This course is a comprehensive introduction to the world of PPF.

Delegates will learn which tools are required, the importance of slip and tack solutions, how to properly clean and prepare a vehicle to avoid any issues, and of course, there will still be plenty of live demonstrations and time to practice in our state-of-the-art Wrap Room.

We keep our class sizes small to ensure each delegate has the time and one-to-one tuition needed from Academy trainers, Tom Greaves, and Mike Szwacki, in order to master the correct application techniques.

Included:

- A comprehensive introduction to the world of PPF
- The advantages of introducing PPF to your business
- Plenty of hands-on practice with the film
- Expert one-to-one guidance
- A goody bag including tools and accessories to take home
- Certification of attendance.

Visit williamsmith.co.uk/training for further details and dates of Academy courses or williamsmith.co.uk/brochures to download the Academy Training brochure.



HAVE A QUESTION? WE'RE HERE TO HELP.

Whether you're selecting the right film for a challenging application, looking for technical advice, or need help comparing products across our vehicle wrapping range, our experienced team is on hand to support you every step of the way.

- Expert product advice from industry specialists
- Access to leading vehicle wrapping brands
- Technical support and application guidance
- Training courses for all experience levels
- Fast, reliable UK distribution

GET IN TOUCH

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