

Laminated Card Adhesives

Laminated Card – Adhesives & Vehicles

Laminated Card Adhesives

DESCRIPTION

Laminated Card Adhesives & Vehicles are supplied and designed especially for the Laminated Card industry. They offer superior peel strength for Laminated Card manufacturing.

PACKAGING

Most products can be purchased in gallon, five gallon, and 55 gallon containers. Please consult with your Fujifilm representative for more information and to request any unique packaging requirements.

THINNING & ADDITIVES

Laminated Card products are supplied press ready, and can be thinned from 5-10% with water. Caution should be used when thinning as viscosity will drop quickly. Mix well before use.

For certain unique situations, manufacturers might require an additive. Please contact your Fujifilm representative to discuss individual products for your specific application.

Laminated Card Adhesives Features

The main features are:

- Superior peel strength
- Broad compatibility with UV offset inks, coated overlay films and many pearl or metallic pigments
- Low distortion after lamination
- Resistance to impact cracking
- Very low yellowing
- Contact your Fujifilm representative for unique printing requirements

DRYING

Adhesives can be force dried 15 to 60 seconds @ 140°F. *This assumes a wet film thickness of 2 mil.*

MESH AND STENCIL (LC2, LAV, SLA)

These adhesives print well through 140 to 305 monofilament polyester fabrics. The ideal squeegee durometers are from 60 to 80.

Stencil materials must be solvent and water resistant. Dirasol 916 offers superb resolution and definition. Highly resistant to water-based ink systems. Recommended to give the highest stencil durability. A hardener will increase the durability of any emulsion.

PRINTING RECOMMENDATIONS (FLA, GLA, RLA)

These adhesives were developed to be used with 10 to 12 BCM anilox for proper coverage.

COVERAGE

Standard applications will yield coverage of 1200 to 1800 square feet per gallon, depending on the application method and film thickness.

WASH UP

Wash up on press should be done immediately after use. Water will work as well as press washes designed for water-based inks.

Isopropanol is a suitable wash up for dried adhesive.

METALLICS

Use only water stable Metallic powders to insure that mixtures stay press ready, such as:

PFS31508	Coarse Metallic Flake*
PFS31509	Medium Metallic Flake*
PFS31510	Fine Metallic Flake*

**Please contact your Fujifilm representative for more information regarding stable metallic powders.*

PRE-PRODUCTION TESTING

It is recommended that all substrates be tested before use as supposedly similar substrates can vary between manufacturers and even between different batches from the same manufacturer. Certain plastics may be impregnated with lubricants that, like plasticizer migration, may impair adhesion and block resistance, even a considerable period after printing. Other plastics can become brittle or caused to curl after printing.

The end-user must determine suitability of these products, for the intended use, prior to production.

PRICING

Pricing is available upon request. Please contact Fujifilm for specific information & details.

STORAGE

Containers should be tightly closed immediately after use. At the end of long printing runs, surplus ink from the screen should be disposed of. Refer to Material Safety Data Sheet (MSDS) for materials and conditions to be avoided. In the interest of maximum shelf life, storage temperatures should be between 50°F (10°C) and 77°F (25°C). When stored under these conditions the maximum shelf life is shown by the use by dates, which is clearly marked on all ink containers. Do not allow water-base products to freeze.

SAFETY AND HANDLING

Please refer to the SDS for safety, handling, and waste disposal information.

The information and recommendations contained in this Technical Data Sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason, our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.

PRODUCTS:

Laminated Card Adhesives

Item	Description
▶ SWA-FLA	Flexo Printable Adhesive
▶ SWA-GLA	K93446 Gravure Adhesive
▶ SWA-LAV	Lam Adhesive Vehicle
▶ SWA-LC2	K95088 Lam Adhesive/Vehicle
▶ SWA-RLA	K93113 Roll Coat Adhesive
▶ SWA-SLA	K92626 Screen Printable Adhesive

All product except SLA and GLA is packaged in 5 gallon containers. SLA is packaged in 44 pound containers. GLA is packaged in a 55 gallon drum.

Metallics

▶ PFS31508	Stable Coarse Metallic Flake
▶ PFS31509	Stable Medium Metallic Flake
▶ PFS31510	Stable Fine Metallic Flake

Please contact your Fujifilm representative for more information regarding stable metallic powders. All metallic powders are packaged with 2 kilogram (4.4 pounds) per container.



THE FUJIFILM GREEN POLICY

We at Fujifilm believe that “sustainable development” of the Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority. As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.