

NL4120

Cross-grain Floor Film

Product Description:

Film:: 170micron transparent cross-grain PVC film

Adhesive: transparent adhesive

Liner: 19micron transparent release PET

Width: 1.06/1.27/1.37/1.52m

Product Features:

- 1、 Slip-resistant and wear-resistant, protecting the image and enhancing the three-dimensional effect
- 2、 PET liner with good surface flatness, providing a clearer image after lamination
- 3、 Good surface smoothness and shrink resistance, easy to clean, and maintain high image clarity

Product Applications:

The product is mainly used for image protection (such as floor directional signage, indoor floor advertising lamination) while also providing slip resistance.

Technical Parameters:

Indoor temperature of $23 \pm 2^{\circ}\text{C}$, relative humidity of $50 \pm 5\%$, using aluminum plate, glass, and steel plate as substrate for testing.

Index	Unit	Test Method	Standard
PVC film thickness	Micron	GB/T6672-2001	170 ± 10
Liner weight	g/m^2	GB4669-1995	25 ± 5
Finished product weight	g/m^2	GB4669-1995	235 ± 30
初粘力 Initial tack	N/25mm	FTM 9	≥ 5
24h, 180° peel strength	N/25mm	FTM 1	≥ 8
Dimensional stability MD	mm	FTM 14	≤ 1.8
Dimensional stability CD	mm	FTM 14	≤ 1.5
Tensile strength MD	N/25 mm	GB/T1040.1-2006	≥ 50
Tensile strength CD	N/25 mm	GB/T1040.1-2006	≥ 60
Construction temperature	$^{\circ}\text{C}$		20 ± 10
Application temperature	$^{\circ}\text{C}$		$-20 \sim +70$

*All parameters are subject to change without prior notice.

Storage Conditions:

All NAR products should be stored in their original packaging with original protective materials. It is recommended to seal and store them horizontally, with a stacking height of no more than 6 layers, to avoid direct sunlight and direct contact with heat sources. The storage temperature is $25 \pm 5^{\circ}\text{C}$, and the relative humidity is $50 \pm 15\%$. Under these conditions, the storage period of the product is one year.

Printing and Production Requirements:

Production Environment: NAR products are recommended to be used in a temperature of $25\pm 5^{\circ}\text{C}$ and a relative humidity of $50\pm 10\%$, in a clean, dust-free environment with no suspended particles. After the ink of the material to be laminated is completely dry, lamination and other construction operations can be carried out.

Posting Requirements: $20\pm 10^{\circ}\text{C}$, relative humidity of $50\pm 10\%$. The film should be pasted on a flat, smooth, clean surface without floating dust or skin peeling. The necessary curing time for lamination is more than 2 hours.

Quality Assurance Conditions:

- 1、 Shelf life is one year: cold lamination film products need to meet storage conditions, and it is best to use them within six months.
- 2、 Statute of limitations: Within one year from the date of product production, complaints will not be accepted after the deadline.

Important Note:

All descriptions, technical information, and application recommendations related to NAR materials are based on what we believe to be credible typical test results. The information described is an average, minimum, or maximum value, and should be considered for reference only without any guarantees. All NAR products should be tested by end customers in the final environment to confirm whether they meet the requirements of the intended

Application: ✖Shanghai Wanda Zhoupu Plaza:

NAR
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