

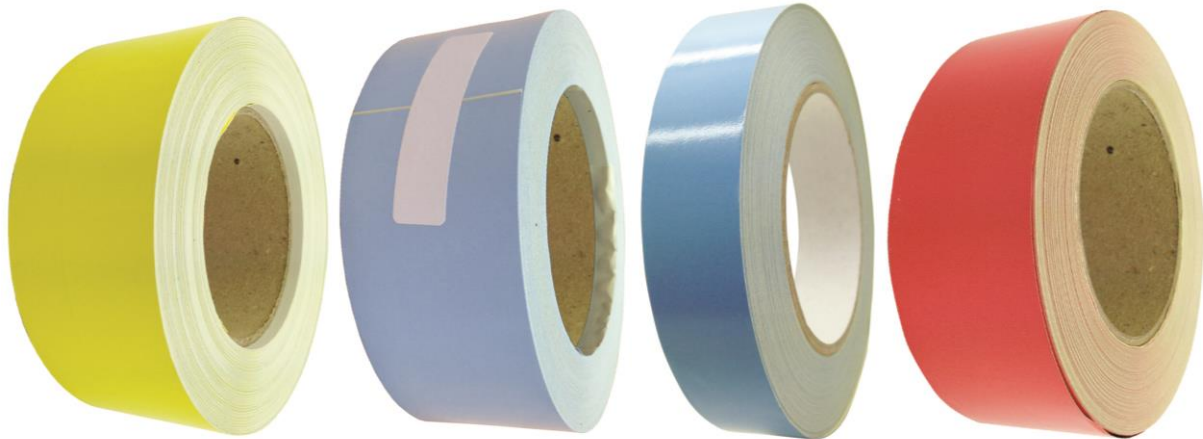
BST METAL DETECTABLE TAPE

FEATURING AN ALUMINIUM CORE & PERMANENT ADHESIVE

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Product Specifications

PR1DAT | Revised January 2015



Product Description: BST Metal Detectable Self Adhesive Tape is a paper / foil laminate construction coated with a hot melt adhesive. The construction is a 60gsm machine glazed wood free paper laminated to a 7µ aluminium foil, which provides the metal detectability of the tape.

The adhesive is a high coat weight rubber based hot melt designed to give superior initial tack on moist, rough or difficult surfaces. The components of the adhesive comply with FDA regulation 175.105 on indirect food contact. The glassine liner is designed for use on automatic applicators if required.

This metal detectable tape is suitable for a variety of food processing applications such as labelling (E.g. Quality Control), securing items where regular tapes are not allowed, packaging products where regular packaging tapes represent a foreign body risk, light engineering applications and also asset management such as labelling machinery or tools. By using metal detectable tape you are displaying due diligence in the prevention of foreign body contamination.

Product Materials: Paper, laminate, adhesive, aluminium foil, glassine liner

Product Prefix: PR1DAT

Product Colour: Blue Red Yellow (*50m x 25mm tape is only available in blue, see Product Variations below*)

Pack Size: 1 Roll

Product Advantages:

- ✓ Detectable by in-line metal detection systems
- ✓ Bright colours for easy visual identification
- ✓ Strong and long lasting permanent adhesive with high initial tack
- ✓ FDA approved adhesive for food processing environments (*Incidental contact only*)
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination
- ✓ Easy peel perforated glassine backing



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Product Variations:	Product Code	Colour	Roll Length and Width
	PR1DAT50ETB	Blue	50m x 50mm
	PR1DAT50ETR	Red	50m x 50mm
	PR1DAT50ETY	Yellow	50m x 50mm
	PR1DAT25ETB	Blue	50mm 25mm

Face Thickness:	75µ +/- 10%
Weight:	89GSM +/- 5%
Temperature Range:	-10°C ~ +80°C
Adhesive Strength:	Extra Permanent

Detectability:

BST metal detectable self-adhesive tape contains an aluminium layer to provide metal detectability. As such, your inspection systems should be capable of detecting aluminium contaminants. This tape is not considered to be compatible when used in conjunction with aluminium trays / other aluminium food packaging.

A 10 x 10mm piece of BST metal detectable tape gave the following test piece equivalent readings when tested through the geometric centre of an Anritsu KD8124AW coaxial metal detection system with a 95 x 450 mm aperture.

Reading Type	Test Piece Equivalent	Recommended Detector Sensitivity
FERROUS	1.5 mm	1.2 mm
NON FERROUS	3.5 mm	3.0 mm
STAINLESS STEEL	3.5 mm	3.0 mm



The above tests were repeated three times in order to gain accurate readings, please bear in mind however that the above guidance does not take into account any product effect. The following factors can have considerable effects on detectability:

- Aperture dimensions
- Contaminant orientation
- Product Type (Wet / Dry / Frozen / Physical State)

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 may need to be recalibrated in order to reliably detect this product. 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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