

English Version (Japanese Translation)

screen ink

Evaporative Drying Ink

general printing | Evaporative drying type

NSP Ink 7000 Series

This is an evaporation-drying type ink developed for printing on waterproof nylon fabric. It offers excellent flexibility and adhesion, low odor, and excellent concealment.

Product Features

- Strongly bonds to waterproof nylon and polyester fabrics.
- It has relatively low odor and dries quickly.
- Excellent flexibility.
- Its concealing power, especially with white ink, is excellent.

Features

concealment

flexibility

Adhesion

quick-drying

low odor

Recommended Printed Materials

Material

Vinyl

Vinyl sticker

PVC leather

soft material

Polyurethane [PU]

Urethane leather

cloth

Waterproof nylon fabric

Polyester fabric

Final product

sports bag

Finish, Texture, and Visual Effects

finish

semi-gloss

Color & Grade

Standard Colors (Standard Colors)

02 Yellow

03 Green and Yellow

05 Gold Red

06 White

08 Red

16 Pink

25 Purple

28 Orange

35 Asa Leek

45 Dark Blue

46 Blue

75 Green

85 Ultramarine

90 Black

Standard Colors (Weather-Resistant Colors)

18 Red

87 Ultramarine

Surface Decoration Clear

Overcoat Clear

Improves physical properties such as gloss impartation and weather resistance.

Specifications

Lotus form

1kg Ink Can

How to use

- Dilute with NSP solvent (quick-drying, standard, slow-drying) or vinyl solvent before use.
NSP solvents have stronger solubility than vinyl solvents, but at the same time, they have a stronger odor.
- Waterproof nylon fabric comes in various types depending on the treatment method and degree.
Recently, water-repellent treatment technology has improved, making the water repellency stronger than before.
Be sure to conduct a preliminary adhesion test.
For more details, see "[About NSP Ink Printing on Waterproof Nylon Fabric](#)" Please refer to the ""
- If the fabric is highly water-repellent and the ink adhesion is insufficient, either add the curing agent JA-960 to the ink or
print medium (with curing agent) as an undercoat and print color ink on top.
- If NSP ink alone does not provide sufficient alcohol resistance, please use NSP Overcoat Clear together.
- Compared to other series, it has particularly high flexibility, so the abrasion resistance of the printing film tends to be weak.
Especially when in contact with clothing, color fading may occasionally occur.
For such applications, we recommend layering NSP Medium or NSP Overcoat Clear for printing.

print edition

Types of Editions	Cleaning	Recommended Printing Film Thickness
photographic plate	NSP Cleaning Solvent	thick

Curing Method & Conditions

When NSP 7006 White is printed on waterproof nylon fabric (temperature 20° C)

Evaporative Drying Conditions

Dry fingertips

- Adding 20% NSP quick-drying: about 10~15 minutes
- Adding 20% NSP standard: about 15~20 minutes
- Add 20% NSP Slow Drying: about 25~30 minutes

Notes

- It is not designed with washing resistance in mind.
Please check the washing resistance thoroughly in advance.
- When using 7000 Series NSP ink for printing on polyurethane sheets for membrane switches,
Please note that there are limitations regarding weather resistance and heat discoloration resistance.
- For weather resistance, we recommend using colors of grade 6 or higher.
Also, when heating during post-processing, it is necessary to use colors that pass heat tarnishing resistance.
(Test condition: 120° C for 40 minutes)
- 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.