



Fusion Digital Base 101

With bubble free,
grey removable adhesive

Fusion Base 101 with grey back adhesive, offers superior printability and handling. Ideal for signage, graphics, and promotional displays with a moderate adhesive force and one-year removable performance. Its 90% covering rate effectively conceals the substrate's color, while the bubble-free design on the liner ensures hassle-free installation, particularly for large advertising areas. Additionally, it maintains excellent dimensional stability post-application and adheres easily to a wide range of substrates, making it a versatile solution for various projects.

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Service life: Up to 1 year

BF

Bubble free



Suitable for various solvent ink,
Eco-solvent ink and UV ink.



Fusion Digital Base 101 Technical Data

Film:	100 micron; glossy PVC film
Adhesive:	Grey removable adhesive
Liner:	140 gsm white PEK paper with one side PE & Silicon coating, bubble free
Width:	1.06/1.27/1.37/1.52m

TESTING CONDITION:

Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing.

TEST ITEM	UNITS	TEST METHOD	AVG VALUE
PVC Thickness	Micron	GB/T6672-2001	100±10
Liner -Weight	g/m ²	GB4669-1995	140±10
Finished Product -Weight	g/m ²	GB4669-1995	310±20
Gloss Rate 60°	%	GB8807-88	≥60
Initial Adhesion	N/25mm	FTM 9	≥5
24h, 180°peel	N/25mm	FTM 1	≥6
Dimensional stability MD	mm	FTM 14	≤1.2
Dimensional 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°C

STORAGE CONDITION:

Products always need to be stored in the original packing and with the original protection materials, preferably stored vertically, no more than 6 layers if stored horizontally. Do not expose in direct sunlight or heat sources. Shelf life will be one year with temperature of 25°C±5°C and relative humidity of 50±15%.

PRODUCTION AND APPLICATION ENVIRONMENT:

Production environment: Temperature of 25±5°C, relative humidity of 50%±10%, clean dust-free environment without suspended matter; Please move the materials to the printing environment 24 hours before printing. Test prior to use and maintain margins when printing.

Application environment: Temperature of 20±10°C, relative humidity of 50±10%; Application on flat, smooth and clean surface without floating dust and shedding; Leave print for 2 hours before laminating.

WARRANTY CONDITION:

1. One year shelf life: Stored in suitable conditions, preferably use within 6 months.
2. One year warranty period: From the product manufacture date.

1. The information mentioned in this product data sheet is based upon tests that were executed by the manufacturer, and that we consider to be reliable. Environment humidity more than 70% in different district will decrease the printing result.

2. This product has removable glue and can guarantee the removal performance within 1 year if on a painted plate and smooth surface. It is advised to use the same batch of product when joining.

*All technical data is subject to change without prior notice.