

CORROPLAS

Fast Drying Gloss Ink for Corrugated Plastics

Features

- ▶ High Opacity
- ▶ Superior Printability
- ▶ Excellent Screen Stability and Self-Solvency
- ▶ Block Resistant
- ▶ Fast Drying

Substrate Application

Treated
Coroplast™ or
Other Corrugated
Plastics

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Thinning

Stir well before every use. Corroplas should be thinned 5% to 15% with CP-TH Thinner. For hot shop conditions or slow printing applications, use a 50/50 blend of CP-TH Thinner and CP-RT Retarder.

Mesh

Corroplas prints well through 160 to 305 (62 to 120/cm) monofilament polyester fabrics.

Stencils

Stencil materials must be solvent resistant. Dirasol 911, SuperCoat 915, and SuperCoat 916 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 Corroplas.

Drying

Corroplas will jet dry at 160°F to 180°F (70°C to 80°C) in 30 to 35 seconds. Overprints may require additional dwell time. Corroplas requires 15 to 20 minutes to air dry.

Coverage

Standard line colors should yield 1800 to 2400 square feet/gallon (45 to 57 m²/liter) when thinned 15% and printed through 305 (120/cm) monofilament polyester fabrics.

Wash Up

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

Pre-Production Test

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 after printing.

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

Adhesion

Corroplas demonstrates excellent adhesion to treated Coroplast™ and other corrugated plastic stocks with dyne levels of 38 to 40 dyne/cm² or higher.

Outdoor Use

The pigmentation of Corroplas will yield an expected outdoor life of up to one year. The actual life of the print may be lessened, however, by the durability of the corrugated plastic substrate.

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Color Availability

The Corroplas color range includes 11 standard printing colors.

Special Matches

Special colors can be supplied against prints, wet ink, or other Sericol standard colors.

Standard Colors

| | |
|--------|---------------|
| CP-110 | Lemon Yellow |
| CP-120 | Medium Yellow |
| CP-140 | Fire Red |
| CP-155 | Rubine Red |
| CP-180 | Warm Red |
| CP-190 | Process Blue |
| CP-205 | Reflex Blue |
| CP-210 | Ultra Blue |
| CP-220 | Emerald Green |
| CP-301 | Opaque Black |
| CP-311 | Opaque White |

Thinners/Retarders

| | |
|-------|----------|
| CP-TH | Thinner |
| CP-RT | Retarder |

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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, 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.

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