



## 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