



Technical Data

High Quality Ball Pen Inks

1. General Information:

All ball pen inks are suitable for plastic and metal refills. Jumbo refills require grease follower.

Our ball pen inks generally have a minimum shelf life of two years in refills made of suitable materials, provided that the refills are not exposed to extremely unfavorable climate conditions.

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.

2. Physical data and special properties:

Ink Description	Color	Trade Mark For Special Customers	Ink Quality	Status	Viscosity @ 25° C CPS	Surface Tension @ 25° C Dynes/CM	pH @ 25° C
Ball Pen Ink # 3-144B	Black	Cutom Ink	Deluxe	S / C	11,000 ± 1,500	>37	6.5 ± 1.0
Ball Pen Ink # 13194-01	Blue	Cutom Ink	Deluxe	S / C	11,000 ± 1,500	>37	6.5 ± 1.0
Ball Pen Ink # 13145 (35058B)	Black	Cutom Ink	Deluxe	S / C	8,000 ± 1,500	>37	6.5 ± 1.0
Ball Pen Ink # 13134B	Blue	Cutom Ink	Deluxe	S / C	9,500 ± 1,500	>37	6.5 ± 1.0
Ball Pen Black Ink # 13145 (PD) (Ra)	Black	Jet 3 Black	Deluxe	S / C	7,000 ± 1,500	>37	6.5 ± 1.0
Ball Pen Blue Ink # 35050-A	Blue	Jet-3 Blue	Deluxe	S / C	9,500 ± 1,500	>37	8.5 ± 1.0
Ball Pen Red Ink # 35098A	Red	Jet-3 Red	Deluxe	S / C	9,000 ± 1,500	>37	6.5 ± 1.0
Ball Pen Red Ink # 35141A (LF)	Red	Jet-3 Red	Deluxe	S / C	7,000 ± 1,500	>37	6.5 ± 1.0
Ball Pen Green Ink 40013	Green	Jet-3 Green	Deluxe	E	5,500 ± 1,500	>37	7.0 ± 1.0
Ball Pen Ink # 30147-02	Violet-Blue		Standard	S / C	9,000 ± 1,500	>37	8.5 ± 1.0

Universal Inks

Universal Ball Pen Black U2 (Ref# 35013)	Black		Deluxe	S / C	8,000 ± 1,000	>37	6.5 ± 1.0
Universal Ball Pen Blue U2 (Ref #35014)	Blue		Deluxe	S / C	8,000 ± 1,000	>37	6.5 ± 1.0
Universal Ball Pen Blue U2(Ref #35135A)	Blue	Same35014	Deluxe	E	5,000 ± 1,000	>37	7.5 ± 1.0
Universal Ball Pen Blue (Ref #35135B)	Blue	New Shade	Deluxe	E	5,000 ± 1,000	>37	7.5 ± 1.0

S / C : = Custom ink in Production

New= New Improved Experimental inks

E = Experimental

LF : Excellent light fastness

All Inks are ASTM D-4236 and EN 71 Panel approved. The finished ball pen needs separate ASTM D-4236 approval.

New Technology: Universal BP inks are the best writing inks suitable for 0.5, 0.6, 0.7, 0.8, 1.0, 1.2 & 1.6 mm tips, these inks write very smooth, with out gooping & static seepage with excellent shelf life

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.

