

76000 Series Polyester Screen Ink

One ink for various screen printing applications
Multi-printing economy, reduces ink inventory
Mild-odor, formulated using non-lead pigments
Excellent adhesion, durable mar resistant for outdoor exposure
Free of chromate, heavy metals, and lead

STOCK, END-USE: Treated or untreated polyesters, Polycarbonate (LEXAN) Phenolic, Polyester coated metal, Melamine.

DESCRIPTION: 76000 Series inks are formulated for the ultimate economy and convenience in multiple printing such as P-O-P displays, signage, industrial applications and more. It provides superior adhesion to a wide range of substrates, from paper to hard-to-print plastics. 76000 Series offers consistent, high-quality ink performance, excellent print resolution, reliable print durability for indoor and outdoor exposure, good screenability, and mild odor quality for extra printing convenience.

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

FINISH: Gloss. For matte or satin finish, add 76899 Flat Extender Base.

COLORS: Available in opaque and transparent colors. All colors are formulated using non-lead pigments.

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

SCREEN FABRIC: Mesh counts 200-305 (80T-122T European) monofilament polyester for highest quality results.

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. Airdry in 20 to 40 minutes; Jet-dry in 10 to 15 seconds at 140° to 160° F (70° to 71 °C).

MODIFICATION: To extend color and/or reduce pigmentation, add 76790 Clear Base. For printing fine lines or details, add 76800 Halftone Base. To mix 76000 Series with metallic powders for a metallic finish, use 76780 Metallic Base. To improve ink flow and eliminate fisheyes, add 1 /2 to 1 % (by weight) FA011 Flow Agent. For best printing results, reduce ink with 5-10% (by weight) T-630. In hot, humid work conditions, add 3-5% (by weight) T-631 Slow Thinner.

CLEAN UP: Use CRS 500 Biodegradable Wash Up or T 637.

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

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

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

OPAQUE COLORS

76150 Super White
76205 Primrose Yellow
76215 Lemon Yellow
76225 Medium Yellow
76275 Ultra Orange
76305 Holiday Green
76315 Emerald Green
76325 Deep Green
76415 Brilliant Blue
76425 Orbit Blue
76435 Regal Blue
76445 Deep Peacock Blue
76515 Fire Red
76525 American Red
76535 Satellite Red
76545 Deep Red
76555 Permanent Magenta
76565 Permanent Cerise
76660 Brown
76770 Black

TRANSPARENT COLORS

76827 Process Yellow
76834 Monastral Green
76845 Permanent Blue-R
76846 Process Blue
76849 Permanent Violet
76853 Permanent Red-Y
76858 Permanent Red-B
76876 Permanent Rose Red
76886 Process Red

MODIFIERS:

76790 Clear Extender Base
76800 Halftone Base
76899 Flat Extender Base
FA 011 Flow Agent
Bond 992 Catalyst

SOLVENTS:

CRS T630 Slow Thinner
CRS T631 Retarder
CRS T637 Washup
CRS 500 Washup

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