



JUMBO PALLET MARKER

BOLD MARKS, BUILT TO LAST



Product Description:

Designed for the demands of food manufacturing and industrial environments, the Metal Detectable Jumbo Pallet Marker offers bold, highly visible, and permanent markings on a variety of surfaces, including paper, wood, plastic, glass, concrete, and both clean and printed metals.

Its durable aluminum body ensures long-lasting performance, while the metal-detectable LLDPE cap supports strict foreign body contamination controls. The oversized broad polyester nib delivers thick, consistent lines, making it an ideal solution for marking pallets, equipment, and other materials in high-visibility applications.

Advantages

- Body and cap can be detected by conventional metal detection systems
- Oversize broad nib for the clear marking of pallets and large objects
- Twist action retractable nib mechanism
- Contains sure flow ink - will continue to flow for several days even with the cap left off
- Permanently marks paper, wood, plastic, glass, concrete and metal
- Displays due diligence in the prevention of foreign body contamination

Housing Material
Aluminium

Cap Material
LLDPE

Pack Quantity
10

Pack Weight
1.21 lbs.

Body Colors Available
■ Silver

Ink Colors Available
■ Black

Ink Properties
Alcohol Based
Permanent Ink

Nib Size
1 Inch

Commodity Code
9608200

Item Number
D1017SB



TESTING RESULTS

FDA Food Contact Status

Our Detectable Polypropylene Co-Polymer complies with FDA regulations for food contact applications as outlined in 21 CFR 177.1520 (a)(3)(i), (b), and (c)(3.1a). It is approved for use with all food types under conditions of use C through H (21 CFR 176.170(c), Table 2), excluding cooking applications.

Additionally, all mineral additives and pigments used are either GRAS (Generally Recognized As Safe) or FDA-approved under specific regulations.

EU Food Contact Status

The Detectable Polypropylene Co-Polymer in various colours is manufactured in line with the relevant requirements of 2023/2006/EC on good manufacturing practice (GMP) for materials and articles intended to come into contact with food.

The raw materials used in the manufacturing process of the above mentioned materials (XDETECT 2.0 in various colours) can be considered suitable for food contact applications in terms of compliance with European regulations. The raw materials used meet the relevant requirements of EU Framework Regulation 1935/2004 on materials and articles intended to come into contact with food.

X-Ray Visibility

X-ray visibility depends on material density, so our Detectable Polypropylene includes a food-safe, high-density additive for improved detection. Testing shows consistent positive readings for whole pens and fragments as small as 5mm, though detection may be reduced when fragments are buried in denser products. Performance varies by product type and density, so we recommend professional testing and potential recalibration of x-ray inspection systems to ensure reliable detection.

Metal Detectability

Our Detectable Polypropylene Co-Polymer is an electromagnetically detectable and x-ray visible plastic, with a stainless steel ink cartridge. Metal detectability varies based on factors such as calibration levels, product type, aperture dimensions, and orientation, with the “orientation effect” influencing detection sensitivity. Our testing used a worst-case scenario approach, equating pen components to ferrous ball test piece equivalents for calibration ease. As metal detector sensitivity varies, BSC recommends professional testing and potential recalibration of detection systems to ensure reliable performance. UKAS-accredited test pieces are available for purchase.

Additional Details

✓ Kosher ✓ Halal