

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. The following price pages also list these same colors with a lead-free content

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

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

* Fluorescent colors available upon request.



GLOSS ENAMEL INK

STANDARD COLOURS

CODE NO .	DESCRIPTION	0.94 L	3.78 L
GLE-1010	RED #032	73.82	201.59
GLE-1010NL	RED #032 (Lead Free)	88.59	241.91
GLE-1020	FIRE RED	57.92	159.29
GLE-1020NL	FIRE RED (Lead Free)	69.50	191.14
GLE-1030	BRILLIANT RED	74.84	203.94
GLE-1040	BRIGHT RED	57.92	159.29
GLE-1040NL	BRIGHT RED (Lead Free)	66.62	183.18
GLE-1050	PERMANENT RED	67.15	182.79
GLE-1050NL	PERMANENT RED (Lead Free)	80.58	219.35
GLE-1060	RED # 185	73.82	201.59
GLE-1060NL	RED # 185 (Lead Free)	88.59	241.91
GLE-1080	MAROON	93.30	254.70
GLE-1110	BLACK	42.54	115.59
GLE-1120	WHITE	51.77	140.50
GLE-1140	BROWN	56.40	144.73
GLE-1140NL	BROWN (Lead Free)	67.68	173.68
GLE-1220	ORANGE	60.49	165.86
GLE-1220NL	ORANGE (Lead Free)	72.58	199.04
GLE-1240	VERMILION	60.49	166.81
GLE-1240NL	VERMILLION (Lead Free)	72.58	200.18
GLE-1250	WARM RED	73.82	201.59
GLE-1250NL	WARM RED (Lead Free)	88.59	241.91
GLE-1300	PRIMROSE YELLOW	60.49	166.81
GLE-1300NL	PRIMROSE YELLOW (Lead Free)	72.58	200.18
GLE-1320	LEMON YELLOW	60.49	166.81
GLE-1320NL	LEMON YELLOW (Lead Free)	72.58	200.18
GLE-1340	MEDIUM YELLOW	60.49	166.81
GLE-1340NL	MEDIUM YELLOW (Lead Free)	72.58	200.18
GLE-1350	OVERPRINT CLEAR	46.65	127.82
GLE-1370	EXTENDER	40.50	119.36
GLE-1420	EMERALD GREEN	48.69	140.50
GLE-1420NL	EMERALD GREEN (Lead Free)	58.44	168.61
GLE-1450	FOREST GREEN	57.92	159.29
GLE-1450NL	FOREST GREEN (Lead Free)	69.50	191.14
GLE-1480	DARK GREEN	55.36	148.96
GLE-1480NL	DARK GREEN (Lead Free)	66.43	178.76
GLE-1520	OPAQUE REFLEX BLUE	73.82	201.59
GLE-1540	PEACOCK BLUE	48.69	133.92
GLE-1560	BRILLIANT BLUE	51.77	140.50
GLE-1570	ROYAL BLUE	65.61	178.57
GLE-1580	DARK BLUE	65.61	178.57
GLE-1620	PURPLE	58.44	161.65
GLE-1640	CERISE	69.72	188.90
GLE-1660	MAGENTA	78.42	211.92
GLE-1700	CLEAR	46.65	127.82

GLE-2150	YELLOW C	78.95	216.17
GLE-2200	RUBINE RED C	95.86	262.67
GLE-2250NL	ORANGE 021C (Lead Free)	97.17	266.16
GLE-2250	ORANGE 021 C	80.99	221.81
GLE-2300	RHODAMINE RED C	89.70	246.24
GLE-2350	RED 485 C	85.61	234.96
GLE-2350NL	RED 485 C (Lead Free)	102.73	281.94
GLE-2400	PURPLE C	82.03	225.56
GLE-2450	BLUE 072 C	69.72	191.72
GLE-2500	VIOLET C	71.76	197.36
GLE-2600	REFLEX BLUE C	72.80	199.25
GLE-2700	PROCESS BLUE C	61.51	169.17
GLE-2800	OPAQUE GREEN C	63.05	172.93
GLE-2850	GREEN C	64.59	177.62

PROCESS COLOURS

0.94L 3.78L

GLE-1130	PROCESS BLACK	42.54	115.59
GLE-1330	PROCESS YELLOW	77.40	208.17
GLE-1530	PROCESS BLUE	43.57	117.00
GLE-1630	PROCESS MAGENTA	71.76	193.60
GLE-1730	PROCESS CLEAR	46.65	127.82

TRANSPARENT COLOURS

0.94L 3.78L

GLE-1090	TRANSPARENT RED	97.39	267.37
GLE-1290	TRANSPARENT MED. YELLOW	74.84	203.94
GLE-1390	TRANSPARENT PRIM. YELLOW	77.40	210.53
GLE-1490	TRANSPARENT GREEN	65.61	178.57
GLE-1590	TRANSPARENT BLUE	57.92	159.29
GLE-1690	TRANSPARENT CERISE	79.45	218.04
GLE-1790	TRANSPARENT ORANGE	83.55	227.43
GLE-1990	TRANSPARENT PURPLE	65.61	178.57

FLUORESCENT COLOURS

0.94 L 3.78 L

GLE-0900	FLUORESCENT MAGENTA	82.04	225.60
GLE-0910	FLUORESCENT ORANGE/RED	82.04	225.60
GLE-0920	FLUORESCENT GREEN	82.04	225.60
GLE-0930	FLUORESCENT CERISE	82.04	225.60
GLE-0940	FLUORESCENT CHARTREUSE	82.04	225.60
GLE-0950	FLUORESCENT RED	82.04	225.60
GLE-0960	FLUORESCENT ORANGE/YELLOW	82.04	225.60
GLE-0970	FLUORESCENT PINK	82.04	225.60
GLE-0980	FLUORESCENT ORANGE	82.04	225.60
GLE-0990	FLUORESCENT BLUE	82.04	225.60

THINNER AND WASH UP

3.78L 19L

GLE-1800	THINNER	29.14	106.20
ITC - 1840	INKTECH #60 WASH UP (16KG)	N/A	136.59