



## BST DetectaPen® Ergo Grip | ST1\*\*440DB

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### BST DetectaPen® Ergo Grip

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The ergo-grip is designed for use exclusively with the BST DetectaPens® range. This easy to hold, grooved, metal detectable grip is ideal for anyone who requires extra grip and comfort when using our pens.

The grip is made from food contact approved metal detectable silicone, designed for use by anyone who works in greasy conditions, suffers from arthritis in the hands or other conditions that reduce pen grip, or just wants extra comfort when writing with any BST DetectaPens®.

The ergo-grip is available in two sizes, the large to fit the retractable style DetectaPens® range, and the small to fit the ECO style DetectaPens® range. Please specify your required size when ordering.

### BST DetectaPen® Ergo Grip Advantages

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- ✓ Detectable by in-line metal detection systems & x-ray inspection systems
- ✓ Improves comfort and grip for the user
- ✓ Strong, durable, shatter resistant & chemically resistant material
- ✓ Compliant with FDA food contact legislation
- ✓ Highly visible blue colour for easy visual identification
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination

## Product and Packaging Information

Small Grip	ST165440MB	Colours	Blue
Large Grip	ST188440MB	Detectability	Metal Detectable
Pack Size	1	Material	40 Shore A Silicone
Pack Weight	0.05kg	Commodity Code	40082190

## Safety Certificates / Approvals

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



## Material Properties

Manufactured from '40 Shore A' food safe silicone rubber, with a non-hazardous metal detectable additive. Phthalates are not present in these products.

Property	Units	Value
Hardness (+/-5)	Shore A	40
Appearance		Blue
Specific Gravity (+/-0.05)	g/mc3	1.26
Tensile Strength (Nominal)	N/mm2	5.5
Elongation @ Break (Nominal)	%	400
Modulus @ 100% (Nominal)	N/mm2	1.2
Tear Resistance die B (Nominal)	N/mm2	10.2

## Food Contact Status (EU)

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Hereby we declare that the material grade 40 shore A Silicone is manufactured in line with the relevant requirements of 2023/2006/EC on good manufacturing practice (GMP) for materials and articles intended to come into contact with food.

In addition it is also compliant with EU regulation EC 1935/2004.

## Food Contact Status (FDA)

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We hereby confirm that these Ergo Grips are manufactured from grade 40 shore A silicone contain only listed ingredients according to FDA standard CFR 177.2600 and are fully post cured in accordance with the raw material manufacturers guidelines.

The silicone polymer, pigments and curative used in the manufacture of the grip are suitable for food applications, and will meet the FDA Section 21 CFR 177.2600 covering “rubber articles intended for repeated use” and/or comply with recommendation of the BfR (former BgVV) XV “Silicones”.

## Metal Detectability

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The silicone grip contains an evenly dispersed metal detectable additive, 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.