

English Version (Japanese Translation)

screen ink

additive

For other inks

solvent-based

Additive Applications Improved Adhesive Performance
Improved boiling resistance Improved Water Resistance
Physical Property Improvement

JA-1000 Epilite Additive

This is a silane coupling agent additive that improves adhesion to inorganic substances.

Product Features

- By adding it to ink, adhesion, physical properties, water resistance, and boiling resistance to inorganic materials such as glass and metal are improved.

Features

Adhesion

Endurance

water resistance

heat resistance

boiling resistance

Recommended Printed Materials

Material

Surfaces treated with metal, glass, ceramics, and hard coatings

metallic base

glass

Specifications

Lotus form	Characteristics
100g metal cans	liquid

How to use

- Add ink just before use.
- Add the specified diluent solvent and stir well before printing.
For details, please refer to the information for each ink.
- The amount added is 0.5~3 parts per 100 parts of ink.
- Usable time is 3~8 hours (25° C).

Curing Method & Conditions

- The higher the curing temperature, the better the film's physical properties. Within the possible range, set the curing temperature as high as possible.
- The optimal curing time varies depending on the type of ink combined and the intended physical properties.
Be sure to conduct a confirmation test in advance.

Notes

- Cannot be used together with hardeners (except for epilite curing agents and JA-980).
- Moisture contamination can alter the ingredients, so please seal tightly after use.
- Additives harden on their own due to moisture. After opening, please use it up within the same day.
The approximate expiration date is "1 year after manufacture," but this applies to unopened packaging.
- Even after the usable time has passed, the ink remains fluid for a while and can be printed.
However, the physical properties and gloss of the cured film have deteriorated, so please avoid using it.
- 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.