



**PROTECTING  
YOUR FOOD  
AGAINST PLASTIC  
AND RUBBER  
CONTAMINATION**

Detect | Reject | Protect®



## Worldwide Distribution Network

At BST we understand what it means to have a global reach. Our expanding worldwide network of distribution partners means that BST products are currently available in 82 countries.

Working closely with our distribution partners means we can identify product improvements and develop engineering solutions, constantly evolving our product range and improving our service.



# About BST

BST Detectable Products were first founded in 1985 by former British Bakeries engineer, Brian S Teasdale. The company initially focused on providing engineering supplies to UK bakeries, before inventing the concept of metal detectable products and the world's first detectable pen.

BST detectable products reduce the risk of foreign body contamination in hygiene critical environments, such as food and drink, pharmaceutical, or cosmetic manufacturing plants.

If a detectable item breaks or is accidentally dropped into the production line, even small fragments can be identified by metal detection or X-ray inspection systems. These contaminated products are then automatically removed from the production line, safeguarding both consumer health and safety, as well as the manufacturer's reputation.

Preventing foreign body contamination is at the frontline of food safety and detectable products manufactured by BST not only help towards this goal but also comply with international regulations and complement a company's HACCP systems.

BST are proud supporters of the Made In Britain campaign, with many BST products a result of strong partnerships with British manufacturers. In fact, over 70% of the detectable products in this brochure are manufactured in Great Britain by British Manufacturers.

With 40 years' experience in supplying the food industry, BST has grown into a global brand known for the quality of our products and the service we provide. BST launched our world famous DetectaPen® in 1994, and now supply over 1.8 million detectable pens per year, as well as supplying a

wide range of other detectable products that reduce foreign body contamination risks to food processors across the globe.

Our ethos at BST is to build quality into every aspect of the business, from design and manufacture to logistics and support. Our highly experienced team places customer needs at the top of their priorities, whether that customer is a small artisan baker, or a global distributor. We not only supply a standard range of stocked detectable products, but we can also utilize our extensive British manufacturing partnerships to develop bespoke engineering solutions to suit our customers applications and needs.

Our manufacturing resources and product expertise combined with access to a range of food grade detectable plastics and rubbers means that we have the resources to see the most intricate bespoke detectable product developments through from concept to completion. If you're looking for a supplier of detectable products that understands the importance of quality, safety, detectability, service, and support then you need look no further than BST, the original pioneers and market leading supplier of metal detectable and x-ray visible products.

Implementing detectable products into your production areas helps to support food safety certification programs such as BRCGS, FSSC 22000, and SQF.

BST are proud to work in partnership with BRCGS global standards. Our products are intended to reduce foreign body contamination risks and improve food safety - they can help you with your BRCGS compliance. Quotes from BRCGS version 9 are referenced throughout this brochure for your convenience.



# Contents

Stationery	6-13
Food Handling	14-15
Cleaning	16-17
Other Detectable Essentials	18

For more detailed information on our products and technical specification documents please visit the BST website at [www.bst-detectable-us.com](http://www.bst-detectable-us.com) or call our sales team on **+44(0)1302 775208**.

For prices on the products in this catalogue, please check your BST Pricelist, alternatively, you can visit the BST website. If you order through a BST distributor, please contact your local distributor for pricing information.

# Product Guide

## Abbreviations and symbols

B	Blue	PN	Pink	S0	Stainless Steel 440		Made In Britain
R	Red	P	Purple	A	Aluminum		Kosher Certified
G	Green	BN	Brown		Metal Detectable		Pack Size
Y	Yellow	FE	Ferrous		X-Ray Visible		
K	Black	NF	Non Ferrous		Antibacterial		
W	White	S4	Stainless Steel 304		FDA Compliant		
O	Orange	S6	Stainless Steel 316		EU Compliant		

## XDETECT®

Our flagship detectable plastic compound xdetect®, has benefited from over 27 years of technological refinement, making it one of the most advanced detectable compounds available on the market today. Xdetect® plastic contains a special formulation of additives that result in a unique set of properties, which strive to meet our objective of developing the world's ultimate food safe plastic. Our latest formulation of xdetect® is the most detectable, strong, and colorful compound we have ever made. It is also our most extensively tested compound with food contact approvals including FDA compliant ingredients & full migration testing against EU standards. With added antibacterial technology, this plastic is the science behind our world famous DetectaPen® range. BST products made from xdetect® benefit from the following properties:

### ✓ Electromagnetically Detectable

Xdetect® can be detected and rejected by industry standard in-line metal detection systems. It will even stick to a magnet, and has the same excellent material performance as regular polypropylene plastic.

### ✓ X-Ray Visible

Unlike many other detectable plastics, xdetect® contains an extra additive specifically designed for enhanced x-ray visibility. Customer feedback and independent testing has shown that our compound is highly visible in x-ray inspection applications.

### ✓ Shatter Resistant

Our compound is tough, designed to be shatterproof when exposed to harsh impacts, even in freezing conditions.

### ✓ Antibacterial Protection

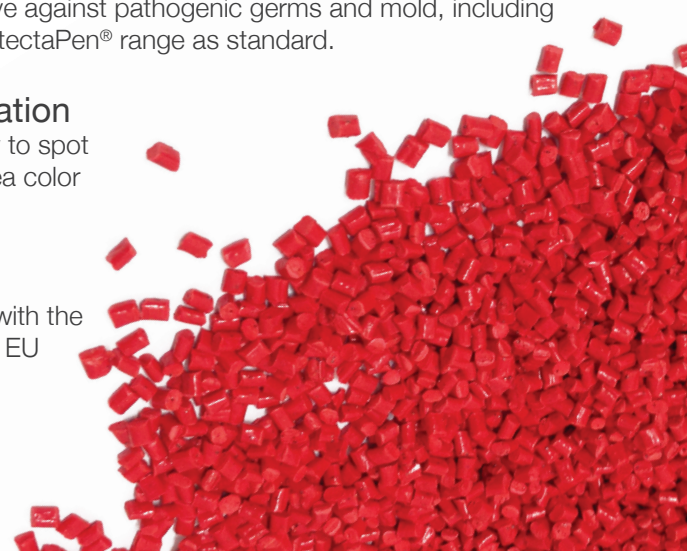
As part of our ambition to achieve the ultimate in food safety, certain xdetect® products also incorporate antibacterial technology. This technology is laboratory tested and proven to be effective against pathogenic germs and mold, including E Coli, MRSA and Salmonella. Antibacterial protection is built into our DetectaPen® range as standard.

### ✓ Bright Colors for Visual Detection & Color Co-ordination

Xdetect® is available in 9 bold and vibrant colors, making the plastic easy to spot as a foreign body with the added bonus of fitting into your production area color co-ordination schemes.

### ✓ FDA & EU Food Contact Approval

Xdetect® contains only FDA approved ingredients, and is fully compliant with the latest EU food contact regulations, including full migration testing against EU migration limits set out in regulation 10/2011.



# Stationery

BST have a large range of stationery products suitable for use in all environments. Our products are designed to be as environmentally friendly as possible.

The BST DetectaPen® has a long standing reputation as being the premier choice of factory writing equipment. Engineer, Brian S Teasdale, first invented the plastic detectable pen in 1991 and we've spent the last 35 years improving every aspect. This has resulted in what we believe to be the world's safest pen for use in food processing areas.



## BRCGS Issue 9 Clause 4.9.6.2

"Portable handheld equipment, e.g stationery items such pens, pencils etc, [...] shall be controlled by the site to minimise the risk of physical contamination."

## BRCGS Issue 9 Clause 4.9.2.2

"Staples, paper clips and drawing pins shall not be used in open product areas."

## BRCGS Issue 9 Clause 4.10.1.1

"A documented assessment in association with the food safety plan shall be carried out on each production process to identify the potential use of equipment to detect or remove foreign body contamination"



# Stationery ~ BST DetectaPen® Range



Scan the code to view the full range

**GOLD**



We offer a bespoke **Printing Service** on this product

## J800 DetectaPen®

J800 With Clip:	J800*
J800 With Loop	J810*
Body Color:	B,R,G,Y,W,K,O,PN,P
Ink Color:	B,K,R,G

## J850 Gel DetectaPen®

Gel With Clip:	J850*
Gel With Loop:	J860*
Body Color:	B,R,G,Y,W,K,O,PN,P
Ink Color:	B,K,R

## P950 Freezer DetectaPen®

P950 With Clip:	P950*
P950 With Loop:	P960*
Body Color:	B,R,G,Y,W,K,O,PN,P
Ink Color:	B,K



- Metal detectable and x-ray visible
- Incorporates antibacterial technology
- FDA & EU compliant
- Made in Britain
- Kosher certified
- Retractable mechanism and contain no small parts or springs
- Constructed from shatterproof plastic
- Solid one-piece, color co-ordinated insert to indicate ink color
- Both clipped and looped models are lanyard compatible
- Estimated write out length 9,000 metres
- The ink complies with ISO 12757-1 for general use and ISO 12757-2 for documentary use

# Stationery ~ BST DetectaPen® Range



Scan the code to view the full range & video

**SILVER**



We offer a bespoke **Printing Service** on this product

Four ink colors available

Looped option available in blue body only

## Trace-It® Pen

Trace-It With Clip:	TRACE*
Trace-It With Loop:	TRACELB*
Body Color:	B,R,G,Y,O
Ink Color:	B,K,R,G



- Metal detectable and x-ray visible
- FDA & EU compliant
- Retractable mechanism and contain no small parts or springs
- Constructed from shatterproof plastic
- Solid one-piece, color co-ordinated insert to indicate ink color
- Both clipped and looped models are lanyard compatible
- Estimated write out length 9,000 metres
- The ink complies with ISO 12757-1 for general use, and ISO 12757-2 for documentary use
- Feature high quality stainless steel ink refills with detectable end plug
- Blue, red, and green bodies feature antibacterial technology

## Are you using the right detectable pen?

**GOLD** **J800 DetectaPen®**

Our J800 Detectapens are the gold standard and the original retractable detectable pen. This shatter-resistant pen is available in 9 body colors and 4 ink colors, and also features built-in antibacterial technology.

**SILVER** **Trace-It DetectaPen®**

The Trace-It is the newest member of the detectapen family, designed to be the cost-effective counterpart to our J800. Although limited to 5 body colors the Trace-it still features the same detectability and shatter resistance.

**BRONZE** **Eco v2.0 DetectaPen®**

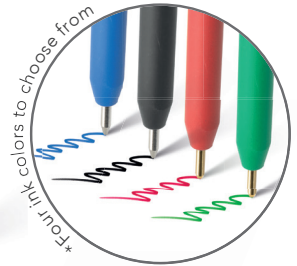
An evolution of our original detectable stick pen, the Eco remains a trusted classic. While it's a non-retractable model, it's available in all 9 colors and made from the same material as the rest of the Detectapen range.

# Stationery ~ BST DetectaPen® Range



Scan the code to view the range

**BRONZE**



## Eco v2.0 DetectaPen®

Brass With Clip:	E210*
Brass With Loop:	E220*
Nickel With Clip:	E2100*
Nickel With Loop:	E2200*
Body Color:	B,R,G,Y,W,K,O,PN,P
Ink Color:	B,K,R*,G* (*brass only)



- Metal detectable and x-ray visible
- Incorporates antibacterial technology
- FDA & EU compliant
- Made in Britain
- Constructed from shatterproof plastic
- Solid one-piece, contain no small parts or springs
- Available with nickel plated or brass nib
- Both clipped and looped models are lanyard compatible
- Estimated write out length of 2,800 metres
- The ink complies with ISO 12757-1 for general use and ISO 12757-2 for documentary use

www.bst-detectable-us.com

Detect, Reject, Protect®

**BRCS** In Partnership with

# Stationery ~ BST DetectaMark® Range



## BST Retractable DryWipe

Bullet Nib:	BSTRDW-*
Fine Tip:	BSTRDWF-*
Body Color:	Blue
Ink Color	B,K,R,G



## BST Retractable Permanent

Bullet Nib:	BSTRPM-*
Fine Tip:	BSTRPMF-*
Body Color:	Blue
Ink Color:	B,K,R,G



## BST Retractable Highlighter

Product Code	BSTRHL-*
Nib Style:	Chiseled
Body Color:	Blue
Ink Color:	B,G,O,Y,PN



## BST Capped DryWipe

Bullet Nib:	BSTDW-*
Fine Tip:	BSTDWFT-*
Body Color:	Blue
Ink Color:	B,K,R,G



## BST Capped Permanent

Bullet Nib:	BSTPM-*
Fine Tip:	BSTPMFT-*
Body Color:	Blue
Ink Color:	B,K,R,G



## BST Capped Highlighter

Product Code	BSTH-*
Body Color:	Blue
Ink Color:	B,G,O,Y,PN



# Stationery ~ BST DetectaMark® Range



## BST Marker Pen Range

BST offer a wide range of marker pens manufactured from food grade metal detectable and x-ray visible casing and caps.

Our range includes permanent, drywipe, highlighter, UV, and meat marking inks.

They also feature a variety of nib styles including bullet tips, fine tips, chisel tips, and broad tips.

The use of metal detectable stationery products is a clear display of due diligence in the prevention of foreign body contamination. Their use can also meet the requirements of major food retailers and food standards bodies.

### Meat Marker

UV Marker:	PM-MEAT
Body Color:	Blue
Ink Color:	Red



### UV Marker

Product Code:	UVM
Body Color:	Blue
Ink Color:	UV



Scan the code to view the full range

Our brand-new range of detectable capped markers are also available in fine-tip versions. Further information can be found on page 10.



# Stationery ~ Accessories



## BST Pocket DetectaCalc®

Product Code:	BSTPCAL
Color:	Blue
Dimensions:	120 x 70 x 8mm



## BST DetectaBoard®

Product Code:	CBA4-B
Color:	Blue
Dimensions:	230 x 355 x 5.5mm



## BST Whiteboard Eraser

Product Code:	ERASERB
Color:	Blue / Black
Dimensions:	150 x 55 x 38mm



## BST Stainless Steel Clipboard

Product Code:	CBA4L-SS
Colour:	Blue
Dimensions:	355 x 230 x 1mm



## Jumbo Pallet Marker

Product Code:	APM-K
Body Color:	Silver
Ink Color:	Black



## BST Detectable Calculators

- Desktop and pocket calculators available
- Metal detectable and x-ray visible casing and buttons
- Compliant with EU legislation, and can be used as part of HACCP and BRCGS procedures
- Sealed units with minimal germ traps
- Strong, Durable and hygienic construction
- Highly visible bright blue body colour for easy visual identification
- Displays due diligence in the prevention of foreign body contamination
- The pocket calculator features a reinforced attachment loop, which includes a stainless steel lanyard with break free clasp

View the full range online

Scan the QR code opposite to view the full range.



# Bespoke Solution Services

Complimentary and obligation free, cost effective detectable solutions for your workplace? We can help you identify current and potential risks and help provide suitable cost effective solutions.

BST specialize in developing new products to address contamination risks. We can draw on an extensive network of specialized British manufacturers, many of whom we have formed close partnerships with over generations. We have at our disposal a wide range of detectable food safe materials, including variants of Polypropylene, Polyethylene, Polyurethane, Silicone, Nitrile, UHMWPE, PTFE, POM, PEEK, PBT, PSU and PA6.

Examples of bespoke developments include pick and place suction cups, silicone extrusions, o-rings, gaskets and machinery parts.

Don't wait for an audit non-conformance or even worse a recall! Speak to BST and let us help you address the problem at its source. We would be pleased to visit you on site to help us gain a true understanding of your needs and deliver you the best solution.

# Food Handling

Ensure optimal safety and efficiency in your production areas with our comprehensive range of detectable food handling products. Our selection includes catering knives, jugs, scoops, scrapers, stirrers, and buckets, all meticulously crafted to meet the rigorous hygiene standards of the food industry.

Engineered for both durability and detectability, these high-quality items not only enhance food safety but also streamline your operations, helping to show due diligence in the prevention of contamination and ensure compliance with industry regulations.



## BRCGS Issue 9 Clause 4.9.2.1

“There shall be a documented policy for the controlled use and storage of sharp metal implements including knives, cutting blades on equipment, needles and wires. This shall include a record of inspection for damage and the investigation of any lost items. Snap-off blade knives shall not be used.”

# Food Handling

- M** Metal Detectable
- X** X-Ray Visible
- A** Antibacterial
- FDA** FDA Compliant
-  EU Compliant



## BST Plastic Hand Scrapers

Small:	XDXS76B
Large:	XDXS110B
Color(s):	Blue*
Large Dimensions:	248 x 110 x 18mm
Small Dimensions:	205 x 76 x 15mm



## BST Plastic Hand Scrapers

Small:	MDXS76*
Large:	MDXS110*
Color(s):	R,G,W,
Large Dimensions:	248 x 110 x 18mm
Small Dimensions:	205 x 76 x 15mm



## BST Hand Scoop

Mini:	XDXMIHSB
Small:	XDXSHSB
Medium:	XDXMEHSB
Large:	XDXLHSB
Color:	Blue



## BST Bucket & Optional Lid

Buckets:	XDX12LBB
Lids:	XDX12LBLB
Color:	Blue



## BST Kitchen Scissors

Product Code:	KSB
Dimensions:	9"
Handle Colour:	Blue



## Smartcut safety Knife

Product Code:	SMART
Handle Colour:	Blue
Suitable For:	Cardboard, Wrapping, Stretch, Shrink Foil, Tape, Yarn, and Cord



## Why should I use detectable products?

Unlike non-detectable items, detectable alternatives are designed to be easily identified and rejected by properly calibrated inline detection systems.

Detectable products offer superior durability and shatter resistance, reducing the risk of contamination and enhancing overall food safety. Choose detectable products for robust, reliable protection and compliance with industry standards.

View the full range online

Scan the QR code opposite to view the full range.



# Cleaning

Effective cleaning is a cornerstone of food safety, and BST's range of detectable cleaning tools is designed to meet the rigorous hygiene demands of food production environments. All products are manufactured using metal detectable and x-ray visible plastics to reduce the risk of foreign body contamination.

Color coding helps prevent cross-contamination, while durable construction ensures longevity in even the most demanding cleaning regimes. Designed with audit compliance in mind, our tools support adherence to BRCGS, IFS, and HACCP protocols.

When cleaning equipment is worn, damaged, or misplaced, it can quickly become a contamination risk, that's why every item in our cleaning range is engineered to be fully traceable and easily identified by detection systems.



BRCGS Issue 9 Clause 4.11

Housekeeping and Hygiene  
- Fundamental

"Housekeeping and cleaning systems shall be in place which ensure appropriate standards of hygiene are maintained at all times and the risk of product contamination is minimised."



# Cleaning



## Banister Brush

Product Code:	MDXRMBB
Size:	322 x 40 x 17mm
Color:	Blue



## Medium Broom Head

Product Code:	XDXRMSBB
Size:	305 x 75 x 127mm
Color:	Blue



## Squeegees

Product Code:	MDXSQ
Size:	600 x 55 x 95mm
Colour:	Blue



## Replacement Handle

Product Code:	MDXPSH
Size:	173 x 25 x 25mm
Color:	Blue



## Aluminum Handle

Product Code:	XDXAHB
Size:	Ø 30mm x 1348mm
Color:	Blue/Silver



## Tank Brushes

Product Code:	XDXRTB
Size:	216 x 133 x 95mm
Color:	G,O



## Long Handled Brushes

Product Code:	MDXRLHB
Size:	406 x 50 x 140mm
Colour:	Blue



# BST Detectable Essentials



Allergy & Powder Free



## Nitrile Gloves

Product Code: NGLOVE\*

Color: Blue

Glove Size: M,L,XL



## Heat Resistant Loop Tags

Printed Large Tags: LTLSP\*

Size: 48 x 279.4mm

Colours\*: B,R



Small Loop Tags also available

DID YOU KNOW?



## Nylon Cable Ties

2.5 x 100mm: CT18R

3.5 x 150mm: CT30R

4.6 x 202mm: CT50R

4.6 x 380mm: CT50L\*

7.6 x 387mm: CT120R

Color: B,\*RGY



## Let's keep in touch!

The best way to stay up to date with all the latest information from BST!

- bst-detectable-products

- BstDetectableProducts

- bstdetectableproducts

- bstdetectableproduct

## Review Us!

You can leave a review about any product using our website. Good or bad, we want to hear your thoughts! Just log in to your account, find the product you wish to review and get typing!

You can also ask us questions using our online chat or through our 'Frequently Asked Questions' in the Support Centre.

# Can't find what you're looking for?

If you need a detectable product that isn't featured in this brochure or on our website, we're here to help. With access to a wide range of food-safe detectable plastics and rubbers, along with decades of experience, we're well-equipped to develop bespoke solutions from concept to completion.

Throughout our process, we work closely with our customers to understand your specific challenges and combine that insight with the technical know-how of our manufacturing partners. Whether it's a unique shape, material, or application, we can help you design and produce a product that meets both your safety requirements and operational needs.

We've designed and produced a wide range of bespoke solutions, from machinery parts to custom sealing components, and we're always ready for the next challenge.

Contact us today to discuss your bespoke requirements.

View the full range online

Scan the QR code opposite to view the full range.





**BST Detectable, Inc**

70 West Madison St,  
Suite 5750  
Chicago  
IL 60602

**E** [us.sales@bst-detectable.com](mailto:us.sales@bst-detectable.com)

**W** [bst-detectable-us.com](http://bst-detectable-us.com)

**BST Detectable Products**

Unit 7 Delta Court  
Sky Business Park  
Robin Hood Airport  
Doncaster  
South Yorkshire  
DN9 3GN  
United Kingdom

**T** +44(0)1302 775208

**E** [sales@bst-detectable.com](mailto:sales@bst-detectable.com)

**W** [www.bst-detectable.com](http://www.bst-detectable.com)

