

English Version (Japanese Translation)

Post-Order Production

screen ink

Functional Ink "JELCON"

Masking ink

Functionality Masking | UV-curable type

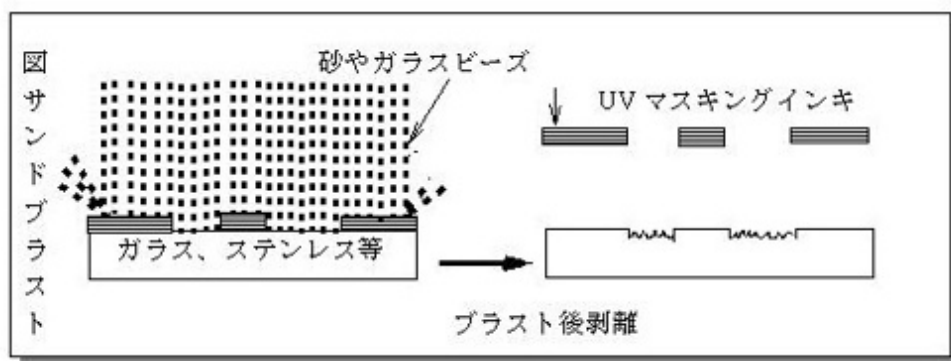
JELCON GEC-10H

This is a UV masking ink for sandblasting.

Printing on stainless steel and glass is possible.

Product Features

- A tough, stretchable film with rubber elasticity is instantly formed by UV irradiation, and this film has the ability to peel off specific materials.
- Because the film is tough, it is very easy to peel off and leaves no peeling marks.
- Since it is 100% non-volatile, it has low odor and is suitable for thick film printing.
- It does not inhibit peeling caused by humidity or heating.
- It offers excellent reproducibility during printing and is less likely to cause fin effects, demonstrating excellent printing suitability.
- It forms a rubber elastic film, making it highly suitable for sandblasting treatment.
- It is a non-silicone type.



Features

post-exfoliative

print reproducibility

printability

A tough rubber film with elasticity

low odor

silicon-free

leveling ability

Endurance

water resistance

moisture resistance

heat resistance

heat resistance

Recommended Printed Materials

Material

paper

transfer paper

Surfaces treated with metal, glass, ceramics, and hard coatings

metallic base

Stainless steel

glass

Post-processing and secondary processing

Sandblasting process
jujo-chemical.co.jp

Color & Grade

Functional Ink Colors

Blue

Specifications

Lotus form

1kg Poly Bottle

How to use

- Stir well and use as is.
- Print at room temperature of 15~30° C and avoid direct sunlight.

print edition

mesh	Cleaning	Recommended Printing Film Thickness
120 (Stainless Steel)	Vinyl cleaning solvent	thick 30~40 μ m

Curing Method & Conditions

- With UV irradiation drying, it enables printing with excellent reproducibility and leveling without after-tack.

UV Exposure Conditions

It varies depending on the ink color and type of substrate.

Types of lamps	lamp strength	irradiation distance	Conveyor speed	total luminous amount
Metal Halide Lamp	120W/cm, 1 lamp	10cm (focal length)	10m/min or less	250mJ/cm ² or more

Notes

- For general precautions, please refer to the attached document "[UV ink](#)"Please refer to the detailed information in the "" section.
- For safety precautions when using the product, please refer to the product's Safety Data Sheet (SDS).
- The contents provided in this information may be changed or revised without prior notice.
- When using the device, please thoroughly consider the conditions based on the evaluation results of the equipment and substrate actually being used.