

# UNISCREEN GROUP – 3 YEAR HIGH TACK DIGITAL MEDIA

High Tack Adhesive • Air Release • 3 Year Exterior Life for Solvent, EcoSolvent, UV & Latex Printers White Gloss Face • Grey Adhesive • 1370mm × 50m Rolls

## Product Overview

Experience outstanding visual performance with a premium white gloss PVC film engineered for **high impact advertising, decals, and demanding applications**. This **100 micron glossy monomeric film** is celebrated for its **superior colour rendering and accurate colour reproduction**, making it a popular choice throughout the European market.

A **high tack transparent adhesive** ensures strong, longlasting adhesion to challenging surfaces, while the **140gsm PEK liner** — coated on both sides with PE and silicone — provides excellent stability and **bubble free installation**, even across large areas.

With excellent **ink absorption, dimensional stability, and reliable weather resistance**, this film performs consistently indoors and outdoors. It meets strict EU environmental standards, including **REACH (Reg. No. 1907/2006)** and **RoHS 2.0** compliance.

## Key Features

- 100µ monomeric PVC film
- High tack transparent adhesive for strong, durable bonding
- Air release liner for smooth, bubble free installation
- White gloss or matte face film
- Compatible with Solvent, EcoSolvent, UV & Latex printers
- Excellent colour vibrancy and print accuracy
- Strong dimensional 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 (60°)	%	GB880788	≥75
Initial adhesion	N/25mm	FTM 9	≥12
24h peel (180°)	N/25mm	FTM 1	≥14
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:

- Vehicle body graphics
- Signage and decals
- Large format advertising
- Difficult or textured surfaces
- Waste bin wraps, equipment marking, retail displays

Designed for projects requiring **strong adhesion and longterm reliability.**

## 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

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

## Application Requirements

- **Temperature: 20°C ±10°C**
- **Relative humidity: 50% ±10%**
- Apply only to **clean, smooth, even, dustfree 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 print quality**
- Hightack adhesive may leave residue depending on substrate and duration
- Use **samebatch media** when joining panels for best colour consistency