



BST Detectable Brushes BR-*



The BST Detectable Brushes Range

Our wide range of hygienic brushes and broom heads feature fully detectable, specially formulated moulded-in bristles. The detectable PBT bristle material has very low moisture absorption, high temperature resistance, good wear resistance and can be autoclaved.

Stray bristles are designed to be detected by in line metal detection systems which are widely used throughout the food industry. By being detected, contaminated food can be automatically rejected, actively reducing foreign body contamination associated with regular brush bristles.

BST have a range of brushes, from small tube brushes ideal for cleaning tubes and bottles to extra long utility brushes ideal for cleaning large containers, buckets and machinery. We also have a selection of broom heads designed to fit easily and securely to our aluminium broom handles, which are supplied separately.

Brushes Range Advantages

- ✓ Detectable by in-line metal detection systems
- ✓ Strong, durable and high temperature resistant
- ✓ Various bristle options available including hard and medium hard
- ✓ Compliant with EU & FDA food contact legislation
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination



BST Tube Brushes Information

Ø 10mm Brush	BR-TUBE10B	Size/Bristles	Ø 10mm x 500mm - 0.35
Ø 20mm Brush	BR-TUBE20B	Size/Bristles	Ø 20mm x 500mm - 0.35
Ø 30mm Brush	BR-TUBE30B	Size/Bristles	Ø 30mm x 500mm - 0.35
Ø 40mm Brush	BR-TUBE40B	Size/Bristles	Ø 40mm x 500mm - 0.35
Ø 50mm Brush	BR-TUBE50B	Size/Bristles	Ø 50mm x 500mm - 0.60
Ø 60mm Brush	BR-TUBE60B	Size/Bristles	Ø 60mm x 500mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.05kg	Bristle Material	Detectable PBT
Handle Colours	Blue	Handle Material	Polypropylene
Bristle Length	150mm	Country Of Origin	Germany
Bristle Thickness	0.35 / 0.60mm	Commodity Code	96039099



BST Pastry Brushes Information

30mm Brush	BR-PAS30HW	Size/Bristles	30mm x 215mm - 0.60
50mm Brush	BR-PAS50HW	Size/Bristles	50mm x 215mm - 0.60
70mm Brush	BR-PAS70HW	Size/Bristles	70mm x 215mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.05kg	Bristle Material	Detectable PBT
Handle Colours	White	Handle Material	Polypropylene
Bristle Length	150mm	Country Of Origin	Germany
Bristle Thickness	0.60mm	Commodity Code	96039099



BST Corner Brush Information

Product Code	BR-CORHW	Size/Bristles	20mm x 300mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.15kg	Bristle Material	Detectable PBT
Handle Colours	White	Handle Material	Polypropylene
Bristle Length	30mm	Country Of Origin	Germany
Bristle Thickness	0.60mm	Commodity Code	96039099



BST Churn Brush Information

Soft Churn Brush	BR-CHSB	Size/Bristles	70mm x 270mm - 0.35
Hard Churn Brush	BR-CHHB	Size/Bristles	70mm x 270mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.20kg	Bristle Material	Detectable PBT
Handle Colours	Blue	Handle Material	Polypropylene
Bristle Length	35mm	Country Of Origin	Germany
Bristle Thickness	0.35mm / 0.60mm	Commodity Code	96039099



BST Banister Brush Information

Soft Banister Brush	BR-BANSB	Size/Bristles	35mm x 340mm - 0.35
Hard Banister Brush	BR-BANHB	Size/Bristles	35mm x 340mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.20kg	Bristle Material	Detectable PBT
Handle Colours	Blue	Handle Material	Polypropylene
Bristle Length	50mm	Country Of Origin	Germany
Bristle Thickness	0.35mm / 0.60mm	Commodity Code	96039099



BST Long Utility Brush Information

Product Code	BR-LUBB	Size/Bristles	50mm x 400mm - 0.35
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.20kg	Bristle Material	Detectable PBT
Handle Colours	Blue	Handle Material	Polypropylene
Bristle Length	40mm	Country Of Origin	Germany
Bristle Thickness	0.35mm	Commodity Code	96039099



BST Extra Long Utility Brush Information

Product Code	BR-XLUBHW	Size/Bristles	40mm x 770mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.45kg	Bristle Material	Detectable PBT
Handle Colours	White	Handle Material	Polypropylene
Bristle Length	60mm	Country Of Origin	Germany
Bristle Thickness	0.60mm	Commodity Code	96039099



BST Cutter Brush Information

Product Code	BR-CUTB	Size/Bristles	100mm x 510mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.25kg	Bristle Material	Detectable PBT
Handle Colours	Blue	Handle Material	Polypropylene
Bristle Length	45mm	Country Of Origin	Germany
Bristle Thickness	0.60mm	Commodity Code	96039099



BST Narrow Broom Head Information

Narrow Broom Head	BR-NBHB	Size/Bristles	35mm x 230mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.30kg	Bristle Material	Detectable PBT
Handle Colours	Blue	Handle Material	Polypropylene
Bristle Length	80mm	Country Of Origin	Germany
Bristle Thickness	0.60mm	Commodity Code	96039099



BST Small Broom Head Information

Small Broom Head	BR-SBHB	Size/Bristles	60mm x 300mm - 0.60
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.45kg	Bristle Material	Detectable PBT
Handle Colours	Blue	Handle Material	Polypropylene
Bristle Length	25mm	Country Of Origin	Germany
Bristle Thickness	0.60mm	Commodity Code	96039099



BST Large Broom Head Information

Large Broom Head	BR-LBSB	Size/Bristles	50mm x 400mm - 0.35
Pack Size	1	Detectability	Metal Detectable Bristles
Pack Weight	0.55kg	Bristle Material	Detectable PBT
Handle Colours	Blue	Handle Material	Polypropylene
Bristle Length	55mm	Country Of Origin	Germany
Bristle Thickness	0.35mm	Commodity Code	96039099



BST Broom Handle Information

Product Code	BR-ABHB	Handle Material	Polypropylene*
Pack Size	1	Pole Material	Aluminium
Pack Weight	0.60kg	Detectability	Non Detectable
Handle Colour	Blue	Country Of Origin	Germany
Dimensions	1500mm x 32 Ø	Commodity Code	76169990

*Please note the polypropylene handles are non detectable

Material Information

The brush bodies are made of non detectable closed-pore polypropylene (PP). This guarantees a perfect fit of the bristle bundles. Smooth and dirt-repellent surfaces without angles and edges prevent microorganisms from accumulating.

The bristles are manufactured from metal detectable polyester PBT which is suitable for use with all common cleaning products. They do not absorb moisture and retain their original stiffness in hot water. The bristle bundles anchor with stainless steel wire. This guarantees a life-long perfect support of the bristles.

Safety Certificates / Approvals

FDA Compliant	FEIBP Compliant	ISO 9001:2015
EU Compliant	BRCGS Compliant	



Food Contact Status

The PBT filaments used in our brushes are compliant with FDA regulation 21CFR 1077.1660 “Polytetramethylene Terephthalate”, with the scope of application being “Filaments used for repeated use in contact with food”. Brush handles are manufactured using food safe non detectable polypropylene plastic.

These brushes meet the requirements of IFS (International Featured Standard) and the HACCP concept (Hazard Analysis and Critical Control Points). All product codes as listed above comply with the following regulations; Regulation (EC) No 1935/2004, Commission Regulation (EC) No 2023/2006 and Commission Regulation (EU) 10/2011 and amendments up to and including (EU) 2020/1245, RL2002/72/EC and the Charter of the European Association of Brush Manufacturers for professional hygiene brush goods. All raw materials are food-approved according to the latest EC/EU guidelines for products that come into contact with food.

In addition, we use only raw materials that correspond with the U.S. Food and Drug Administration (FDA). All our brushes correspond with the set of regulations ‘PHB Charter’ of the European Association of Brush Manufacturers (FEIBP), which was developed specifically for manufacturers of hygiene brushes.

Metal Detectability

The bristles of our brushes are embedded with food safe ferrous content, giving them magnetic properties and making them detectable by conventional 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. © 2024 BS Teasdale & Son Ltd. All Content, Data & Images are owned by BS Teasdale & Son Ltd and are protected by international copyright law.