

# INKTECH INTERNATIONAL CORP.

# GENERAL PURPOSE INK GP-0000 SERIES

**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-0000 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 gloss finish, scuff resistant surface are 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 colours . However, this will reduce the durability and lightfastness of the colour. 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. Use a small amount of GP-1730 Process Clear to improve print quality if required.

**Wash-Up :** GP-1800 Thinner  
GP-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 colour 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.  
5 U.S. Gal. / 19.00 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 colours may contain the deliberate addition of heavy metals. Heavy metal free colours are available on request .

## Colour Range

### Standard Colours

* 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
GP-1540	Peacock Blue
GP-1560	Brilliant Blue
GP-1570	Royal Blue
GP-1580	Dark Blue
GP-1620	Purple
GP-1640	Cerise
GP-1660	Magenta
GP-1700	Clear
GP-1930	Chalkboard Black
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

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## Transparent Colours

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 Colours

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

## Fluorescent Colours

GP-0900	Fluorescent Magenta
GP-0910	Fluorescent Orange/Red
GP-0920	Fluorescent Green
GP-0930	Fluorescent Cerise
GP-0940	Fluorescent Chartreuse
GP-0950	Fluorescent Red
GP-0960	Fluor. Orange/Yellow
GP-0970	Fluorescent Pink
GP-0980	Fluorescent Orange
GP-0990	Fluorescent Blue

\*\* Outdoor exposure should be restricted as these colours are not permanent .

## Additives

GP-1720	Flattening Additive
GP-1860	Anti-Scuff
DC-393	Gel Retarder

## Thinners and Wash up

GP-1800	Thinner
GP-1810	Fast Thinner
GP-1820	Slow Thinner
GP-1830	Ex-Slow Thinner
GP-1840	Wash Up