

BST DETECTA-MARK PERMANENT

METAL DETECTABLE PERMANENT MARKER

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Product Specifications

ST1M1000MB | Revised Nov 2014



Product Name: Detecta-Mark Permanent Marker

Product Description: The body & cap of our Detecta-Mark Permanent Marker are moulded from high-density polyethylene, containing a non-toxic metal detectable additive. This compound can be detected by correctly calibrated in-line metal detection systems.

The Detecta-Mark Permanent Marker features Sureflow ink, meaning the pen will continue to write for several days, even if the cap is left off. This alcohol-based ink will permanently mark most surfaces, including wood, plastic, glass concrete and clean or printed metals.

Product Code: ST1M1000MB

Product Dimensions: 134mm x 18mmØ

Pack Size: Pack of 10

Pack Weight: 0.200 Kg

Product Colour: Blue

Ink Colours: Black, Blue, Red, Green

Product Materials: Marker body & cap manufactured from metal detectable high-density polyethylene, bullet style medium thickness nib manufactured from polyester.

Product Advantages:

- ✓ Detectable by conventional metal detection systems
- ✓ Highly visible bright blue body colour for easy visual identification
- ✓ Permanently marks most surfaces including wood, plastic, glass, concrete and metal
- ✓ Displays "All Due Diligence" in the prevention of foreign body contamination
- ✓ Sureflow ink means the pen will continue to write for several days with the cap left off



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Handling / Storage: Store at normal room temperature, keep away from direct heat and keep in original container.

Ink Properties:

<u>Property</u>	<u>Value</u>
Hazard Identification:	With normal use, no known hazards
Stability / Reactivity:	Product is stable
Eco Toxicity:	Harmful to aquatic organisms and to the aquatic environment in general.
Regulatory Information:	R11: Highly Flammable. R22 Harmful if swallowed. R52/53: Harmful to aquatic organisms, may cause long-term effects in the aquatic environment. S25: Avoid contact with eyes. S:26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ink Safety:

Ink contact with skin is not considered hazardous when coming into contact with skin through normal use. In the event of abnormal use causing health problems please refer to the below information:

<u>Route</u>	<u>First Aid</u>
Oral:	Give plenty of water to drink if ingestion is suspected
Skin Contact:	Wash skin with soap and water
Eye Contact:	Irrigate with water for ten minutes - obtain medical attention
Inhalation:	Remove from exposure - in severe cases obtain medical attention



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Material Information / Food Contact Status

The base material for this product is Lyondell Basell [*Hostalen GC 7260 LS*] HDPE (High Density Polyethylene), which is an FDA approved food contact material, as well as compliant with EU 1935/2004/EC. This polyethylene base resin contains an evenly dispersed metal detectable pigment (AISI 302 Stainless Steel) which is also generally considered safe and suitable for food contact applications.

Metal Detectability

The body and cap of the Detecta-Mark Permanent Marker are manufactured from metal detectable high-density polyethylene. This compound contains an evenly dispersed non-toxic metal detectable additive, making the material detectable by correctly calibrated metal detection systems.

The material of this Marker is intended to be detected by metal detection systems. Detectability performance will vary based on, but not limited to the following factors:

- Detector Calibration Levels
- Food Product Type (E.g. Wet, Dry, Frozen, Liquid)
- Aperture Dimensions
- Contaminant Orientation

For this reason BST recommend that all our products be thoroughly tested on your metal detection systems by a trained and certified professional. It may be the case that your equipment needs to be recalibrated in order to reliably detect this product and its fragments. Such a professional should be available by contacting the manufacturer of your metal detection system.

DISCLAIMER

The information provided in this product specification sheet is based on our experience and knowledge to date and we believe it to be true and reliable. This information is intended as a guide for your use of our products, the use of which is entirely at your own discretion and risk. We, BS Teasdale & Son Ltd, cannot guarantee favourable results and assume no liability in connection with the use of our products.

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