

KP Series Industrial Lacquer

Acknowledged as the Industry's #1 Industrial Lacquer

KP Lacquers combine beautiful screening characteristics with a versatile, high-performance formulation. Recommended for metal, glass and a wide range of plastics, KP lacquer displays a pleasing hard gloss finish and excellent screen stability. Force dries in under a minute. Now available in mixing colors.

White*	KP-2103
Hi-Cover White*	KP-2150
Black*	KP-2104
Lead Free Medium Yellow*	KP-2106LF
Lead free Primrose Yellow*	KP-2109LF
Lead Free Orange*	KP-2111LF
Ultra Blue*	KP-2113
Brilliant Perma Blue*	KP-2114
Perma Green*	KP-2115
Lead Free Medium Green*	KP-2118LF
Deep Red*	KP-2124
Navy Blue*	KP-2127
Light Brown*	KP-2129
Lead Free Emerald Green*	KP-2190LF
Light Blue*	KP-2191
Lead Free Lemon Yellow*	KP-2192LF
Lead Free Fire Red*	KP-2193LF
Lead Free Flag Red*	KP-2194LF
Dark Brown*	KP-2195
Maroon*	KP-2196

Mixing Colors

Process Yellow Lead Free *	KPMS-01LF
Mixing Orange*	KPMS-02
Rubine*	KPMS-03
Rhodamine*	KPMS-04
Purple*	KPMS-05
Reflex Blue*	KPMS-06
Cyan*	KPMS-07
Green*	KPMS-08
Mixing White*	KPMS-09
Mixing Black*	KPMS-10
Mixing Clear*	KPMS-11

SUBSTRATES:

Metal: Test ~~coated~~ metal prior to production. Use up to 5%

KP-2001 Metal etch thinner to improve adhesion.

Plastics: Especially acrylics (Plexiglas, Lucite), vinyl sheets, Scotchlite, topcoated polyester, polycarbonates, styrene. Top coatings affect adhesion. Avoid Polyethylene.

Glass: Recommended for first or second-surface printing (depending on application); can be used for second-surface graphics on glass prior to mirroring/silvering process.

Other Substrates: Coated paper, foam boards, wood and Scotchlite.

ALWAYS TEST INK WITH SUBSTRATE PRIOR TO PRODUCTION!

DRYING:

KP Lacquers dry through solvent evaporation. Fresh air volume is more a factor in dry time than temperature.

Force Dry: For high volume air dryer (3000 - 5000 cfm, equipped with air knives) at 100 - 120 F: 30- 60 seconds.

Air Dry: 15 - 45 minutes depending on air circulation and temperature.

STENCILS:

Direct method emulsions, capillary films.

SCREEN MESH:

160 to 300 Monofilament

SQUEEGEES:

All types, 60 to 80 durometer.

MODIFIERS:

Reducer: Use KP-2000 to achieve desired viscosity.

Retarder: Use KP-2020 Retarder to slow in-screen drying. Note: Excessive use of retarder may inhibit drying of the printed film.

Flow Promoter: Use CM-9775 at 0.2% by weight.

COVERAGE: Approximately 1200 Sq. Ft./Gallon

*Heavy Metal compliant.

Note: Information contained in Cudner & O'Connor printed matter is based on laboratory and field tests. Because we cannot control actual production conditions, no warranty is expressed or implied. Careful testing is always recommended prior to production. For additional information, please visit our website at www.candocinks.com

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Series Colors

Fluorescent Colors

*Color names are Trademarks of
DayGlo Color Corporation.*

Premeasured Mixing Kits:

Because the shelf life of fluorescent inks cannot be guaranteed, particularly in warmer weather, fluorescent colors in the KP Series are offered in two part kits. Clear (Part B) are pre-modified for easier blending. Pigments (Part A) are pre-measured. A small mixing unit is recommended.

Blaze Orange*	KP-2160
Aurora Pink*	KP-2161
Rocket Red*	KP-2162
Signal Green*	KP-2163
Arc Yellow*	KP-2164
Fire Orange*	KP-2165
Neon Red*	KP-2166
Corona Magenta*	KP-2167
Horizon Blue*	KP-2168
Saturn Yellow*	KP-2169

KP Transparent Colors

Transparent Yellow*	KP-2009
Transparent Toy Yellow*	KP-2023
Transparent Orange*	KP-2014
Transparent Yellow Red*	KP-2012
Transparent Blue Red*	KP-2024
Transparent Green*	KP-2025
Transparent Yellow Green*	KP-2026
Transparent Blue*	KP-2028
Transparent Gold*	KP-2035
Transparent Violet*	KP-2022

Metallic Colors

Brite Silver*	KP-2133
Pale Gold*	KP-2134
Rich Pale Gold*	KP-2135
Rich Gold*	KP-2136
Siilver*	KP-2137

Reducers/Modifiers/Clear

ThInner	KP-2000
Clear	KP-2002
Low Acid Mixing Clear	KP-2121
Screen Wash	KP-2010
Flow Promoter	CM-9775
Retarder	KP-2020
Flat Extender*	KP-2017
Metal-Etching Thinner	KP-2001

*Heavy Metal Compliant

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