

43000 Series Matte Vinyl Ink

Economical ink for most rigid and flexibly vinyl materials
Offers extended ink mileage per gallon
Mild odor formulation, produces a durable flat finish
Excellent opacity and low ink build-up
Free of chromate, heavy metals and lead

STOCK, END-USE: Vinly products; flexible vinyl binders.

DESCRIPTION: 43000 Series is a versatile, economical screen ink for printing on most flexible and rigid vinyls that require a matte finish. It offers excellent screenability and adhesion. Intermixable with 40000 Series to modify finish. Its fast jet-drying action accommodates high-speed printing operations.

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

FINISH: Dries to a matte-finish. For a semi-gloss finish, add up to 50% 40000 series gloss vinyl ink.

COLORS: Available in high-opaque 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 in 10 to 20 minutes. Jet-dry in 10 to 15 seconds at 100 to 150°F (38° to 65° C).

MODIFICATION: To extend color and/or reduce pigmentation, add 43790 Clear Base. For printing fine details, add 43800 Halftone Base. For mixing with metallic powders, use 40780 Metallic Base. For best printing results, add 5-15% (by weight) T-912 Fast Thinner or T-920 Slow Thinner. To prevent ink drying in the screen under hot, humid conditions, add 3-5% (by weight) T-934B Retarder.

CLEAN UP:
Use T-911 Vinyl Washup.
CRS500 Biodegradable Washup

PACKAGING: 1-quant (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:

43150 Super White
43205 Primrose Yellow
43215 Lemon Yellow
43225 Medium Yellow
43275 Ultra Orange
43305 Holiday Green
43315 Emerald Green
43325 Deep Green
43415 Brilliant Blue
43425 Orbit Blue
43435 Regal Blue
43445 Deep Peacock Blue
43515 Fire Red
43525 American Red
43535 Satellite Red
43545 Deep Red
43555 Permanent Magenta
43565 Permanent Cerise
43660 Brown
43770 Black

MODIFIERS:

43780 Metallic Base
43790 Clear Extender Base
43800 Halftone Base
43910 Flattening Paste

SOLVENTS:

T-911 Vinyl Washup
T-912 Fast Thinner
T-920 Slow Thinner
T-934B Retarder
CRS500 Biodegradable Washup.

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