

# UNISCREEN GROUP – 3 YEAR DIGITAL MEDIA

Removable Adhesive • AirRelease • 3Year Exterior Life for Solvent, EcoSolvent, UV & Latex Printers White Gloss or Matte • Grey Adhesive • 1370mm × 50m Rolls

## Product Overview

Elevate your print projects with a bright white PVC film engineered for professional, highimpact graphics. This **100 micron monomeric film** features a **removable grey adhesive** for clean, easy application and residuefree removal — ideal for **temporary signage, retail displays, and promotional graphics**.

A **140gsm PEK liner** with bubble free technology and doublesided PE/silicone coating ensures smooth handling and effortless installation. The film delivers **vivid colour reproduction, strong opacity (>90% coverage)**, and **stable ink absorption**, making it a trusted choice across the European market.

The media meets EU environmental standards, including **REACH (No. 1907/2006)** and **RoHS 2.0** compliance.

## Key Features

- 100µ monomeric PVC film
- Removable grey adhesive for clean removal
- Air release liner for bubble free installation
- White gloss or matte face film
- Suitable for Solvent, EcoSolvent, UV & Latex printers
- Strong opacity (>90%) to hide underlying surfaces
- Excellent colour vibrancy and print stability
- 3year outdoor durability (European conditions)
- 1370mm width × 50m roll length
- REACH & RoHS 2.0 compliant

## Technical Data

Test Item	Unit	Method	Average Value
PVC film thickness	Micron	GB/T66722001	100 ± 10
Liner weight	g/m <sup>2</sup>	GB46691995	140 ± 10
Finished product weight	g/m <sup>2</sup>	GB46691995	310 ± 20
Gloss rate (60°)	%	GB880788	≥75
Initial adhesion	N/25mm	FTM 9	≥5
24h peel (180°)	N/25mm	FTM 1	≥7
Dimensional stability MD	mm	FTM 14	≤1.0
Dimensional stability CD	mm	FTM 14	≤0.6
Tensile strength MD	N/25mm	GB/T1040.12006	≥45
Tensile strength CD	N/25mm	GB/T1040.12006	≥40
Construction temperature	°C	—	20 ± 10
Service temperature	°C	—	-20 to +70
Shelf life	—	—	1 year

**Testing conditions:** 23 ± 2°C, 50 ± 5% RH. Tested on aluminium, glass, and steel substrates.

*Technical data subject to change without notice.*

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## Applications

Ideal for:

- Internal and External Signage
- Short Term flat vehicle panels
- Graphics
- Billboards
- Large Format Advertising

## Storage Conditions

- Store in original packaging with all protective materials intact
- Avoid direct sunlight and heat sources
- Maximum six horizontal layers if stacking
- 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

- Print in a clean, dustfree environment
- Temperature: 25°C ±5°C
- Relative humidity: 50% ±10%
- Acclimate materials for 24 hours before printing
- 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, dust free surfaces
- Avoid overstretching to prevent curling
- Allow minimum 2 hour curing time after installation
- Film flexibility decreases at lower temperatures

## Warranty Conditions

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

### **▲ IMPORTANT**

- Humidity above 70% may affect print quality
- Permanent adhesive versions may leave residue depending on substrate and duration
- Use same batch media for panel joins to ensure colour consistency