

30000 Series Fast-Dry Enamel Ink

Fast-drying synthetic enamel ink, air- or jet-dry

Ideal for treated polyethylene containers

Outstanding screenability

Excellent adhesion, mar- and scuff-resistant

Free of chromate, heavy metals and lead.

STOCK, END-USE: Treated polyethylene containers, paper, cardboard, fiberboard, hardboard, wood products, glass, metal signs.

DESCRIPTION: 30000 Series is an extremely fast drying synthetic enamel ink used primarily in screen printing treated polyethylene containers. 30000 Series inks also render excellent adhesion to paper, wood, metal, glass substrates with superb opacity. Its built-in catalyst accelerates curing and offers excellent resistance to most chemical products, soaps and detergents.

Note: Pre test on actual substrate before any full production run

FINISH: High-gloss, mar-resistant finish. Modify finish to semi-gloss with FA 084 Flattening Powder. Mix FA 084 with T-900 solvent to a pasty consistency. Add 1 to 6 ounces of this mixture to one gallon of ink.

COLORS: Available in high-opaque and transparent colors.

COVERAGE: Approximately 1,000 square feet (101 m²) per gallon through mesh count 250 (European 100T) monofilament polyester.

SCREEN FABRIC: Mesh counts 200-305 monofilament polyester.

STENCIL: Dual-cure direct method photo emulsion or SBQ presensitized photo emulsion or equivalent. Also, any solvent-resistant film or photo emulsion.

DRYING: Air-dry in 1 to 2 hours; Jet-dry in 1 to 2 minutes at 180° F (82°C).

MODIFICATION: To extend color and/or reduce pigmentation, add 30790 Clear Base. For printing fine lines or details, add 30800 Halftone Base. To mix 30000 Series with metallic powders for a metallic finish, use 30780 Metallic Base. To improve ink flow and eliminate fisheyes, add 1/2 to 1 % (by weight) FA 011 Flow Agent. For best printing results, reduce ink with 5-10% (by weight) T-900. In hot, humid work conditions, add 3-5% (by weight) T-910 Slow Thinner.

SPECIAL INSTRUCTIONS: Use sharp squeegee and minimal off contact for best results.

CLEAN UP: Use T-900 Washup CRS500 Biodegradable Washup.

PACKAGING: 1-quart (0.945 Liter), 1-gallon (3.78 Liter), containers.

SAFETY & HANDLING: Refer to Material Safety Data Sheet (MSDS) for complete information.

COLOR RANGE: All colors are formulated using nonleaded pigments, unless otherwise noted.

OPAQUE COLORS:

30150 Super White
30205 Primrose Yellow
30215 Lemon Yellow
30225 Medium Yellow
30275 Ultra Orange
30305 Holiday Green
30315 Emerald Green
30325 Deep Green
30415 Brilliant Blue
30425 Orbit Blue
30435 Regal Blue
30445 Deep Peacock Blue
30515 Fire Red
30525 American Red
30535 Satellite Red
30545 Deep Red
30555 Permanent Magenta
30565 Permanent Cerise
30660 Brown
30770 Black

TRANSPARENT COLORS:

30827 Process Yellow
30834 Monastral Green
30845 Permanent Blue-R
30846 Process Blue
30849 Permanent Violet
30853 Permanent Red-Y
30858 Permanent Red-B
30876 Permanent Rose Red
30886 Process Red

MODIFIERS:

30780 Clear Metallic Base
30790 Clear Extender Base
30800 Halftone Base
FA 011 Flow Agent
FP 084 Flattening Powder

SOLVENTS:

T-900 Fast Thinner & Washup
T-910 Slow Thinner
CRS500 Biodegradable Washup.

CRS INTERNATIONAL INC.
TEL: (718) 937-6400 / FAX: (718) 729-8978
www.CRSINTERNATIONAL.net