

70000 Series Multipurpose Screen Ink

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

STOCK, END-USE: ABS, acrylic, butyrate, polycarbonate (Lexan®), coated polyester (Mylar®), polystyrene, vacuum formed plastics, pyroxylin, PVC, cardboard, corrugated fiberboard, wood, coated metal & paper.

DESCRIPTION: 70000 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. 70000 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 run.

FINISH: Gloss. For matte or satin finish, add 70899 Flat Extender Base.

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

COVERAGE: Approximately 1,000 square feet (101 m²) per gallon through mesh count 250 (European 100T) 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. Air dry in 10 to 20 minutes; Jet dry in 10 to 15 seconds at 140° to 160F (60° to 71° C).

MODIFICATION: To extend color and/or reduce pigmentation, add 70790 Clear Base. To increase ink body for sharper fine lines and details, add 70800 Halftone Base. For all applications, use T-929 as general thinner. For high speed, fully automated printing, especially on styrene stocks, reduce ink's viscosity with T-936 Fast Thinner. To prevent ink drying in the screen under hot, dry work conditions, add T-937 Retarder.

CLEAN UP: Use T-902 or T-925 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:
70150 Super White
70205 Primrose Yellow
70215 Lemon Yellow
70225 Medium Yellow
70275 Ultra Orange
70305 Holiday Green
70315 Emerald Green
70325 Deep Green
70415 Brilliant Blue
70425 Orbit Blue
70435 Regal Blue
70445 Deep Peacock Blue
70515 Fire Red
70525 American Red
70535 Satellite Red
70545 Deep Red
70555 Permanent Magenta
70565 Permanent Cerise
70660 Brown
70770 Black

TRANSPARENT COLORS
70827 Process Yellow
70834 Monastral Green
70845 Permanent Blue R
70846 Process Blue
70849 Permanent Violet
70853 Permanent Red Y
70858 Permanent Red B
70876 Permanent Rose Red
70886 Process Red

MODIFIERS:
70790 Clear Extender Base
70800 Halftone Base
70880 Overprint Clear
70899 Flat Extender Base

SOLVENTS:
T 902/T-925 Washup
T 929 General Thinner
T 936 Fast Thinner
T 937 Retarder
CRS500 Biodegradable Washup.

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