

English Version (Japanese Translation)

OEM

Post-Order Production

screen ink

Pad ink

general printing | UV-curable type

PJU-A

Product Features

- It has high surface hardness and excellent abrasion resistance, abrasion resistance, and solvent resistance.
- The ink film is thick, allowing for a full-bodied print.
- No viscosity adjustment with solvents is required, allowing stable printing conditions to be maintained.
Therefore, it is advantageous when performing continuous printing.
- In case of printing defects, wiping is easy.
- It has a short curing time and can be processed at low temperatures.

Features

Onboard stability

high hardness

fast hardening property

Endurance

solvent resistance

Physical Endurance

abrasion resistance

abrasion resistance

Recommended Printed Materials

Material

Vinyl

Rigid Vinyl [PVC]

General plastic

Acrylic [PMMA]

Acrylonitrile Butadienestyrene [ABS]

Polycarbonate [PC]

Finish, Texture, and Visual Effects

finish

gross

Color & Grade

Standard Colors (Standard Colors)

00 Medium

01 White

08 Red

16 Pink

25 Purple

28 Orange

45 Dark Blue

46 Blue

75 Green

85 Ultramarine

90 Black

Standard Colors (Weather-Resistant Colors)

06 Cinnabar

13 Qing Huang

14 Red and Yellow

18 Red

Specifications

Lotus form

1kg Poly Bottle

Accessories

Solvent: 1kg can / 15kg can

How to use

- The shelf life is within one year of manufacture.
- Reactions may occur due to light or heat, so please store in a cool, dark place.

print edition

Printing Methods & Formats

Pad printing

Cleaning

Vinyl cleaning solvent

Recommended Printing Film Thickness

thick

Curing Method & Conditions

- Please print using a dedicated UV printing machine.
The dedicated machine is equipped with mechanisms to ensure high-quality printing.
- After UV irradiation, the intensity will be stronger for 2~3 days.
We recommend a type of irradiation machine with low infrared light, designed to prevent thermal deformation of the printed material.

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

Conveyor speed

8~10m/min

Notes

- This ink is an OEM product.
When purchasing, [Navitas Machinery Co., Ltd.](#) Please consult with us.
- 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.