

Conductive Neoprene Fabric | PR1NS8055MB



Conductive Neoprene Fabric

This magnetically detectable and electrically conductive neoprene fabric is suitable for food handling / processing applications such as bags, bellows, sheeting, curtains, chutes, ETC, as well as being compliant with ATEX requirements for explosive atmospheres. Detectable neoprene fabric sheet is

also compliant with BS IEC 61340-5-1:2001 basic requirements for the handling of electronic devices. The sheeting is dark blue in colour and is easily visually identified as a non-food material. BST can cut your fabric to size and the material can be eyeleted to your bespoke requirements.

Conductive Neoprene Fabric Advantages

- ✓ Detectable by in-line metal detection systems
- ✓ Visible blue colour for easy visual identification
- ✓ Compliant with EU Directive 95/45/EU
- ✓ Eyeletting Service Available
- ✓ Surface resistivity resistance of $<1 \text{ M}\Omega / \text{m}^2$
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination

Neoprene Product and Packaging Information

Product Code	PR1NS8055MB	Dimensions	1.2 x 1.0m
Pack Size	One Metre (1.2m wide)	Weight	1.5kg/m
Colour	Blue	Detectability	Metal Detectable
Thickness	0.5mm	Commodity Code	40082110

Safety Certificates / Approvals

EU Approved	BRC Compliant	ISO 9001:2015	Made In Britain
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Standards Compliance

The ingredient used in this Metal Detectable Neoprene Fabric meets the requirements of EU Directive 95/45/EU relating to the criteria required for colours used in foodstuffs. The compound ECP 8055 contains polymer produced from monomers detailed in the positive list of EU Directive 90/128/EU - “Plastics Materials and Articles intended to come into contact with foodstuffs”, published in the Official Journal of the European Communities on 21st March 1990, and in subsequent amendments up to and including Directive 2000/17/EU.

The ingredients contained in this Metal Detectable Neoprene Fabric are included in Annex III of Directive 90/128/EU and in subsequent amendments up to and including Directive 2000/17/EU.

Metal Detectability

Detectable conductive neoprene fabric contains an evenly dispersed metal detectable additive as well as a stainless steel fibre mesh, making it detectable by correctly calibrated metal detection systems. The metal detectability of this product will vary based on, but not limited to:

- 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.