

60000 Series

Membrane & Plexiglass Screen Ink

Excellend adhesion to most plastic substrates
Ideal for use in electronic membrane applications
Non-blocking property
Fast jet-drying action handles high speed production
Free of chromate, heavy metals, and lead

STOCK, END-USE: ABS, acrylic, vinyls, polycarbonate (Lexan®), coated polyester (Mylar®), pressure sensitive decals. **Note: Not recommended for highly plasticized vinyls.**

DESCRIPTION: 60000 Series is formulated with a blend of flexible resins that adhere to most plastic substrates. It is popularly used in the highly specialized printing of electronic membranes and components. 60000 Series inks have excellent screenability and remarkable print quality. It can easily be modified for specific job requirements and assures long exterior durability.

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

FINISH: Gloss finish with high level of scuff-resistance.

COLORS: Available in high-opaque and permanent transparent colors. All transparent colors are formulated with 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.

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 about 30 minutes; jet-dries in 20 to 30 seconds at 135° to 180°F (57° to 82°C).

MODIFICATION: To extend color and/or reduce pigmentation, add 60790 Clear Base. For printing fine details and halftones, add 60800 Halftone Base. To mix with metallic powders, add 60780 clear Metallic Base. To improve ink flow, use 1/2 to 1 % (by weight) FA022 Flow Agent. (Do not exceed recommended amount.) For best printing results, thin with T-967B thinner adding 5 to 15% (by weight of ink). To prevent ink drying under hot, humid conditions, add 3 to 5% (by weight of ink) T-934B Retarder.

CLEAN UP:

Use T-902/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

60150 Super White
60205 Primrose Yellow
60215 Lemon Yellow
60225 Medium Yellow
60275 Ultra Orange
60305 Holiday Green
60315 Emerald Green
60325 Deep Green
60415 Brilliant Blue
60425 Orbit Blue
60435 Regal Blue
60445 Deep Peacock Blue
60515 Fire Red
60525 American Red
60535 Satellite Red
60545 Deep Red
60555 Permanent Magenta
60565 Permanent Cerise
60660 Brown
60770 Black

TRANSPARENT COLORS

60827 Process Yellow
60834 Monastral Green
60845 Permanent Blue-R
60846 Process Blue
60849 Permanent Violet
60853 Permanent Red-Y
60858 Permanent Red-B
60876 Permanent Rose Red
60886 Process Red

MODIFIERS:

60780 Clear Metallic Base
60790 Clear Extender Base
60800 Halftone Base
FA022 Flow Agent

SOLVENTS:

T-690 Spraying Thinner
T-902/T-925 Washup
T-934B Retarder
T-976B Thinner
CRS500 Biodegradable Washup.

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