

fusion

Promotional Digital Media 2025



fusion

Our Fusion Digital Media offers a range of promotional-grade digital vinyl, designed to deliver great print quality, easy application, and excellent value.

Ideal for short and medium-term projects, Fusion delivers consistent results with the reliability of a trusted NZ-owned company and experienced team.

The price point you need. The service you trust.

Inside this brochure, you'll find detailed data sheets to help you choose the right Fusion product for your next job.

CONTENTS - Fusion Digital

Pg.1	100RX-BF	White Gloss - Grey Back Removable
Pg.2	301RX-BF	White Matte - Grey Back Removable
Pg.3	300RX-BF	White Gloss - Grey Back Removable
Pg.4	300PC	White Gloss - Clear Permanent Adhesive
Pg.5	301PC	White Matte - Clear Permanent Adhesive
Pg.6	300PX	White Gloss - Grey Back Permanent Adhesive
Pg.7	300HTC	White Gloss - Grey Back High-Tack
Pg.8	202WC	White One-Way Vision - Black Back
Pg.9	Additional Technical Data	

Fusion Digital Removable

100RX-BF

Achieve professional results with our monomeric self-adhesive vinyl, designed for versatility and ease of use. This high-gloss 100-micron PVC film features a grey removable adhesive, offering strong initial tack with clean removability for up to one year - ideal for short-term projects.

Backed with a 160gsm white PEK wooden pulp paper liner, double-coated with PE and silicon, this vinyl ensures a smooth application every time. Its bubble-free liner design allows air to escape during installation, making it perfect for large-format graphics where speed and precision matter.

With excellent printability and colour coverage of up to 90%, this film delivers vivid, consistent results while effectively concealing the surface beneath. It applies cleanly to a wide variety of substrates and holds its shape reliably due to superior dimensional stability.



Removable Adhesive



Bubble-Free



1 Year*



Solvent, Eco-Solvent
Latex & UV Printing



White Gloss
Grey Backed



1370mm

APPLICATIONS:

Ideal for short term vehicle decals, window displays, and both indoor and outdoor advertising. Whether you're creating short term advertising or promoting a seasonal campaign, our bubble-free self-adhesive vinyl provides a reliable, professional finish every time.

TECHNICAL DATA:

TEST ITEM	UNIT	TEST METHOD	AVG VALUE
PVC film thickness	Micron	GB/T6672-2001	100±10
Weight-liner	g/m ²	GB4669-1995	160±10
Weight-finished product	g/m ²	GB4669-1995	330±20
Gloss 60°	%	GB8807-88	≥60
Initial adhesion	N/25mm	FTM 9	≥5
24h, 180° peel	N/25mm	FTM 1	≥6
Dimension stability MD	mm	FTM 14	≤1.2
Dimension stability CD	mm	FTM 14	≤1.0
Tensile strength MD	N/25mm	GB/T1040.1-2006	≥45
Tensile strength CD	N/25mm	GB/T1040.1-2006	≥40
Construction temperature	°C		20±10°C
Applicable temperature	°C		-20~+70
Shelf Life	1 Year		

*Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing. * All technical data is subject to change without prior notice.*

**Year life is based on European conditions.*

Fusion Digital Removable

301RX-BF

Elevate your print projects with our bright white matte PVC film. This 100-micron monomeric film features removable grey adhesive ensuring easy application and clean removal; ideal for temporary graphics and signage. The 140gsm PEK liner, enhanced with bubble-free technology and a double-sided PE and silicone coating, for a smooth, hassle-free installation. Designed for reliable and professional results, this film is perfect for a wide range of print applications.

It offers vivid colour reproduction and strong opacity, with a coverage rate of over 90% to effectively conceal underlying surfaces. Known for its stable ink absorption, weather resistance, and dimensional stability, this film is a popular choice in the European market. It also meets EU environmental standards, having passed REACH (No. 1907/2006) and RoHS 2.0 certifications.



Removable Adhesive



Bubble-Free



3 Year*



Solvent, Eco-Solvent
UV Printing & Latex



White Matte
Grey Backed



1370mm

APPLICATIONS:

Ideal for vehicle decals, signage, and both indoor and outdoor advertising. This vinyl is a versatile option for New Zealand's creative and commercial industries.

TECHNICAL DATA:

TEST ITEM	UNIT	TEST METHOD	AVG VALUE
PVC film thickness	Micron	GB/T6672-2001	100±10
Weight-liner	g/m ²	GB4669-1995	140±10
Weight-finished product	g/m ²	GB4669-1995	310±20
Gloss Rate 60°	%	GB8807-88	≥20
Initial Adhesion	N/25mm	FTM 9	≥5
24h, 180° peel	N/25mm	FTM 1	≥7
Dimension stability MD	mm	FTM 14	≤1.0
Dimension stability CD	mm	FTM 14	≤0.6
Tensile strength MD	N/25mm	GB/T1040.1-2006	≥45
Tensile strength CD	N/25mm	GB/T1040.1-2006	≥40
Construction temperature	°C		20±10°C
Applicable temperature	°C		-20~+70
Shelf Life	1 Year		

*Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing. * All technical data is subject to change without prior notice.*

**Year life is based on European conditions.*

Fusion Digital Removable

300RX-BF

Elevate your print projects with our bright white gloss PVC film. This 100-micron monomeric film features removable grey adhesive ensuring easy application and clean removal; ideal for temporary graphics and signage. The 140gsm PEK liner, enhanced with bubble-free technology and a double-sided PE and silicone coating, for a smooth, hassle-free installation. Designed for reliable and professional results, this film is perfect for a wide range of print applications.

It offers vivid colour reproduction and strong opacity, with a coverage rate of over 90% to effectively conceal underlying surfaces. Known for its stable ink absorption, weather resistance, and dimensional stability, this film is a popular choice in the European market. It also meets EU environmental standards, having passed REACH (No. 1907/2006) and RoHS 2.0 certifications.



Removable Adhesive



Bubble-Free



3 Year*



Solvent, Eco-Solvent
UV Printing & Latex



White Gloss
Grey Backed



1370/1520mm

APPLICATIONS:

A high-quality solution designed for both indoor and outdoor applications. Ideal for flat vehicle graphics, billboards, and general signage. Short to medium term.

TECHNICAL DATA:

TEST ITEM	UNIT	TEST METHOD	AVG VALUE
PVC film thickness	Micron	GB/T6672-2001	100±10
Weight-liner	g/m ²	GB4669-1995	140±10
Weight-finished product	g/m ²	GB4669-1995	310±20
Gloss Rate 60°	%	GB8807-88	≥75
Initial Adhesion	N/25mm	FTM 9	≥5
24h, 180° peel	N/25mm	FTM 1	≥7
Dimension stability MD	mm	FTM 14	≤1.0
Dimension stability CD	mm	FTM 14	≤0.6
Tensile strength MD	N/25mm	GB/T1040.1-2006	≥45
Tensile strength CD	N/25mm	GB/T1040.1-2006	≥40
Construction temperature	°C		20±10°C
Applicable temperature	°C		-20~+70
Shelf Life	1 Year		

*Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing. * All technical data is subject to change without prior notice.*

**Year life is based on European conditions.*

Fusion Digital Permanent 300PC

This monomeric white gloss vinyl is a high-performance print media designed for professional signage and graphic applications. This 100-micron bright white glossy PVC film is engineered to deliver exceptional colour accuracy and high colour rendering. Backed with a durable 140gsm PEK liner that includes double-sided PE and silicon coating, this ensuring smooth handling and consistent application.

The film is coated with a permanent clear adhesive, providing reliable adhesion across a variety of surfaces. This vinyl offers stable ink absorption, outstanding dimensional stability, and robust weather resistance.

Certified under REACH Regulation (EC No. 1907/2006) and RoHS 2.0, the product meets stringent EU environmental standards, ensuring it is safe and sustainable for use in a broad range of professional settings.



Permanent Adhesive



3 Year*



Solvent, Eco-Solvent
Latex & UV Printing



White Gloss
Clear Adhesive



1370mm

APPLICATIONS:

This white gloss vinyl is suitable for a wide range of uses including flat vehicle panels, exterior and interior signage, display boards, and other advertising applications. A versatile choice for high-quality graphics in both indoor and outdoor environments. Short to medium term.

TECHNICAL DATA:

TEST ITEM	UNIT	TEST METHOD	AVG VALUE
PVC film thickness	Micron	GB/T6672-2001	100±10
Weight-liner	g/m ²	GB4669-1995	140±10
Weight-finished product	g/m ²	GB4669-1995	300±20
Gloss 60°	%	GB8807-88	≥75
Initial adhesion	N/25mm	FTM 9	≥10
24h, 180° peel	N/25mm	FTM 1	≥12
Dimension stability MD	mm	FTM 14	≤1.0
Dimension stability CD	mm	FTM 14	≤0.6
Tensile strength MD	N/25mm	GB/T1040.1-2006	≥45
Tensile strength CD	N/25mm	GB/T1040.1-2006	≥40
Construction temperature	°C		20±10°C
Applicable temperature	°C		-20~+70
Shelf Life	1 Year		

*Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing. * All technical data is subject to change without prior notice.*

**Year life is based on European conditions.*

Fusion Digital Permanent 301PC

This monomeric white matte vinyl is a high-performance print media designed for professional signage and graphic applications. 100-micron bright white PVC film, engineered to deliver exceptional colour accuracy and high colour rendering. Backed with a durable 140gsm PEK liner that includes double-sided PE and silicon coating, ensuring smooth handling and consistent application.

The film is coated with a permanent clear adhesive, providing excellent reliable adhesion across a variety of surfaces. This vinyl offers stable ink absorption, outstanding dimensional stability, and robust weather resistance.

Certified under REACH Regulation (EC No. 1907/2006) and RoHS 2.0, the product meets stringent EU environmental standards, ensuring it is safe and sustainable for use in a broad range of professional settings.



Permanent Adhesive



3 Year*



Solvent, Eco-Solvent
Latex & UV Printing



White Matte
Clear Adhesive



1370mm

APPLICATIONS:

This white matte vinyl is suitable for a wide range of uses including flat vehicle panels, exterior and interior signage, display boards, and other advertising applications. It is a versatile choice for high-quality graphics in both indoor and outdoor environments. Short to medium term.

TECHNICAL DATA:

TEST ITEM	UNIT	TEST METHOD	AVG VALUE
PVC film thickness	Micron	GB/T6672-2001	100±10
Weight-liner	g/m ²	GB4669-1995	140±10
Weight-finished product	g/m ²	GB4669-1995	300±20
Gloss 60°	%	GB8807-88	≥20
Initial adhesion	N/25mm	FTM 9	≥10
24h, 180° peel	N/25mm	FTM 1	≥12
Dimension stability MD	mm	FTM 14	≤1.0
Dimension stability CD	mm	FTM 14	≤0.6
Tensile strength MD	N/25mm	GB/T1040.1-2006	≥45
Tensile strength CD	N/25mm	GB/T1040.1-2006	≥40
Construction temperature	°C		20±10°C
Applicable temperature	°C		-20~+70
Shelf Life	1 Year		

*Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing. * All technical data is subject to change without prior notice.*

**Year life is based on European conditions.*

Fusion Digital Permanent 300PX

This monomeric white gloss vinyl is a high-performance print media designed for professional signage and graphic applications. It features a 100-micron bright white glossy PVC film, engineered to deliver exceptional colour accuracy and high colour rendering. Backed with a durable 140gsm PEK liner that includes double-sided PE and silicon coating, ensuring smooth handling and consistent application.

Coated with a permanent grey adhesive, providing excellent opacity and reliable adhesion across a variety of surfaces. Widely favoured in the European market for its crisp white tone, this vinyl offers stable ink absorption, outstanding dimensional stability and robust weather resistance.

Certified under REACH Regulation (EC No. 1907/2006) and RoHS 2.0, the product meets stringent EU environmental standards, ensuring it is safe and sustainable for use in a broad range of professional settings.



Permanent Adhesive



3 Year*



Solvent, Eco-Solvent
Latex & UV Printing



White Gloss
Grey Backed



1370mm

APPLICATIONS:

This vinyl is suitable for a wide range of uses including flat vehicle panels, exterior and interior signage, display boards, and other advertising applications. It is compatible with solvent, eco-solvent, latex, and UV ink printing technologies, making it a versatile choice for high-quality graphics in both indoor and outdoor environments. Short to medium term.

TECHNICAL DATA:

TEST ITEM	UNIT	TEST METHOD	AVG VALUE
PVC film thickness	Micron	GB/T6672-2001	100±10
Weight-liner	g/m2	GB4669-1995	140±10
Weight-finished product	g/m2	GB4669-1995	300±20
Gloss 60°	%	GB8807-88	≥75
Initial adhesion	N/25mm	FTM 9	≥10
24h, 180° peel	N/25mm	FTM 1	≥12
Dimension stability MD	mm	FTM 14	≤1.0
Dimension stability CD	mm	FTM 14	≤0.6
Tensile strength MD	N/25mm	GB/T1040.1-2006	≥45
Tensile strength CD	N/25mm	GB/T1040.1-2006	≥40
Construction temperature	°C		20±10°C
Applicable temperature	°C		-20~+70
Shelf Life	1 Year		

*Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing. * All technical data is subject to change without prior notice.*

**Year life is based on European conditions.*

Fusion Digital High-Tack 300HTC-BF

Experience outstanding visual performance with our premium white gloss vinyl, designed for high-impact advertising and decals. This 100-micron glossy PVC film is renowned for its superior colour rendering and accurate colour reproduction – qualities that have made it a favourite across the European market.

The film features a high-tack transparent adhesive for secure, long-lasting application, paired with a 140gsm PEK liner coated on both sides with PE and silicon. The bubble-free liner design ensures effortless installation, even over large surface areas. This vinyl is well-suited to a variety of project requirements.

With excellent ink absorption, strong dimensional stability, and reliable weather resistance, this film performs consistently both indoors and outdoors. It meets stringent environmental standards, having passed REACH (Regulation No. 1907/2006) and RoHS 2.0 certifications, and fully complies with EU environmental protection regulations.



High-Tack Adhesive



Bubble-Free



3 Year*



Solvent, Eco-Solvent
Latex & UV Printing



White Gloss
Clear Adhesive



1370mm

APPLICATIONS:

Ideal for vehicle body graphics, signage, and large-format advertising. Whether you're wrapping waste bins or outfitting a storefront, this high-performance vinyl offers professional results you can trust.

TECHNICAL DATA:

TEST ITEM	UNIT	TEST METHOD	AVG VALUE
PVC film thickness	Micron	GB/T6672-2001	100±10
Weight-liner	g/m2	GB4669-1995	140±10
Weight-finished product	g/m2	GB4669-1995	310±20
Gloss 60°	%	GB8807-88	≥75
Initial adhesion	N/25mm	FTM 9	≥12
24h, 180° peel	N/25mm	FTM 1	≥14
Dimension stability MD	mm	FTM 14	≤1.0
Dimension stability CD	mm	FTM 14	≤0.6
Tensile strength MD	N/25mm	GB/T1040.1-2006	≥45
Tensile strength CD	N/25mm	GB/T1040.1-2006	≥40
Construction temperature	°C		20±10°C
Applicable temperature	°C		-20~+70
Shelf Life	1 Year		

*Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing. * All technical data is subject to change without prior notice.*

**Year life is based on European conditions.*

Fusion Digital One-Way Vision

202W

This high-quality one-way vision film is designed for effective window graphics and privacy applications. Constructed from a 160-micron white PVC film with a black back, it features a clear adhesive and a dual liner system – consisting of a 100gsm perforated double PE liner and a 93gsm PE release paper – for enhanced stability and ease of use during printing and installation. This product is suitable for a wide range of commercial and promotional applications.

This film offers excellent ink absorption and reliable dimensional stability. Its perforated structure – 1.60mm hole size with 40% open area – allows for one-way visibility, making it ideal for creating impactful window graphics while maintaining privacy and reducing interior visibility. This feature makes it a popular choice for retail & commercial window advertising.

Tested and certified under REACH Regulation (EC No. 1907/2006) and RoHS 2.0, the film complies with strict European environmental protection standards.



Permanent Adhesive



2 Year*



Solvent, Eco-Solvent,
HP Latex & UV Inks



Clear Adhesive



1.60mm, 40% Perf



1370/1520mm

APPLICATIONS:

This one-way vision film is suitable for application on glass surfaces, as well as transparent acrylic, PVC and PET panels. Short to medium term.

TECHNICAL DATA:

TEST ITEM	UNIT	TEST METHOD	AVG VALUE
PVC thickness	Micron	GB/T6672-2001	160±10
Weight-liner	g/m ²	GB4669-1995	160±10
Weight-finished product	g/m ²	GB4669-1995	320±20
Initial adhesion	N/25mm	FTM 1	≥5
Dimension stability MD	mm	FTM 14	≤0.5
Dimension stability CD	mm	FTM 14	≤0.4
Tensile strength MD	N/25mm	GB/T1040.1-2006	≥35
Tensile strength CD	N/25mm	GB/T1040.1-2006	≥30
Construction temperature	°C		20±10°C
Applicable temperature	°C		-20~+70
Shelf Life	1 Year		

*Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing. * All technical data is subject to change without prior notice.*

**Year life is based on European conditions.*



Additional Technical Data:

STORAGE CONDITIONS

Always store the product in its original packaging with all protective materials intact. If stored horizontally, do not exceed six layers. Avoid exposure to direct sunlight or heat sources.

Shelf life is six months when stored at $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ with relative humidity of $50\% \pm 15\%$. Under these conditions, the shelf life may extend to 12 months.

CONSTRUCTION REQUIREMENTS

Printing Environment: Clean, dust-free environment without suspended matter

Temperature: $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$

Relative humidity: $50\% \pm 10\%$

Materials should be acclimated in the printing environment for at least 24 hours prior to use. Always test before use and allow sufficient edge margins when printing.

APPLICATION REQUIREMENTS:

Temperature: $20^{\circ}\text{C} \pm 10^{\circ}\text{C}$

Relative humidity: $50\% \pm 10\%$

Apply only to clean, smooth, even, and dust-free substrate surfaces.

Avoid stretching the film excessively during application, as this may cause curling. Film flexibility also decreases at lower temperatures. After installation, allow a minimum curing time of 2 hours.

WARRANTY CONDITIONS

The warranty is valid only when the product is stored in its original packaging. For more information refer to individual product data sheet.

IMPORTANT REMARKS

The information in this product data sheet is based on tests carried out by the manufacturer, which we consider reliable. However, environmental humidity levels above 70% may negatively impact print quality.

The self adhesive vinyl product featuring permanent adhesive may leave residue depending on the substrate and duration of application. For best results, it is recommended to use the media from the same batch when joining panels.

cohesive

cohesivenz.co.nz | 0800 113 631