Marking® ONYX® 1591/1592

Product main features

- Permanent marker with excellent permanency on most surfaces.
- Very durable product with metal body for tough environments.
- Specially designed nib for demanding industrial and home uses.
- Ink resistant to extreme temperatures -30°C up to +150°C.
- Ink dries in seconds on most surfaces.

Aluminum Metal Barrel

Durable material
18.7 mm diameter
124.0 mm length



Polyacetal cap

Provides air tight seal
Fits easily on rear of barrel while in use.

Alcohol based dye inks

Intense color
Excellent Permanency
6.5g of ink 1591
7.8g of ink 1592

Polyester Filler





Bullet Acrylic Nib

Crimped to prevent retracting
Diameter : 6.5 mm
Line width : 1.5 mm

Chisel Polyester Nib

Crimped to prevent retracting
Size : 3.5 x 5.5 mm
Line width : 2.7-6.2 mm

Process and Controls

- In-house manufacturing of ink, product.
- Full automatic assembly.
- Automatic injection molding process.
- Incoming inspection on raw materials and sourced components.
- Internal components - Ink, cap.
- Products audited prior to shipment.
- Over 64 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.
- Mechanical force testing of component fits.
- Age tests at 23 & 50°C, evaporation test at 23 & 48°C.

Production controls

- Statistical control on automated machine to monitor quality of process.
- Write tests and visual inspections.
- Ink, nib, filler 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, 91/338/EEC)
- Cap compliant with safety cap standard (ISO 11540 / BS 7272-1)
- No xylene and no toluene

Environment and social responsability

Environment

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

Social responsability

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

Logistics Data

Marker

- Length: 135.7 mm
- Diameter: 18.7 mm
- Weight: 1591 – 24.2 g
  1592 – 23.7 g