

10000 Series Multi-vac Ink

Industry standard for styrene and other plastic applications
Excellent for vacuum forming
Mild-odor acrylic ink
Reliable adhesion to many plastics
Free of chromate, heavy metals and lead.

STOCK, END-USE: ABS, acrylic, butyrate, polystyrene, polycarbonate, vacuum formed plastics.

DESCRIPTION: 10000 Series Multivac acrylic screen ink is formulated for a wide variety of styrene and plastic printing applications. Ideal ink for vacuum forming post-printing operations on styrenes. 10000 Series has excellent print quality with high opacity.

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

FINISH: Scuff resistant, gloss finish.

COLORS: Available in opaque and transparent colors.

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

SCREEN FABRIC: Mesh counts 230-280 (92T -112T 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. airdry in approximately 30 minutes; Jetdry in 20 to 30 seconds at 135° to 180° F (57°C to 83°C).

MODIFICATION: To extend color and/or reduce pigmentation, add 10790 Clear Base. For printing fine details, add 10800 Halftone Base. To improve ink flow, add 1/2% -1% (by weight) FA 011 Flow Agent. To achieve a high gloss, protective coating and to improve water resistance, use 10810 Acrylic Overprint Clear. Compatible metallic base is 10780. For best printing results, 10000 Series should be reduced 5-10% (by weight) with T-970B. Use T-690 Spraying Thinner for spraying applications. To prevent ink drying under hot, humid conditions, add 5-10% (by weight) T-971B (use sparingly).

QUICK GUIDE FOR INK MODIFICATION

Modifier	Proportion
T-970B	5-15%
T-971 B	5-10%
FA 011	1/2 to 1

All mixing proportions are measured by weight.

CLEAN UP: Use T-902/T-925 washup. CRS500 Biodegradable Washup.

PACKAGING: 1-quart (0.945 Liter), 1gallon (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

10150 Super White
10205 Primrose Yellow
10215 Lemon Yellow
10225 Medium Yellow
10275 Ultra Orange
10305 Holiday Green
10315 Emerald Green
10325 Deep Green
10415 Brilliant Blue
10425 Orbit Blue
10435 Regal Blue
10445 Deep Peacock Blue
10515 Fire Red
10525 American Red
10535 Satellite Red
10545 Deep Red
10555 Permanent Magenta
10565 Permanent Cerise
10660 Brown
10770 Black

TRANSPARENT COLORS

10827 Process Yellow
10834 Monastral Green
10845 Permanent Blue-R
10846 Process Blue
10849 Permanent Violet
10853 Permanent Red-Y
10858 Permanent Red-B
10876 Permanent Rose Red
10886 Process Red

MODIFIER:

10780 Clear Metallic Base
10790 Clear Extender Base
10800 Halftone Base
10810 Acrylic Overprint Clear
FA 011 Flow Agent

SOLVENTS:

T-625 Wiping Thinner
T-690 Spraying Thinner
T-902/T-925 Washup
T-970B Fast Thinner
T-971B Slow Thinner
CRS500 Biodegradable Washup.



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