

Product Specifications

CTPEMC | Revised March 2015



Product Name: Metal Detectable Cable Tidy

Product Description: This new metal detectable cable tidy is an ideal solution for cable bundling / protection applications within food and pharmaceutical processing environments. The spiral design is perfect for organising and protecting cables and hoses in and around plant machinery.

This bright blue cable tidy system is available in a range of diameters and provides protection against abrasion and chemical attack. The spiral design allows the product to be applied to cables in situ, allowing cables to branch out at any point.

Product Code: CTPEMC

Product Dimensions: 52mm Diameter Reel / 110cm Cord

Batch Quantity: 1

Batch Availability:	Order Code	Batch Diameter / Length	Batch Weight
	CTPEMC4MB	4mm Ø (Internal) x30m Coil	0.7Kg
	CTPEMC9MB	9mm Ø (Internal) x30m Coil	1.5Kg
	CTPEMC16MB	16mm Ø (Internal) x30m Coil	2.6Kg

Product Advantages:

- ✓ Detectable by conventional metal detection systems
- ✓ Highly visible bright blue colour for easy visual identification
- ✓ Food contact approved
- ✓ Offers chemical and abrasive protection to cables
- ✓ Keeps cables tidy, visible and secure
- ✓ Can be applied to cables in situ



Material Properties:	<u>Property</u>	<u>Value</u>
	Material	Polyethylene with metal content
	Continuous Operating Temperature	-60°C to +80°C
	Intermittent Temperature	+120°C
	Metal Content	ca 14%
	Volume Resistivity	50 Ωcm

Chemical Resistance:	<u>Chemical Type</u>	<u>Resistance</u>
	Oils & Lubricants	Good
	Fuels	Good
	Acids & Alkalis	Very Good
	Solvents	Good

Standards Compliance

The materials used in the production of this product are either FDA compliant for food contact articles per CTS 75807 or listed in Annex 1 or are authorised in accordance with the requirements of Commission Regulation (EU) 10/2011 of 14th January 2011 as amended up to Regulation (EU) 1282/2011, on plastic materials and articles intended to come into contact with food

Metal Detectability

The polyethylene material contains an evenly dispersed ferrous metal content that can be detected by correctly calibrated metal detection and x-ray inspection systems. Subject to correct calibration of metal detection / x-ray inspection systems, this product should be fully metal detectable and x-ray visible. Detectability performance will vary based on, but not limited to the following factors:

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

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 recalibrated in order to reliably detect this product and its fragments. 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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