



## Fusion high grade cold lamination film

Laminate with Fusion cold laminate for protection against scratches, moisture, and UV damage; extending the lifespan of the image or advertising material.

The glossy finish intensifies colors for a professional look, while the matte option offers a refined appearance with reduced glare. Fusion's clear adhesive backing ensures easy application, enhancing both durability and visual appeal effortlessly.

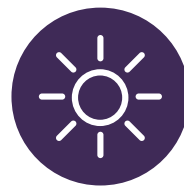
- Use with Fusion Digital Base 100,101, products
- 80 Micron
- Roll size: 1370mm x 50m
- **Available in Matte or Gloss**



Transparent protection film  
Service life up to 12months



Cold Laminate



Protection against scratches,  
moisture, and UV damage



# FUSION High Grade Cold Lamination

<b>Film:</b>	80micron transparent PVC film
<b>Adhesive:</b>	Transparent adhesive
<b>Liner:</b>	100gsm white PEK paper with one side PE & silicon coating
<b>Width:</b>	1370mm

## TESTING CONDITION:

Indoor temperature  $23\pm 2^{\circ}\text{C}$ ; Relative humidity  $50\pm 5\%$ ; Use aluminum, glass, steel plate as the base material for testing.

TEST ITEM	UNITS	TEST METHOD	AVG VALUE
PVC Thickness	Micron	GB/T6672-2001	$80\pm 10$
Liner -Weight	$\text{g}/\text{m}^2$	GB4669-1995	$100\pm 10$
Finished Product - Weight	$\text{g}/\text{m}^2$	GB4669-1995	$230\pm 20$
Initial Adhesion	N/25mm	FTM 9	$\geq 5$
24h, 180°peel	N/25mm	FTM 1	$\geq 10$
Dimensional stability MD	mm	FTM 14	$\leq 1.8$
Dimensional stability CD	mm	FTM 14	$\leq 1.5$
Tensile strength MD	N/25mm	GB/T1040.1-2006	$\geq 35$
Tensile strength CD	N/25mm	GB/T1040.1-2006	$\geq 25$
Construction Temperature	$^{\circ}\text{C}$		$20\pm 10^{\circ}\text{C}$
Applicable Temperature	$^{\circ}\text{C}$		$-20 \sim +70$

## 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  $25^{\circ}\text{C}\pm 5^{\circ}\text{C}$  and relative humidity of  $50\pm 15\%$ .

## PRODUCTION AND APPLICATION ENVIRONMENT:

Production environment: Production environment: temperature of  $25 \pm 5^{\circ}\text{C}$ , relative humidity of  $50\pm 10\%$ , clean dust-free environment without suspended matter; begin the cold lamination and other operation after the image is completely dry.

Application environment: Temperature of  $20\pm 10^{\circ}\text{C}$ , relative humidity of  $50\pm 10\%$ ; 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.

*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. The information always represents an average, a minimum or a maximum value. It is only give for your information, and does not give any guarantee. It is up to the end user to decide whether or not the product is suitable for the particular application.*

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