



GENERAL PURPOSE INK

SUBSTRATES : PAPER AND CARD, WOOD, POLYSTYRENE, VINYL(PVC), ABS, ACRYLICS, TOP COATED POLYESTER, TYVEK ®.

APPLICATION : P.O.P. / DISPLAY , SIGNS , DECALS

Product Information

A long-term multi-purpose outdoor ink designed to print on a wide range of substrates. GP Series ink eliminates the need for carrying a large inventory of different types of ink. Ideal for P.O.P. and general display applications where a semi-gloss finish, scuff resistant surface, is required.

Application Information

Thinning : May be used straight from the can but it is recommended to thin 5 - 15% by weight with GP-1800 Thinner. Substitute GP-1800 Thinner with GP-1820 Slow Thinner to improve screen stability. For maximum lightfastness or outdoor durability, little or no thinning is recommended.

Additives : GP-1700 Clear should only be used to increase transparency of colors. However, this will reduce the durability and lightfastness of the color. To improve scuff resistance add up to 10% GP-1860 Anti-Scuff Agent. Use GP-1350 Overprint Clear to increase scuff resistance or to provide a uniform gloss level to a GP-0000 ink film. Add 5% to 10% of DC-393 Gel Retarder to thinned ink to maintain screen stability. If required, use a small amount of GP-1730 Process Clear to improve print quality.

Wash-Up : GP-1800 Thinner
ITC-1840 Wash-Up

Coverage : Approximately 2100 sq.ft./1 U.S. Gallon using a 280/in. monofilament fabric.

Fabric/Stencil : 200 to 355 monofilament fabric . Direct and indirect photostencil or water soluble hand cut stencils are suitable.

Drying : By solvent evaporation . GP-0000 Series dries in 15 to 30 minutes at normal room temperature or can be jet dried 20 to 45 seconds at 150 °F. to 200 °F. Allow more time between prints for multiple color jobs.

Die Cutting/Creasing/Vacuum Forming : Can be successfully die-cut or creased but should be tested prior to production . GP-0000 series has excellent vacuum forming characteristics. Gloss levels may increase during vacuum forming depending on temperature and substrate used.

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.

GP - 0000 SERIES

Standard Colors

* GP-1010	Red #032
* GP-1020	Fire Red
GP-1030	Brilliant Red
* GP-1040	Bright Red
* GP-1050	Permanent Red
* GP-1060	Red #185 GP-1080
	Maroon GP-1110
	Black GP-1120
	White
* GP-1140	Brown
* GP-1220	Orange
* GP-1240	Vermilion
* GP-1250	Warm Red
* GP-1300	Primrose Yellow
* GP-1320	Lemon Yellow
* GP-1340	Medium Yellow
GP-1350	Overprint Clear
* GP-1420	Emerald Green
* GP-1450	Forest Green
* GP-1480	Dark Green GP-1520
	Opaque Reflex Blue
	Peacock Blue
GP-1540	Brilliant Blue
GP-1560	Royal Blue GP-1580
GP-1570	Dark Blue GP-1620

	Purple
GP-1640	Cerise
GP-1660	Magenta
GP-1700	Clear
GP-2110	Extra Opaque Black
GP-2120	Extra Opaque White
GP-2150	Yellow C GP-2200
	Rubine Red C
* GP-2250	Orange 021 C
GP-2300	Rhodamine Red C
* GP-2350	Red 485 C GP-2400

	Purple C GP-2450
	Blue 072 C GP-2500
	Violet C GP-2600
	Reflex Blue C
GP-2700	Process Blue C
GP-2800	Opaque Green C
GP-2850	Green C

Transparent Colors

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

Process Colors

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

Fluorescent Colors

GP-0900	Fluorescent Magenta
GP-0910	Fluorescent Orange\Red
GP-0920	Fluorescent Green
GP-0940	Fluorescent Chartreuse
GP-0950	Fluorescent Red
GP-0960	Fluorescent Orange \Yellow
GP-0970	Fluorescent Cerise
GP-0980	Fluorescent Orange
GP-0990	Fluorescent Blue

Thinners and Additives

GP-1800	Thinner
GP-1810	Fast Thinner
GP-1820	Slow Thinner
GP-1830	Extra Slow Thinner
DC-393	Gel Retarder



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STANDARD COLOURS				
CODE NO .	DESCRIPTION	0.94 L(Qt.)	3.78 L (Gal)	
GP-1010	RED #032	98.50	263.80	
GP-1010NL	RED #032 (Lead Free)	113.25	303.35	
GP-1020	FIRE RED	95.45	258.15	
GP-1020NL	FIRE RED (Lead Free)	109.75	296.90	
GP-1030	BRILLIANT RED	112.35	304.70	
GP-1040	BRIGHT RED	90.75	247.50	
GP-1040NL	BRIGHT RED #032 (Lead Free)	107.95	297.00	
GP-1050	PERMANENT RED	101.60	279.30	
GP-1050NL	PERMANENT RED (Lead Free)	116.75	321.20	
GP-1060	RED # 185	98.50	270.10	
GP-1060NL	RED 185 (Lead Free)	113.25	310.60	
GP-1080	MAROON	164.55	449.30	
GP-1110	BLACK	66.95	182.00	
GP-1120	WHITE	79.20	214.40	
GP-1140	BROWN	79.20	214.40	
GP-1140NL	BROWN (Lead Free)	91.15	246.60	
GP-1220	ORANGE	82.30	223.65	
GP-1220NL	ORANGE (Lead Free)	94.60	257.15	
GP-1240	VERMILION	84.65	237.70	
GP-1240NL	VERMILLION (Lead Free)	97.35	273.35	
GP-1250	WARM RED	112.35	279.30	
GP-1250NL	WARM RED (Lead Free)	129.25	321.20	
GP-1300	PRIMROSE YELLOW	82.30	223.65	
GP-1300NL	PRIMROSE YELLOW (Lead Free)	94.60	257.15	
GP-1320	LEMON YELLOW`	74.80	203.30	
GP-1320NL	LEMON YELLOW (Lead Free)	86.00	233.75	
GP-1340	MEDIUM YELLOW	82.30	223.65	
GP-1340NL	MEDIUM YELLOW (Lead Free)	94.60	257.15	
GP-1350	OVERPRINT CLEAR	70.00	189.75	
GP-1420	EMERALD GREEN	82.30	225.00	
GP-1420NL	EMERALD GREEN (Lead Free)	84.60	258.80	
GP-1450	FOREST GREEN	78.50	211.60	
GP-1450NL	FOREST GREEN (Lead Free)	90.20	243.30	
GP-1480	DARK GREEN	77.65	209.50	
GP-1480NL	DARK GREEN (Lead Free)	89.40	240.90	
GP-1520	OPAQUE REFLEX BLUE	98.50	263.80	
GP-1540	PEACOCK BLUE	74.65	204.50	
GP-1560	BRILLIANT BLUE	93.05	251.10	
GP-1570	ROYAL BLUE	103.05	281.40	
GP-1580	DARK BLUE	101.60	279.30	
GP-1620	PURPLE	95.45	254.60	

GP-1640	CERISE	0.94 L (Qt.)	3.78 L (Gal)	
GP-1660	MAGENTA	117.70	320.20	
GP-1700	CLEAR	117.70	320.20	
GP-2110	EX-OPAQUE BLACK	67.70	186.25	
GP-2120	EX-OPAQUE WHITE	74.65	205.90	
GP-2150	YELLOW C	82.30	223.65	
GP-2200	RUBINE RED C	113.85	307.50	
GP-2250	ORANGE 021 C	133.85	354.05	
GP-2250NL	ORANGE 021C <i>(Lead Free)</i>	130.00	355.50	
GP-2300	RHODAMINE RED C	149.55	408.80	
GP-2350	RED 485 C	140.05	384.35	
GP-2350NL	RED #485C <i>(Lead Free)</i>	107.70	296.25	
GP-2400	PURPLE C	123.70	340.65	
GP-2450	BLUE 072 C	116.15	316.65	
GP-2500	VIOLET C	107.70	290.55	
GP-2600	REFLEX BLUE C	101.60	279.30	
GP-2700	PROCESS BLUE C	95.45	261.65	
GP-2800	OPAQUE GREEN C	71.50	194.00	
GP-2850	GREEN C	82.30	222.15	
		83.10	228.55	
PROCESS COLOURS		0.94 L(Qt.)	3.78 L (Gal)	
GP-1130	PROCESS BLACK	75.40	204.50	
GP-1330	PROCESS YELLOW	101.60	281.20	
GP-1530	PROCESS BLUE	79.20	213.70	
GP-1630	PROCESS MAGENTA	112.35	304.70	
GP-1730	PROCESS CLEAR	75.40	205.20	
TRANSPARENT COLOURS		0.94 L(Qt.)	3.78 L (Gal)	
GP-1090	TRANSPARENT RED	135.40	372.45	
GP-1290	TRANSPARENT MED. YELLOW	105.40	289.20	
GP-1390	TRANSPARENT PRIM. YELLOW	113.15	302.50	
GP-1490	TRANSPARENT GREEN	93.05	254.60	
GP-1590	TRANSPARENT BLUE	76.20	207.35	
GP-1690	TRANSPARENT CERISE	113.15	307.50	
GP-1790	TRANSPARENT ORANGE	135.40	372.45	
GP-1990	TRANSPARENT PURPLE	115.45	316.65	
FLUORESCENT COLOURS		0.94 L(Qt.)	3.78 L (Gal)	
GP-0900	FLUORESCENT MAGENTA	121.40	333.80	
GP-0910	FLUORESCENT ORANGE/RED	121.40	333.80	
GP-0920	FLUORESCENT GREEN	121.40	333.80	
GP-0930	FLUORESCENT CERISE	121.40	333.80	
GP-0940	FLUORESCENT CHARTREUSE	121.40	333.80	
GP-0950	FLUORESCENT RED	121.40	333.80	
GP-0960	FLUORESCENT ORANGE/YELLOW	121.40	333.80	
GP-0970	FLUORESCENT PINK	121.40	333.80	
GP-0980	FLUORESCENT ORANGE	121.40	333.80	
GP-0990	FLUORESCENT BLUE	121.40	333.80	
ADDITIVE		0.94 L(Qt.)	3.78 L (Gal)	
GP-1720	FLATTENING ADDITIVE	80.30	223.25	
GP-1860	ANTI-SCUFF	148.25	394.75	
DC-393	GEL RETARDER	56.45	150.50	
THINNER AND WASH UP		3.78 L (Gal)	18.9 L 5(Gal)	
GP-1800	THINNER	80.05	330.00	
GP-1810	FAST THINNER	76.85	307.35	
GP-1820	SLOW THINNER	67.95	307.35	
GP-1830	EXTRA SLOW THINNER	89.00	368.90	
ITC-1840	INKTECH # 60 WASH UP (16KG)	N/A	235.15	