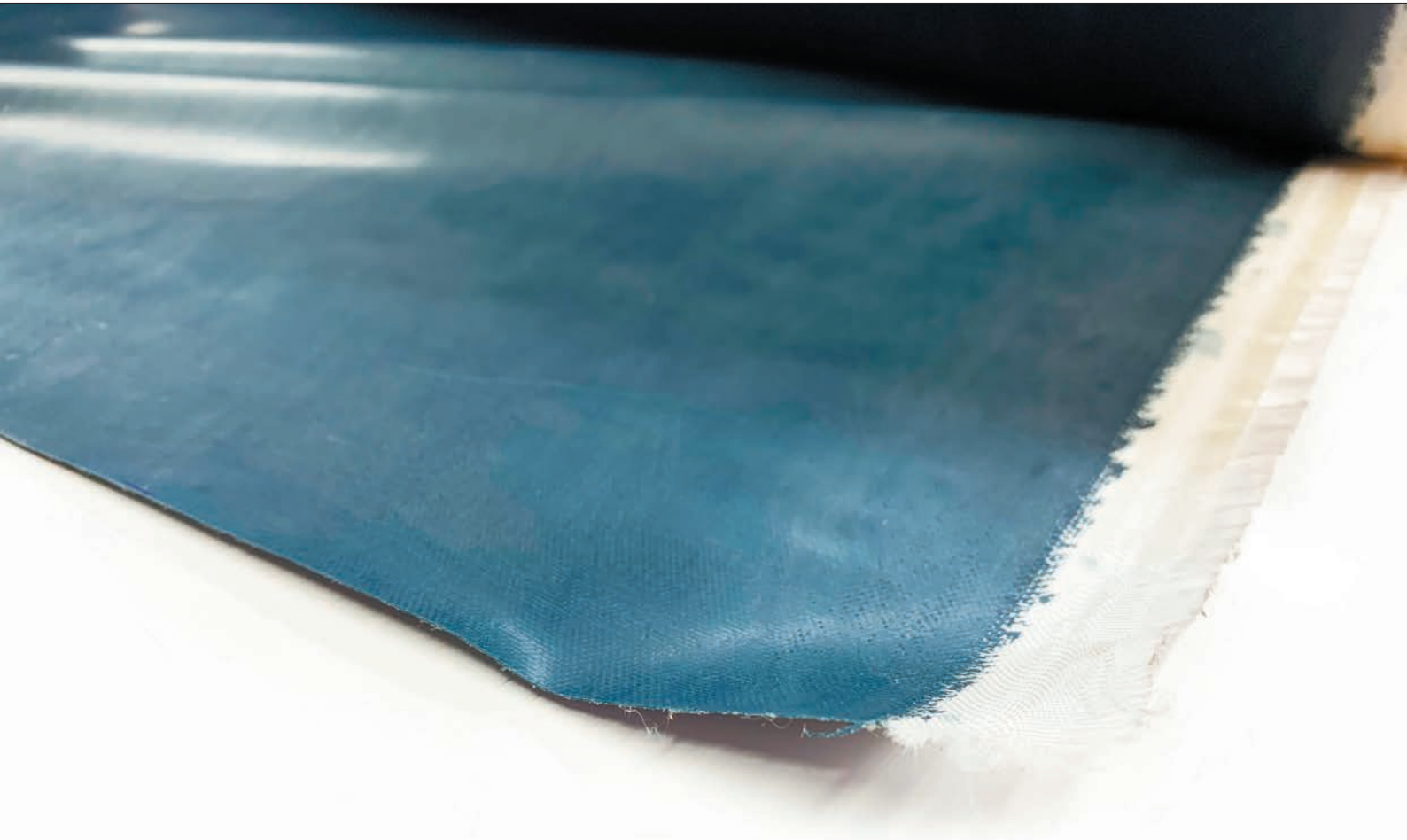




Neoprene Coated Fabric | PR6NS150MB



Neoprene Coated Fabric

This magnetically detectable and electrically conductive neoprene fabric is suitable for food handling / processing applications such as bags, bellows, sheeting, curtains, chutes, ETC.

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.

Neoprene Coated Fabric Advantages

- ✓ Detectable by in-line metal detection systems
- ✓ Highly visible blue colour for easy visual identification
- ✓ Compliant with FDA 177.2600
- ✓ Eyeletting Service Available
- ✓ Surface resistivity resistance of $<10^9$ ohms
- ✓ 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	PR6NS150MB	Dimensions	1.5 x 1.0m
Pack Size	One Metre (1.5m wide)	Weight	1.5kg/m
Colour	Blue	Detectability	Metal Detectable
Thickness	0.5mm	Commodity Code	40082110

Safety Certificates / Approvals

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



Material

Based Fabric Type - Polyamide
Polymer Coating - Polychloroprene

The material has surface resistivity resistance of less than 10^9 ohms and therefore would be classed as anti-static and therefore charges would not build up on the surface to cause a spark issue. The material would also withstand a pressure rating of 8 psi without any leaks.

Standards Compliance

The compound formula used within this Neoprene Coated Fabric complies with the requirements FDA 177.2600 i.e. articles for use with food contact.

Mechanical Properties

Basic Fabric Mass	90g/m ² nominal
Coated Fabric Mass	400g/m ² nominal
Overall Mass	490 +/- 50g/m ²
Air Porosity	No leaks @ 9PSI
Surface Resistivity	10^9 ohms Max
Pressure Resistivity	8 psi
Nominal Thickness	0.5mm +/- 0.05mm
Width	1500mm nominal
State Of Cure	Vulcanised

Metal Detectability

Detectable 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.