



English Version (Japanese Translation)

OEM

screen ink

Pad ink

general printing | Evaporative drying type

PAD-PLX

Product Features

- PAD-PLX is an improved type of ink that improves the workability of PAD-SSG, and it hardly causes thread pull during printing.
- It has excellent physical properties such as alcohol resistance and plasticizer resistance, making it suitable for printing industrial parts.
- This is a versatile ink with excellent cost-effectiveness.

Features

No thread pull

printability

Economics

high physical properties

Endurance

Chemical resistance

plasticizer resistance

solvent resistance

alcohol resistance

Recommended Printed Materials

Material

Vinyl

Soft Vinyl [PVC]

Rigid Vinyl [PVC]

General plastic

Acrylonitrile Butadienestyrene [ABS]

High-Impact Styrofoam [HIPS]

Polycarbonate [PC]

Final product

industrial parts

Finish, Texture, and Visual Effects

finish

gross

Color & Grade

Standard Colors (Standard Colors)

00 Medium	[Special Color] 02 Yellow	[Special Color] 03 Blue-Yellow	05 Gold Red	07 White	08 Red
16 Pink	17 Red	[Special Color] 25 Purple	[Special Color] 28 Orange	[Special Color] 35 Light Onion	
45 Dark Blue	46 Blue	75 Green	85 Ultramarine	90 Black	

Standard Colors (Weather-Resistant Colors)

[Special Color] 06 Gold Red	13 Qing Huang	14 Yellow	18 Red	87 Ultramarine
-----------------------------	---------------	-----------	--------	----------------

EXO color

white



Specifications

Lotus form

1kg metal can

Accessories

Solvent: 1kg can / 15kg can

How to use

- Add 10~30 parts of solvent to 100 parts of ink, stir well, and print after thorough mixing.

diluent

- ES solvent (quick-drying, standard, slow-drying)
- SGA solvent

print edition

Printing Methods & Formats

Pad printing

Cleaning

Vinyl cleaning solvent

Curing Method & Conditions

Evaporative Drying Conditions

completely dry

Stay at room temperature for a whole day and night

Depending on the material, drying may progress for about a week, improving physical properties.

Classification under the Fire Service Act and the Organic Solvent Poisoning Prevention Regulations (Organic Rules)

Product Name	Applicable Products	Fire Service Act Hazardous Materials Classification	Organic Classification
PAD-PLX-1 Ink	Except EXO White (including mixed colors)	Category 4, Second Petroleum	Type 2 organic solvents, etc.
PAD-PLX-2 Ink	07 White	Designated combustible materials (combustible liquids)	Type 2 organic solvents, etc.
PAD-PLX-3 Ink	EXO White	Designated Combustible Materials (Combustible Solids)	Type 2 organic solvents, etc.
ES solvent	Quick drying, standard, slow drying	Category 4, Second Petroleum	Type 2 organic solvents, etc.
SGA solvent	Quick drying, standard, slow drying	Category 4, Second Petroleum	Type 2 organic solvents, etc.
jujo-chemical.co.jp Vinyl solvent	for washing	 十条ケミカル株式会社 JUJO CHEMICAL CO.,LTD. Category 4, Second Petroleum	TEL (Main Line) 048-561-5721 TEL (Orders) 048-561-5722 Type 2 organic solvents, etc.

Notes

- This ink is an OEM product.
When purchasing, [Navitas Machinery Co., Ltd.](#) Please consult with us.
- PAD-PLX forms a more flexible coating than PAD-SSG.
As a result, its wear resistance has slightly decreased.
For applications where this is an issue, we recommend the PAD-PLV.
- 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.