



# Marking<sup>®</sup> Highlighter Flex

## Product main features

The BIC Marking Highlighter Flex offers an innovative brush tip that allows you to control the width of your highlights. Provides smooth, easy highlighting or underlining for small, medium, and large text. Won't dry out for up to 24 hours. The rubber grip adds extra comfort and control throughout Flex's 3 year shelf life.

### Polypropylene Barrel

Screen printed  
1.5 cm diameter  
13.7 cm length

### Polyester Filler

1.8 g of ink



### TPE Grip



Comfort  
Good writing control

### Polyethylene Sintered Nib



Diameter: 3.7 mm  
Line width: 1.0 x 4.0 mm



**End Plug**  
Press fit with  
retention rings

### Water Based Dye Ink

Very bright colors that won't bleed  
through paper 1.80 g of ink



### Polypropylene Cap

Welded lip  
Audible snap to verify seal

### Polyethylene Vapor Seal

To ensure air tight seal



## Process and Controls

### Full automatic assembly

- Automatic injection molding process.
- Incoming inspection on raw materials and sourced components.
- Internal components – Ink, cap, barrel, grip, end plug, vapor seal, clip.
- Products audited prior to shipment.
- Over 50 visual and functional aspects tested prior to release.

### Laboratory controls

- Ink, nib physico-chemical measures.
- Mileage, cap off time, drop test, oven leakage, washability on fabrics, fade resistance, behavior on different writing inks, smear resistance.
- 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 for: Ink weight, clip position.
- Vacuum testing for leakage.
- Write tests and visual inspections.
- Ink, cap, end plug, barrel, vapor seal, nib are checked for presence during assembly.
- AQL standards used in approval of all components.

## Norms and regulations compliance

### Product

- Ink assessed by an external toxicologist (ASTM D-4236)
- Heavy Metal content tested by an external laboratory (EN71-3: 1995, A1:2000/AC 2002, 16 CFR 1303, REACH – ANNEX XVII-entry n°23 and entry n°63)
- Cap compliant with safety cap standard (ISO 11540 / BS 7272-1)
- End plug compliant with safety end-plug standard (BS7272-2)

## Environment and social responsibility

### Environment

- Free PVC product
- Packaging compliant with packaging & packaging waste European directives: 94/62/EC TBC

### Social responsibility

- Made in the USA
- BIC Group Code of Conduct based on ILO conventions
- Self assessment process with corrective action plan.



## Logistics Data

### Marker

- Length 139.0 mm
- Diameter: 16.5 mm
- Weight: 10.6 g