

BST Measuring Jugs | BU4JU31LM*



BST Metal Detectable Measuring Jugs

This fully metal detectable jug is designed to address concerns of plastic fragments causing accidental foreign body product contamination in food processing environments. The jug is manufactured using food grade durable HDPE plastic, with

interlaced AISI 302 grade stainless steel fibres to give the jug its metal detectable properties. Metal detectable plastic products are designed to prevent plastics contaminating food and their use displays due diligence in preventing foreign body contamination.

Metal Detectable Measuring Jug Advantages

- ✓ Detectable by in-line metal detection systems
- ✓ Hygienic single mould construction, eliminating bacteria traps & improving hygiene
- ✓ Two bright colours to choose from for easy visual identification
- ✓ Food grade material suitable for food contact applications
- ✓ Highly durable, lightweight for optimum performance and lifespan
- ✓ Reduced risk of damage to floor surfaces and machinery
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination

Product and Packaging Information

Product Code	BU4JU31LM*	Capacity	1 Litre
Colours	B,R	Material	HDPE
Pack Size	1	Detectability	Metal Detectable
Weight	0.15kg	Commodity Code	39269097

Safety Certificates / Approvals

FDA Approved	BRC Compliant	Made In Britain
EU Compliant	ISO 9001:2015	



Food Contact Status

The base material for this product is ExxonMobil™ HDPE HMA 018, which is designed primarily for use in food contact applications, specifically food packaging containers. This 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. This material is in compliance with EC regulations and fully meet the requirements of EC directives and FDA requirements.

Metal Detectability

These jugs are manufactured from detectable high density polyethylene which contain evenly dispersed non-toxic metal detectable (stainless steel) additives, making the material detectable by correctly calibrated metal detection systems and x-ray inspection systems. Metal detectability performance will vary based on, but not limited to the following factors:

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

Orientation is a highly influential factor for the metal detectability of a contaminant that is non spherical, i.e. it will be easier to detect the contaminant when passing in one orientation compared to another - this is known as the orientation effect.

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 re-calibrated in order to reliably detect this product. Such a professional should be available by contacting the manufacturer of your metal detection system.

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. © 2020 BS Teasdale & Son Ltd. All Content, Data & Images are owned by BS Teasdale & Son Ltd and are protected by international copyright law.