

3880 – 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 $\mu\text{m} \pm 10$	Micrometer
Tensile strength	$\geq 1.8 \text{ kg/cm}^2$	ASTM 882
Elongation	$\geq 100 \%$	ASTM 882
Service temp. range	-45°C ~ 82°C	Film applied Al panels 24 hrs prior test
Application temp.	$\geq 10^\circ\text{C}$	18 to 25°C optimum, on clean substrate
Opacity	$T_t \leq 10$	Haze Meter (Tt: Transmission)
Gloss	70 \uparrow	at 60, in Machine Direction
Release liner thickness/weight	0.14mm / 135 g/m ²	

Warranty

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