



Main features

- Long writing length: 2 to 3 kilometers
- Oil based ink: excellent writing quality
- No leaking and good clear drain
- Hexagon-shaped barrel, easy to handle
- Estimated shelf life: 3 years for blue & black, 2 years for green & red
- Complies with technical requirements of ISO 12757-1&2 (General & documentary use)

Process & Controls

- More than 50 years of experience in mass production
- Full in-house manufacturing: ball, point, ink, barrel and cap
- Unique point manufacturing process: cold forming, no scratchy
- Assembling and injection process

Laboratory controls

- Start up, writing quality, smoothness, laydown
- Mileage, ageing, dry time, wearing, seepage, back leak, clear drain, clogging resistance, line width

Production controls

- Ball, point, pieces presence control on 100 % of products
- 4 controls a day for ink: viscosity, pH, humidity rate, writing quality
- Controls per statistical pick up: dimension, roughness, aspect, resistance

Product Safety

- Ink assessed by an external toxicologist (ASTM D-4236)
- Heavy metal content tested by an external laboratory (EN71-3, ASTM F 963, CPSCIA-section 101, REACH - Annex XVII - part n°23)
- Cap compliant with safety cap standard (ISO 11540 / BS 7272-1)
- End-plug compliant with safety end-plug standard (BS 7272-2)

Ball Pen in 4 colours with medium point

Cartridge
0.38 gr of ink



Polypropylene tube

Oil based ink

Permanent and water resistant
Quick drying (< 2seconds)
Smooth writing

Clear Barrel

to see ink supply

Medium point
1 mm diameter

Line width: 0.4 mm



PP point support

Direct connection
between point and ink

Tungsten carbide ball

Perfect sphere
Very resistant



Plug
resistant holding

Polystyrene barrel
Robust and light



Hole in barrel
Equalizes the pressure
inside the pen with
the one outside
To allow writing
To prevent ink leakage

Hexagonal barrel
Comfortable handling
8.3 mm diameter
14.7 cm of length

Ventilated cap
to minimizes asphyxiation
hazard for children



Environment

- French official ecolabel NF Environment (NF400): awarded to products that have a reduced effect environment while offering an equivalent performance
- Light & long lasting (< 3grs/per writing km)
- Refillable
- PVC free product
- Packaging compliant with packaging & packaging waste European directive: 94/62/EC (on volume/weight reduction and on dangerous substances restriction)
- Manufactured in an ISO 14001 factory (Environment management system)



Social Audit

- BIC Group Code of Conduct based on ILO conventions
- Made in BIC factory: self assessment process with corrective action plan
- Auditing process with corrective action plan by an independent company



Country of origin

- Made in France