



DETECTABLE DRY ERASE MARKER

DETECTABLE INK FOR RELIABLE MARKING



Advantages

- Detectable by in-line metal detection systems and x-ray inspection systems
- Wipes clean from whiteboards and other glossy surfaces
- Sureflow ink ensures the pen continues to write for several days with the cap left off
- Compliant with EU and FDA food contact legislation, including mandatory EU migration test standards
- Can be used as part of HACCP and BRC procedures
- Displays due diligence in the prevention of foreign body contamination

Product Description:

The body and cap of our Detectable Dry Erase Markers are molded from high-density polyethylene with a non-toxic, metal-detectable additive. This compound is detectable by properly calibrated in-line metal and x-ray detection systems. The Detectable Dry Erase features Sureflow ink, allowing the pen to write for several days, even if the cap is left off. This ink is ideal for use on whiteboards and other glossy surfaces that can be easily wiped clean with a cloth or tissue.

Housing Material
HDPE

Pack Quantity
10

Pack Weight
7.05 oz.

Nib Material
Polyester

Nib Style
Bullet Tip

Body Colors Available
■ Blue

Ink Colors Available

■ Blue ■ Black
■ Red ■ Green

Write Out Length
Bullet Tip - 2,300 FT

Ink Specs
EN 71-3:2013 + A1:2014
EN71-9:2005+A1:2007
EU / US / CA TRA
ASTM D-4236 TRA

Commodity Code
39269097

Item Number
D1001



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