



**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
- 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-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