# BIC® Marking™ PRO

## Product main features

Permanent marker designed for the most demanding needs. Ultra-fade and water resistant. Holds up to the most demanding hot and cold environments with strong durable nib and metal barrel. Marker comes with either a bullet tip ø 3.86mm, or chisel tip ø 5.1mm. Ink is ester based to help provide: good opaqueness, vibrant colors, quick-dry capability. Ideal for office or industrial needs as well as domestic use: Marks boldly on most surfaces, good for transparent surfaces, labelling, organizing, mark durable in -30C–150C exposure.

**Aluminum Barrel**
Air tight seal

**Polyester Filler**
3.55g of Ink

**Polyacetal Nib Holder**
Comfort grip area

**Chisel Acrylic nib**
Diameter: 6.0 mm
Line width: 1.3 x 5.0mm




**Polyacetal Caps**
Air tight seal
Audible Snap
Ventilated cap
Anti roll design

**Ester based dye ink**
Vivid color
Quick Dry
Opaque

**Conical Acrylic nib**
Diameter: 3.9 mm
Line width: 1.0mm

## Process and Controls

- Automatic assembly and barrel decoration
- Automatic injection molding process
- Incoming inspection on raw materials: filler, nib, barrels.
- Internal components: ink, cap, nib holder, ink, seal.
- Products audited prior to shipment
- 76 visual and functional aspects tested prior to release.

### Laboratory controls

- Ink and nib: physico-chemical measures
- Mileage, laydown and recovery, cap off time, drop test, oven leakage, permanency resistance, weight loss, ink system robustness
- Mechanical force testing of component fits
- Age tests at 23°C, 48°C, & 55°C; evaporation test at 23°C & 48°C

### Production controls

- Statistical control on automated machine to monitor quality of process
- Dimensional control on molded components checked at standard intervals
- Writing tests, component removal forces, resistance test as well as visual inspections verified for quality
- All products checked automatically for ink, tip, and core component presence.
- AQL standards used in approval of all components

## Norms and regulations compliance

### Product

- Formula assessed by an external toxicologist (ASTM D - 4236)
- Heavy Metals content tested (EN 71-3 : 1995, 16 CFR 1303, REACH no. 1907/2006/EC Annex XVII – entry n°23 and entry n°63)
- Cap compliant with safety cap standard (ISO 11540 /BS 7272-1)

### Packaging

- Packaging complies with European directive (94/62/EC) relating to packaging and packaging waste
- Local packaging Eco-packaging: the volume, weight and materials used are optimized

## Environment and social responsibility

### Environment

- Xylene and toluene-free
- Designed for good mileage

### Social responsibility

- Made in China
- BIC Group Code of Conduct based on ILO conventions
- Third party-audits conducted on supplier's process with corrective action plans for any non-conformance

## Logistics Data

### Marker

- Length: 150 mm
- Diameter: 20 mm
- Weight 15.3 g

### Packaging

- Box of 12, Black, Blue
- Blister of 1 Black.