

PRODUCT INFORMATION

FEATURES

- ▶ Very Fast Drying
- ▶ Excellent Screen Stability and Self-Solvency
- ▶ Block Resistant
- ▶ Superior Printability and Print Definition
- ▶ Low Odory

SUBSTRATE APPLICATIONS

- ▶ Pressure-Sensitive Vinyls
- ▶ Many Top-Coated Polyesters
- ▶ Polystyrene
- ▶ Most Rigid Vinyls
- ▶ ABS
- ▶ Many Coated Paper and Display Boards

THINNING

Stir well before every use. Plastijet XG should be thinned 15% to 20% with XG-TH Thinner for manual printing and 20% to 30% with XG-TH Thinner for most machine printing operations.

Under extremely hot shop conditions or slow printing applications, use XG-RT Retarder..

MESH

Plastijet XG prints well through 230 to 305 (90 to 120/cm) monofilament polyesters.

STENCILS

Stencil materials must be solvent resistant. Dirasol 911, SuperCoat 915, 916, 917, AST, 210 and 220 dual cure, or Dirasol 132 one pot direct emulsions are recommended to give the highest print quality and stencil durability.

Solvent-adhered stencil films should not be used with Plastijet XG.

COVERAGE

Standard line colors should yield 1,800 to 2,400 square feet/gallon (45 to 57 m²/liter) depending on film thickness.

DRYING

Plastijet XG will jet dry at 120°F to 140°F (50°C to 60°C) in 12 to 16 seconds. Overprints may require additional dwell time.

Plastijet XG will air dry in 5 to 15 minutes, dependent on substrate and ink deposit. When printing most rigid plastics, jet drying is essential to avoid the possibility of crazing.

WASH UP

Wash up on press with Xtend™ press washes and after the production run with Xtend™ ink degradents.

PRE-PRODUCTION TESTS

It is strongly 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 which, 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.

END-USER MUST DETERMINE SUITABILITY OF THIS PRODUCT FOR THE INTENDED USE PRIOR TO PRODUCTION.

COMPATIBILITY WITH OTHER INKS

Plastijet XG may be intermixed with Polyplast. This feature allows printers the ability to adjust gloss levels of the finished ink deposit. Do not intermix Plastijet XG with Polyplast for use on styrene as adhesion will decrease.

OUTDOOR USE

Accelerated weathering tests have been conducted on prints produced with Plastijet XG in the QUV. Under these conditions, Plastijet XG colors withstood 1000 hours of testing before significant color deterioration was evident.

Accelerated machine weathering test cannot be precisely related to actual outdoor performance, but it is considered that 1000 hours of exposure approximately equates to up to two years exposure in temperate climates.

COLOR AVAILABILITY

The Plastijet XG color range includes nine base Seritone Matching System (SMS) colors, five standard colors, formulas for nine Blended Standard Colors.

THE SERITONE MATCHING SYSTEM

The Seritone Matching System has been designed to enable printers to readily simulate PANTONE®* and most other colors in-house. The system consists of nine SMS base colors, each of which has been selected for its cleanliness of tone and suitability for intermixing. Using the SMS base colors plus Shading Black, White, and Mixing Clear, almost any color can be produced.

SPECIAL MATCHES

Special colors can be supplied against prints, wet ink, PANTONE®* numbers, or other Fujifilm standard colors. Formulas for the Blended Colors can be provided.

BLENDED COLORS

ITEM	DESCRIPTION
XGB-101	Primose Yellow
XGB-111	Lemon Yellow
XGB-123	Medium Yellow
XGB-155	Rubine Red
XGB-180	Warm Red
XGB-190	Process Blue
XGB-210	Ultra Blue
XGB-221	Emerald Green
XGB-233	Dark Green

STANDARD COLORS

ITEM	DESCRIPTION
XG-141	LL Fire Red
XG-205	Reflex Blue
XG-301	Opaque Black
XG-311	Opaque White
XG-SB	Shading Black
XG-MX/OP	Mix/Overprint Clear

SERITONE MATCHING SYSTEM COLORS

ITEM	DESCRIPTION
XG-064	SMS Yellow GS (Green Shade)
XG-066	SMS Yellow RS (Red Shade)
XG-114	SMS Orange
XG-121	SMS Red YS (Yellow Shade)
XG-127	SMS Violet
XG-164	SMS Red BS (Blue Shade)
XG-165	SMS Magenta
XG-230	SMS Blue
XG-325	SMS Green

THINNERS/RETARDERS

ITEM	DESCRIPTION
XG-RT	Retarder
XG-TH	Thinner

*Pantone, Inc's check-standard trademark for reproduction and color reproduction.

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 are clearly marked on all ink containers.

SAFETY AND HANDLING

Refer to MSDS for safety, handling, waste disposal and regulatory information. These products are formulated to meet CONEG Packing Legislation and ROHS Electrical and Electronic Equipment Directive. If necessary, certification of lead and heavy metals content can be obtained from an independent laboratory.



FUJIFILM group
Green Policy

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.

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.