

English Version (Japanese Translation)

Post-Order Production

screen ink

Functional Ink "JELCON"

Adhesives and Non-Slip Inks

Functionality Non-slip | UV-curable type

JELCON USL-1

This is a UV-curable ink that forms a film with anti-slip effects through printing.
It excels in printability and leveling performance.

Product Features

- For printing with the JELCON USL series for "non-slip" printing,
a patent has been established for certain printing patterns.
For details about the patent details, please contact our sales department.
- The flexible film properties provide anti-slip properties.
Therefore, as long as no dust or debris sticks to the surface of the film, you can use it repeatedly.
- Besides slip resistance, it can also be used as a weak adhesive for temporary fastening or re-peeling.
- Because the ink is 100% non-volatile, it has low odor and is suitable for thick-film printing.

Specifications

Print area10~30m²/kg**Lotus form**

1kg Poly Bottle

How to use

- After stirring thoroughly, use as is.
- Please print at room temperature of 20~30° C and avoid direct sunlight.
- To reduce viscosity, add TY refluus.
(As these are made-to-order products, we do not keep them in stock.)
- When storing, avoid direct sunlight and store in a cool, dark place.

print edition

mesh

100~150

Cleaning

Vinyl cleaning solvent

Recommended Printing Film Thickness

thick

Curing Method & Conditions

UV Exposure Conditions

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

Types of lamps

Metal Halide Lamp

lamp strength

120W/cm, 1 lamp

irradiation distance

10cm (focal length)

Conveyor speed

10m/min or less

total luminous amount250mJ/cm² or more

Notes

- If the printing film pressure is too thin, the anti-slip effect will not be sufficient.
- Compared to the USL-3, the finish is slightly less opaque.
- When overprinting on solvent-based ink, insufficient drying of solvent-based ink reduces slip resistance and weak adhesion.
It will be done this way.
- When stacking printed materials using the JELCON USL series, be sure to use release paper or release film together. Please do so.
- 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.