TECHNICAL INFORMATION

High Lighter Fluorescent Inks (For Retractable High Lighter)

1. General Information:

All High Lighter inks are suitable for Retractable High Lighter Markers and can be used in direct fill retractable Highter Markers. Pen manufacturer should evaluate these inks with polyester reservoir and nibs. These inks are Non-Dry water base inks. These inks are distinguished by especially well balanced properties. This assortment satisfies nearly all customer requests due to a high degree of reliability and experience.

Cap off time **one year**

2. Physical data and special properties:

Ink Description	Item #	Color	Viscosity CPS at 25° C	Specific Gravity at 25° C Grams/CC	pH at 25° C	Surface Tension at 25° C Dynes/cm
High Lighter Ink # 24024C	NA	Yellow	8.7 - 10.2	1.0970 ± 0.02	8.9 - 9.5	45.0 Minimum
High Lighter Ink # 24040A	NA	Pink	7.7 - 9.7	1.0870 ± 0.02	3.0 - 4.5	45.0 Minimum
High Lighter Ink # 24094	NA	Orange	7.0 - 10.2	1.0800 ± 0.02	3.0 - 4.5	45.0 Minimum
High Lighter Ink # 24092A	NA	Green	8.7 - 10.2	1.0970 ± 0.02	8.9 - 9.5	45.0 Minimum

Fluorescent High Lighter Inks- Pigmented (Emulsion System)

For Capped markers regular and free ink system: **Longer Cap off time 5 - 10 days** Minimum

Ink Description Experimental	Item #	Color	Viscosity CPS at 25° C	Specific Gravity at 25° C Grams/CC	pH at 25° C	Surface Tension at 25° C Dynes/cm
High Lighter Ink # 38065	NA	Yellow	7.0 ± 1.0	1.1000 ± 0.01	6.5 ± 1.0	40.0 Minimum
High Lighter Ink # 38066	NA	Orange	7.0 ± 1.0	1.1000 ± 0.01	6.5 ± 1.0	40.0 Minimum
High Lighter Ink # 38067	NA	Pink	7.0 ± 1.0	1.1000 ± 0.01	6.5 ± 1.0	40.0 Minimum
High Lighter Ink # 38068	NA	Green	7.0 ± 1.0	1.1000 ± 0.01	6.5 ± 1.0	40.0 Minimum
High Lighter Ink # 38069	NA	Blue	7.0 ± 1.0	1.1000 ± 0.01	6.5 ± 1.0	40.0 Minimum
High Lighter Ink # 38070	NA	Purple	7.0 ± 1.0	1.1000 ± 0.01	6.5 ± 1.0	40.0 Minimum

This ink is designed for regular high lighter markers with cap competatible with polyester and Porex nibs.

All Inks are ASTM D-4236 and EN 71 Panel approved. The finished High Lighter and Fine tip markers need separate ASTM D-4236 approval.

The information given herein is based on our current knowledge and experience. In view of the many factors that may affect processing and application. These claims do not relieve processors from the responsibility of carrying out their own tests and experiments. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.