

UNISCREEN GROUP – 3 YEAR EXTERIOR LAMINATE

Permanent Clear Adhesive • Cold Lamination • 3Year Exterior Life Gloss or Matte Finish
• 80 Micron PVC Film 120gsm PE/SiliconeCoated Wooden Pulp Liner with Metre Markers

Product Overview

Enhance and protect your printed graphics with this premium **80 micron transparent PVC laminate**, engineered to deliver longlasting clarity and visual brilliance. Designed for **up to 3 years of exterior durability** under European vertical exposure conditions, this laminate safeguards prints from **UV fading, abrasion, and environmental wear**, ensuring your images retain their depth, colour accuracy, and professional finish.

The **permanent clear adhesive** provides smooth, uniform bonding, while the **120gsm woodenpulp liner**, coated on one side with PE and silicone, ensures excellent stability and easy handling. Convenient **metre markers on the liner** support precise cutting and help reduce material waste.

When applied using **cold lamination**, this film enhances image vibrancy, adds depth, and elevates the overall visual impact — making it ideal for photographers, sign makers, and graphic professionals who demand premium presentation and longterm protection.

Key Features

- **80μ transparent PVC laminate**
- **Permanent clear adhesive** for strong, consistent bonding
- **Gloss or matte finish** options
- **Coldlamination application**
- **Enhances colour depth and protects against fading**
- **120gsm PE/siliconecoated woodenpulp liner**
- **Metremarked liner** for accurate cutting and reduced waste
- **Up to 3year exterior durability** (European vertical conditions)

Technical Data

Test Item	Unit	Method	Average Value
PVC thickness	Micron	GB/T66722001	80 ± 5
Liner weight	g/m ²	GB46691995	120 ± 10
Finished product weight	g/m ²	GB46691995	255 ± 20
Initial adhesion	N/25mm	FTM 9	≥11
24h peel (180°)	N/25mm	FTM 1	≥13
Dimensional stability MD	mm	FTM 14	≤1.0
Dimensional stability CD	mm	FTM 14	≤0.6
Tensile strength MD	N/25mm	GB/T1040.12006	≥40
Tensile strength CD	N/25mm	GB/T1040.12006	≥35
Service temperature	°C	—	-20 to +70

Testing conditions: Standard indoor environment.
Technical data subject to change without notice.

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Applications

Ideal for:

- Print protection for indoor and outdoor graphics
- Photographic prints and display panels
- Signage, posters, and commercial displays
- Any project requiring enhanced durability and colour longevity

Designed to **prolong image life, boost vibrancy, and protect against environmental exposure.**

Storage Conditions

- Store in **original packaging** with all protective materials intact
- Avoid **direct sunlight and heat sources**
- If stored horizontally, **do not exceed six layers**
- Shelf life: **6 months at 25°C ±5°C, 50% ±15% RH**
- Under ideal conditions, shelf life may extend to **12 months**

Printing and Laminating Environment

- **Clean, dustfree printing environment**
- **Temperature: 25°C ±5°C**
- **Relative humidity: 50% ±10%**
- **Acclimate materials for 24 hours** before use
- Always **test before full production** and allow adequate edge margins

Application Requirements

- **Temperature: 20°C ±10°C**
- **Relative humidity: 50% ±10%**
- Apply only to **clean, smooth, even, dust free surfaces**
- Avoid overstretching to prevent curling
- Film flexibility decreases at lower temperatures
- Allow minimum **2 hour curing time** after installation

Warranty Conditions

- Warranty valid only when stored in **original packaging**
- Refer to individual product warranty sheets for full details

⚠ IMPORTANT

- **Humidity above 70% may affect application quality**
- Permanent adhesive may leave residue depending on substrate and duration
- Use **samebatch material** when joining panels for best consistency