

LD3880 – Ultra Tack Monomeric Digital Print Vinyl

Description

Ultra tack sheet is a white opaque glossy PVC film for solvent inkjet printing. This is designed to meet high resolution printing with excellent color.

Features

- Excellent printing performance
- Excellent weather resistance: Solvent based acrylic adhesive (Permanent Type)
- Release liner: 83# Super flat, double side PE coated paper
- High performance aggressive permanent pressure sensitive adhesion

Areas of use

- Solvent inkjet printing: Vutek, Arizona, Mimaki, Mutoh, Roland, DGI etc.
- Selected smooth to rough wall surface

Removal is not warranted user must test and approve.

Unsuitable area of use

- Exposure of Freeze/thaw cycles
- Intense dirt sunlight
- More 1/8" deep (depth of Joint and embo)
- Rusty painted wall
- Oily or dusty surface

Fabrication

Printing

The film can be printed with solvent based ink. For the outdoor durability, it must be printed with a pigmented ink in accordance with the supplier recommendations.

Characteristics

Item	Description
Film	80 micron opaque film with gloss finish
Thickness	130 micron with adhesive ($\pm 10\%$)
Adhesive	Acrylic based pressure sensitive (Solvent based)
Adhesive color	Clear
Liner	Double sides PE coated paper (135 g/m ²)
Application surfaces	Flat
Application temp.	$\geq 10^{\circ}\text{C}$ (18 to 25 $^{\circ}\text{C}$ optimum)

Durability

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is 1 years when properly processed and applied (unprinted film vertical exposure).

Durability is not warranted user must pre-test and approve

It is influenced by

- installation technique
- surface temperature
- texture variation
- selection and preparation of the substrate
- environmental conditions
- cleaning or maintenance methods

(Scrub the surface with a brush, Vacuum with a wet-dry vacuum)

Shelf Life

Shelf life is 1 year from factory shipment.

Storage Condition

Free from excessive moisture, temperature, direct sunlight (20°C x 50 % R.H.)

Physical Properties

Property	Metric Units	Test Method
Thickness (Including adhesive)	130 µm ± 10	Micrometer
Tensile strength	≥ 1.8 kg/cm ²	ASTM 882
Elongation	≥ 100 %	ASTM 882
Service temp. range	-45°C ~ 82°C	Film applied Al panels 24 hrs prior test
Application temp.	≥ 10°C	18 to 25°C optimum, on clean substrate
Opacity	Tt ≤ 10	Haze Meter (Tt: Transmission)
Gloss	70 ↑	at 60, in Machine Direction
Release liner thickness/weight	0.14mm / 135 g/m ²	

ICC-Profile

ICC Profiles for this product are available for download at <http://sign.lghausys.eu/en/ultratack>.

Warranty

The information provided on this sheet represents typical properties and does not constitute a specification. No liability will be accepted for errors and omissions and in no circumstances shall LG Hausys Ltd. be liable for any loss or injury arising directly or as a consequence of the publication of this data sheet. All LG Hausys vinyl sold subject to our conditions of sale. LG Hausys also retains the right to change sizes and specifications of products without prior notice.

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