



J-M Series Matte PVC Ink

SUBSTRATES

Soft PVC, acrylics, paper, wood and imitated nylon.

END USES

Air-charged toy, manmade leather products, plastic commodity, shoes, cap, ball, travel bag.

PRODUCT INFORMATION

Medium drying and matte ink, excellent opacity, qualities with good printability and anti-blocking. Finished printing features with excellent flexibility and weather resistance. S series also can be applied on a film which is as flexible as soft PVC. It is particularly available for large formats printing.

Items	Adhesion	Transfer resistance	Scratch resistance	Anti-attrition	Knead ability	Acid resistance	Alkali resistance
Performance	Excellent	Grade 2-3	Grade 4	Grade 4	Grade 3-5	Grade 3-5	Grade 3-5

Items	Appearance	Chroma	Thinness	Viscosity	Glossiness	Flow ability	Resin
Performance	Refer to color sample	8%-15%	Less than 10u	60-120p	Oct-20	15-25mm/s	≥45%

APPLICATION INFORMATION

MESH & Printing

- can be printed through any type of mesh, but for the best printing results it is recommended that Monofilament mesh, 60-120T is used.
- can be printed through a variety of solvent resistant stencils, such as Diazol PU 710, Diazol (S42), Polyzol direct DE422 and Diazol Universal PU022.
- 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.

SQUEEGEE

65-85 durometer solvent resistance blade, such as PU

COVERAGE

Approx. 30m²/kg under 100T mesh

CURE

Force to dry with hot air dryer below 60°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-S1800 cleaner.

NOTE

1 To avoid sticky problem while printing on soft PVC, don't stack the finished products together.

2 It's easy to cause color transformation while stack color 2030, 2060, 3020, 3080 and the fluorescent colors together, use transfer resistance color is preferable,

3 The penetration resistance ability of the ink and the condition of the substrates will affect the appearance. Take note of the character of the ink and the quality used.

4 Color code 5010, M800, M900, M910 those four colors have slight electric conduction. It is not suitable for high frequency welding.

5 Note the affection to the substrate while using J-S1700 thinner.

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.

Test before printing.