

32000 Series Enamel Ink (Exterior Purpose)

Colors match industry standard for reflective sheeting
Superior durability under outdoor exposure
Provides reliable adhesion and color permanence.
Brilliant transparent color selection

STOCK, END-USE: Reflective Pressure-sensitive stocks such as Fasson®, Metal Signage®, hardboard, wood, glass.

DESCRIPTION: 32000 series is a unique enamel ink developed especially for screen printing reflective and highway sign applications. It is formulated with a blend of extra durable resins and selected pigments for superior color permanence.

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

FINISH: High-gloss. finish. To modify finish to semi-gloss, Mix FP-084 flattening powder with T-910 or T-900 thinner to obtain paste consistency. Add FP-084 up to one pound to one gallon.

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: By solvent evaporation and oxidation. Air-dry in 2 to 3 hours. Heat drying is recommended for most applications. Force-dry in 20 minutes at 240° F(115 C°) (Stack pressure sensitive stock in small lifts).

MODIFICATION: For lighter color transparencies, add 32790 clear extender base. For printing fine details and halftones, add 32800 Halftone Base. For metallic finish, use 32780 Metallic Base. To improve ink flow, add 1/2% to 1 % (by weight) FA011 Flow Agent. For best printing results, reduce with T-910 or T-900. Add 5% (by weight) thinner to ink.

CLEAN UP: Use T-900 washup or CRS 500 Biodegradable washup.

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

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

OPAQUE COLORS:

32150 Super White
32205 Primrose Yellow
32215 Lemon Yellow
32225 Medium Yellow
32275 Ultra Orange
32305 Holiday Green
32315 Emerald Green
32325 Deep Green
32415 Brilliant Blue
32425 Orbit Blue
32435 Regal Blue
32445 Deep Peacock Blue
32515 Fire Red
32525 American Red
32535 Satellite Red
32545 Deep Red
32555 Permanent Magenta
32565 Permanent Cerise
32660 Brown
32770 Black

TRANSPARENT COLORS:

32827 Process Yellow
32834 Monastral Green
32845 Permanent Blue-R
32846 Process Blue
32849 Permanent Violet
32853 Permanent Red-Y
32858 Permanent Red-B
32876 Permanent Rose Red
32886 Process Red

MODIFIERS:

32780 Clear Metallic Base
32790 Clear Extender Base
32800 Halftone Base
FA 011 Flow Agent
FP 084 Flattening Powder

SOLVENTS:

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

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