

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.*



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.

