



JNY - High Grade Gloss Ink for Water-Proof Nylon

1/2

SUBSTRATES

Nylon, especially for water-proof nylon.

END USES

Raincoat, umbrella, bags, etc.

PRODUCT INFORMATION

Medium drying and gloss ink, excellent opacity, qualities with good printability and anti-blocking. Excellent adhesion to water-proof nylon.

Items	Adhesion	Transfer resistance	Scratch resistance	Anti-attrition	Kneadability	Acid resistance	Alkali resistance	Water resistance
Performance	Excellent	Grade 4-5	Grade 4-5	Grade 4-5	Grade 5	Grade 3-4	Grade 3-4	Grade 3-4

TECHNICAL PARAMETER

Items	Appearance	Chroma	Thinness	Viscosity	Glossiness	Flowability	Resin
Performance	Refer to color sample	8%-15%	Less than 7u	100-180p	70-75	15-20mm/s	≥45%

APPLICATION INFORMATION

MESH & Printing

- can be printed through any type of mesh, but for the best printing results it is recommended that 60-120T Monofilament mesh is used.
- can be printed through a variety of solvent resistant stencils, such as Diazol PU 710, Diazol (S42), Polyzol direct DE422 and Diazol U022.
- A snap distance of about 2-3 mm is required for a good release of the print from the screen.
- Apply Spray Way SW82 all over the print table to firmly hold the substrate in place during printing. Due to the wide range of coatings available, it is advisable that the ink be tested fully prior to printing.

Monofilament mesh, 60-120T.

SQUEEGEE

65-85 durometer solvent resistance blades, such as PU

COVERAGE

Approx. 30m²/kg under 80T mesh

CURE

Force to dry with hot air dryer below 100°C is allowed.

ADDITIVES

J-S1800 thinner, J-S1720 fast dry thinner, J-S1710 medium dry thinner or J-S1700 slow dry thinner.

CLEAN UP

Use organic solvent to clean the stencil, such as J-S1700 cleaner.

NOTE

- 1 To dissolve the ink evenly and avoiding rough finished printing surface, use stronger thinner.
- 2 As PVC doesn't have good solvent resistance, it may cause sticky problem when stack nylon with PVC filmed back, make sure finished products are dried thoroughly and avoid stacking together.
- 3 When printing on nylon with PVC filmed back, as the PVC contains anti-stickers, it's easy to cause color transformation, to solve this problem, use colors with good penetration resistance.
- 4 It is recommended to test beforehand to ensure good adhesion to different substrates.
- 5 If 9004 or 9005 was added, the printing process should be finished within 8 hours.

PRODUCT RANGE AND PACKAGE

All the colors except outdoor process colors are available in 1KG, 5KG and 20KG containers.

STORAGE

Two years under sunless condition of 5°C-25°C, avoid contacting with acid and alkali.

TECHNICAL SERVICE AND INFORMATION

For further information or other relevant data, please do not hesitate to contact sabinecolors has a team of well-trained personnel who are ready to give help and advice regarding product information and application.

Test before printing.