



4 Colours®

3+1^{HB}

3 cartouches classiques + 1 cartouche porte-mines

Descriptif du produit

Stylo 4 Colours® rétractable, deux fonctions : stylo-bille et porte-mines. Fonction stylo-bille : 3 cartouches d'encre classique (noir, bleu, rouge), pointe Ø1 mm pour une largeur moyenne de trait de 0.32 mm, grande longueur d'écriture. Fonction porte-mines : contient 2 mines de 0.7 mm. Rechargeable.

Cartouches fabriquées par BIC



Mines porte-mines fabriquées par BIC



Encre classique fabriquée par BIC :

- Grand confort d'écriture sur la durée.
- Séchage instantané.
- Conforme à l'utilisation documentaire.

Couleurs d'encre : ● ● ● ●

Système pointe-bille fabriqué par BIC



Procédé unique de fabrication, haute précision, ultra performant, pour un débit d'encre régulier.

Bille en carbure de tungstène



- Bille parfaitement sphérique et indéformable, haute résistance à l'usure.
- Assure la qualité et la précision d'écriture.
- Ø1 mm pour une largeur de trait moyenne de 0.32 mm.
- 100% des billes sont contrôlées.

Embout gomme + protecteur

Système d'actuation

Ultra performant.

Les poussoirs ne se bloquent pas.

Chaque poussoir est actionnable jusqu'à 50 000 fois.

Partie supérieure en polyacétal

Grande résistance.

Agrafe

Pour être toujours à portée de main.

Se fixe facilement à un support (cahier, chemise...).

Anneau connecteur en MABS

Pour joindre les deux parties et guider les cartouches.

Corps rond en MABS

Résistant aux chocs.

Processus de fabrication et contrôles

Plus de 70 contrôles qualité sont effectuées durant la fabrication du stylo BIC® 4 Colours®, des composants au produit fini.

Conformité aux normes et réglementations

Produit

- ISO 12757-1 stylo à bille (1998) - Utilisation générale
- ISO 12757-2 stylo à bille (1998) - Utilisation documentaire
- REACH / EC 1907/2006

Emballage

- Emballage conforme à la Directive Européenne des emballages et déchets d'emballages : 94/62/EC

Environnement et responsabilité sociale

Environnement

- Performance :
 - . Longue durée d'utilisation (cartouches d'encre)
 - . Rechargeable (stylo, porte-mines)
- Et en + :
 - . Sans PVC

Responsabilité sociale

- Audits sociaux réalisés

Données logistiques

Stylo

- Longueur : 152.7 mm
- Diamètre : 14 mm
- Poids : 15 g

Packaging

- Boîte x 12
- Blister x 1



MARKING

METALLIC PERMANENT MARKER

Product main features

The BIC Marking Metallic Permanent Marker offers a vivid array of inspirational metallic colors. The acid free ink marks on light and dark porous surfaces leaving bold, long lasting color. The rubber grip adds extra comfort and control throughout the product's 18 month shelf life.

Polypropylene Barrel

Screen printed
1.54 cm diameter
13.67 cm length

Polyester Filler

1.5 g of ink



TPE Grip



Comfort
Good writing control

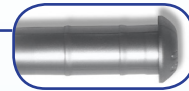
Blocked nib

Excellent resistance to push back

Medium bullet polyester point



Line width: 0.8 x 1.8 mm
Shaped for fine lines



End Plug

Press fit with retention rings

Low Odor Alcohol Ink

Acid free
Vivid colors
Water resistant



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, filler, and nib physico-chemical measures.
- Mileage, cap off time, drop test, oven leakage, dry abrasion, water resistance, solvents resistance, lightfastness, ink drying time on supports.
- 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, molded part dimensions.
- 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

Environment and social responsibility

Environment

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

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: 138.9 mm
- Diameter: 16.2 mm
- Weight: 10.4 g



HB #2 Graphite Pencil in black with a shock resistant lead

Product main features

HB #2 Graphite Pencil, hexagonal shape, 6.9 mm on flats, shock-resistant 2.3 mm lead, 175 mm of length, surrounded by protective sheath, black wood-free resin with silver varnish, manufactured from 55%* recycled material, accredited with NF Environment Ecolabel, made in France.

Long hexagonal body

- 175 mm
- Does not roll off the table

Wood free pencil

- Made from 55%* recycled material
- Made of synthetic resin
- Unique and patented manufacturing process



Drop resistant

- Does not splinter on breaking
- Resistant to chewing (no detachable parts such as varnish or splinters)



Black synthetic resin

Easy to sharpen

- A continuous shaving/chip when sharpened

Shock-resistant lead

- Lead surrounded by protective sheath.



HB # 2 Graphite lead

- 2.3 mm lead diameter
- Excellent erasability



Manufacturing Process and controls

Entirely made in the BIC factory of Samer (62, France) with a unique and patented extrusion process. 31 quality controls performed all along the manufacturing process (from raw material to finished product).

Compliance with standards and regulations

Product:

- Conforms to ASTM D-4236
- Heavy metal content tested by an external laboratory (EN71-3:1995, 16 CFR 1303, REACH – Annex XVII – entry n°23 and entry n°63)
- Conforms to REACH/EC no. 1907/2006
- Complies with applicable phthalate regulations

Packaging:

- Packaging compliant with packaging & packaging waste European directive (94/62/EC)
- Eco designed packaging: volume, weight and optimized usage of material

Environment and social responsibility

Environment:

- ISO 14001 certified factory
- ISO 9001 certified factory
- Manufactured with 55%* recycled material
- PVC free product
- NF Environment certification (NF environment is the official French ecological certification. It is awarded to products that have a reduced effect on the environment while offering an equivalent performance)



Social responsibility:

- Made in France
- BIC Group code of conduct based on ILO (international Labour Organisation) convention



Logistics data

Product:

- Length: 175 mm
- Width: 6.9 mm on flats
- Weight: 5 g



4 Colours™



4 Colours™ Shine

Product main features

BIC® 4 Colours™ Shine ball pen is a retractable ball pen containing four (4) classic ink cartridges. The 1.0 mm cartridges produce 0.4 mm line widths and offer long mileage to the consumer. Barrels are coated in six (6) different metallic colors. 4 Colours™ Shine pen is assembled at a BIC facility in France.

Ball Pen cartridges made by BIC



Classic ink made by BIC:
- Smooth writing
- 24 month shelf life

Ink Colors: ● ● ● ●

Ball Pen point made by BIC

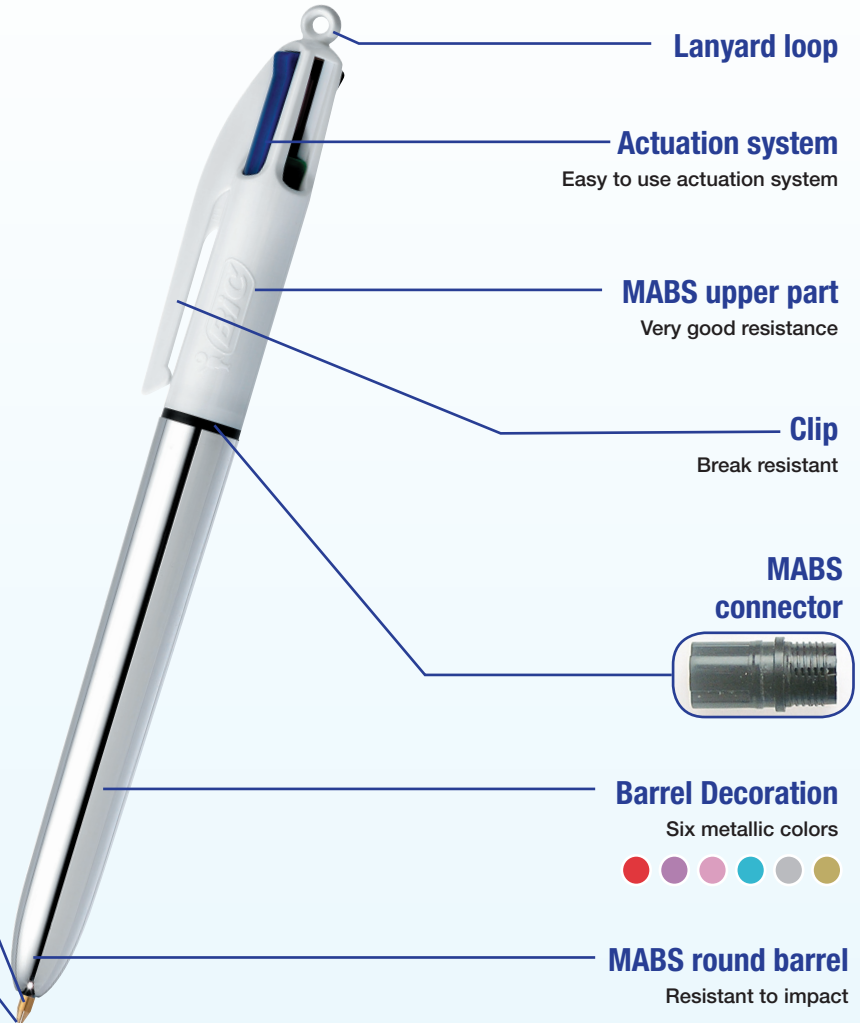


State-of-the-art and highly precise manufacturing process for a regular ink flow

Tungsten carbide ball



- Perfectly spherical and resistant ball
- 100% of the balls are controlled
- Ensures quality and writing precision
- Ø 1.0 mm for average line width of 0.4 mm



Lanyard loop

Actuation system

Easy to use actuation system

MABS upper part

Very good resistance

Clip

Break resistant

MABS connector



Barrel Decoration

Six metallic colors



MABS round barrel

Resistant to impact

Process and Controls

Numerous quality controls are performed throughout BIC® 4 Colours™ Shine pen production process, from components to the finished product.

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)

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

- PVC free product
- Refillable⁽¹⁾

Social responsibility

- Made in France
- BIC Group Code of Conduct based on ILO conventions
- Self assessment process with corrective action plan
- Products audited prior to shipment



Logistics Data

Pen

- Length: 145.0 mm
- Diameter: 16.0 mm
- Weight: 11.6 g

Packaging

- Blister of 1
- Box of 12

(1) Pen is designed to be refillable. Refills available in select regions.

HB #2 Refillable Mechanical Pencil with 2 mm lead and an incorporated sharpener

Product description

HB #2 refillable mechanical pencil with 2 mm lead, which is 115 mm long, an incorporated lead sharpener and eraser on the pusher, ideal for technical drawing

Incorporated sharpener and eraser



Metal clip

- High resistance

Hexagonal barrel

Lead sharpener

Eraser

Eraser holder

Lead tube

Guide

Nose cone with chuck and spring



Ideal for technical drawing



No slip ridges on barrel for better grip

HB #2 2 mm lead

- 115 mm long
- Complies with ISO 9177-2 standard
- Ultra solid lead



Available in black and white barrel



Manufacturing Process and controls

Assembled in Japan. 100% of products are checked by hand. In process controls (visual for plastic parts, actuation for finished products).

Compliance with standards and regulations

Product:

- Complies with ISO 9177-2 standard for Mechanical Pencil lead classification and dimension
- Heavy Metal content tested by an external laboratory. EN71-3:1995, 16 CFR 1303, REACH – Annex XVII – entry n°23 and entry n°63
- Conforms to REACH / EC No. 1907/2006
- Complies with applicable phthalate regulations

Packaging:

- Packaging compliant with packaging & packaging waste European directive (94/62/EC)

Environment and social responsibility

Environment:

- ISO 9001 certified factory
- PVC free product
- Latex free eraser
- Refillable product

Social responsibility:

- BIC Group Code of Conduct based on ILO (International Labour Organization) conventions

Logistics data

Product:

- Length: 142 mm
- Diameter: 8.3 mm (without clip)
- Weight: 12 g