

GLOSS ENAMEL INK

SUBSTRATES : PAPER, METAL, GLASS, WOOD, MASONITE, TREATED POLYPROPYLENE & POLYETHYLENE (P&P), PRESSURE SENSITIVE MATERIALS.

APPLICATION : OUTDOOR METAL SIGNS & DISPLAYS, LICENSE PLATES, NOVELTIES, PACKAGING CONTAINERS, REFLECTIVE SIGNAGE.

Product Information

A high gloss multi-purpose ink designed for long term outdoor application. Ideal for exterior traffic signs, POP/displays, treated (P&P) containers.

Application Information

Thinning : May be used straight from the can but it is recommended to thin 5% by weight with GLE-1800 Thinner. When more than 5% thinning is required, it is recommended to use GLE-1900 Thinning Varnish to maintain optimum gloss. For maximum lightfastness or outdoor durability, little or no thinning is recommended.

Additives : GLE-1700 Clear should only be used to increase transparency of colors. However, this will reduce the durability and lightfastness of the color. Use a small amount of GLE-1730 Process Clear ink to improve print quality, if required. To prevent ink skinning in can, spray a light mist of GLE-1950 Anti-Skinning Agent on the surface of ink in partially used cans. Repeat whenever ink can is opened for reuse.

Wash-Up : GLE-1800 Thinner
GLE-1840 Wash-Up

Coverage : Approximately 1300 sq.ft./1 U.S. Gallon using a 230/in. monofilament fabric.

Fabric/Stencil : 158 to 280 monofilament fabric. All stencil systems are suitable.

Drying : By oxidation in approximately 1 ½ to 4 hours for over printing or overnight before final stacking. Best rack-drying results are obtained when an ambient temperature is more than 20 °C (68 °F). Prints may be forced dried 15-20 min. in an oven with temperature not exceeding 120 °C (250 °F). Baking at temperatures higher than recommended may cause loss of gloss. To speed drying time under adverse humid or cold weather conditions, add approximately 40-50 grams of GLE-1880 Accelerator to a gallon of ink.

Die Cutting/Creasing : Can be successfully die cut or creased but should be tested prior to production .

Packaging : Inks : 1 U.S. Qt / 0.94 Lt.
1 U.S. Gal. / 3.78 Lt.
Solvents : 1 U.S. Gal. / 3.78 Lt.
5 U.S. Gal. / 19.00 Lt.

CAUTION :

1. It is the printer's responsibility to pre-test the ink selected prior to engaging in a production run .
2. Refer to Material Safety Data Sheet for heavy metal content.

* Based on information received from our suppliers, these colors may contain the deliberate addition of heavy metals.

* Heavy metal free colors are available on request.

GLE - 0000 SERIES

Standard Colors

| | |
|------------|--------------------|
| * GLE-1010 | Red #032 |
| * GLE-1020 | Fire Red |
| GLE-1030 | Brilliant Red |
| * GLE-1040 | Bright Red |
| * GLE-1050 | Permanent Red |
| * GLE-1060 | Red #185 |
| GLE-1080 | Maroon |
| GLE-1110 | Black |
| GLE-1120 | White |
| * GLE-1140 | Brown |
| * GLE-1220 | Orange |
| * GLE-1240 | Vermilion |
| * GLE-1250 | Warm Red |
| * GLE-1300 | Primrose Yellow |
| * GLE-1320 | Lemon Yellow |
| * GLE-1340 | Medium Yellow |
| GLE-1350 | Overprint Clear |
| GLE-1370 | Extender Base |
| * GLE-1420 | Emerald Green |
| * GLE-1450 | Forest Green |
| * GLE-1480 | Dark Green |
| GLE-1520 | Opaque Reflex Blue |
| GLE-1540 | Peacock Blue |
| GLE-1560 | Brilliant Blue |
| GLE-1570 | Royal Blue |
| GLE-1580 | Dark Blue |
| GLE-1620 | Purple |
| GLE-1640 | Cerise |
| GLE-1660 | Magenta |
| GLE-1700 | Clear |
| GLE-2150 | Yellow C |
| GLE-2200 | Rubine Red C |
| * GLE-2250 | Orange 021 C |
| GLE-2300 | Rhodamine Red C |
| * GLE-2350 | Red 485 C |
| GLE-2400 | Purple C |
| GLE-2450 | Blue 072 C |
| GLE-2500 | Violet C |
| GLE-2600 | Reflex Blue C |
| GLE-2700 | Process Blue C |
| GLE-2800 | Opaque Green C |
| GLE-2850 | Green C |

Transparent Colors

| | |
|----------|------------------------|
| GLE-1090 | Transparent Red |
| GLE-1290 | Trans. Medium Yellow |
| GLE-1390 | Trans. Primrose Yellow |
| GLE-1490 | Transparent Green |
| GLE-1590 | Transparent Blue |
| GLE-1690 | Transparent Cerise |
| GLE-1790 | Transparent Orange |
| GLE-1990 | Transparent Purple |

Process Colors

| | |
|----------|-----------------|
| GLE-1130 | Process Black |
| GLE-1330 | Process Yellow |
| GLE-1530 | Process Blue |
| GLE-1630 | Process Magenta |
| GLE-1730 | Process Clear |

Thinners and Additives

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|----------|---------------------|
| GLE-1800 | Thinner |
| GLE-1880 | Accelerator |
| GLE-1900 | Thinning Varnish |
| GLE-1950 | Anti-Skinning Agent |

* Fluorescent colors available upon request.