



# Marking 2000

## Product main features

Marker with bullet tip  $\varnothing$  4.95 mm, alcohol-based permanent ink, low-odor and quick-dry, xylene and toluene-free, for office and domestic use. Ideal for: note-taking, labelling, organizing or passing on information. Writes on most surfaces: CD/DVD, paper, cardboard, plastic, metal. Provides long writing length: over 1 km\*\*. Does not dry out, even if left uncapped up to one month. Made from 51%\* recycled material except for the ink system. Made in France.

### Polypropylene End Plug

Airtight seal

### Polypropylene Barrel

Airtight seal

Made from 51%\* recycled material

ECOLUTIONS®



### Conical Acrylic nib

Diameter: 6.0 mm

Line width: 1.7 mm



### Alcohol-based dye ink

Vivid colour



### Polyester Filler

5.3 g of Ink



### Polypropylene Caps

Airtight seal

Audible Snap

Ventilated cap

## Manufacturing process and controls

- Automatic assembly and barrel decoration
- Automatic injection molding process
- Incoming inspection on raw materials
- Internal components: filler, nib, ink caps, barrel, end plug holders
- Products audited prior to shipment
- 81 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 plastic components
- AQL standards used in approval of all components

## Compliance with standards and regulations

### Product

- Ink assessed by an external toxicologist (ASTM D-4236)
- Heavy Metal content tested by an external laboratory (EN71-3: 1995, 16 CFR 1303)
- Cap compliant with safety cap standard (ISO 11540 / BS 7272-1)
- End plug complies with safety standard (BS7272-2)
- Complies with REACH / EC 1707/2006

### 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

- ISO14001 certified factory
- ISO 9001 certified factory
- Made from 51%\* recycled material except for the ink system
- Xylene and toluene-free
- Cardboard, eco-design packaging made from 80% recycled material

### Social responsibility

- Made in France
- BIC Group Code of Conduct based on ILO conventions
- Self-audits conducted with corrective action plan for non-conformance



## Logistics data

### Product

- Length: 138 mm
- Diameter: 21 mm
- Weight 20 g

### Packaging

- Blister of 1
- Blister of 4
- Cardboard wallet of 4
- Box of 12