

## WeLoc Bag Gripper | WE245 / WE315

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### WeLoc Bag Gripper

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The WeLoc® detectable bag grip is a patent protected system, ideal for securely sealing ingredient sacks & bags, whilst minimising the risk of foreign body contamination. There are two size grippers available, the largest grip offers 150mm sealing length, and allows easy release when access to the bag is required.

The advanced detectable (POM) polyacetal co-polymer material is designed specifically for the

food industry, featuring a high temperature range, high tensile strength, high fatigue and impact resistance as well as resistance to moisture, lubricants, solvents and many other neutral chemicals. This material is dual detectable (metal detectable and x-ray visible).

The WeLoc® detectable bag grip is manufactured from FDA food contact approved materials, see further details in the food contact status section of this specification sheet.

### WeLoc Bag Gripper Advantages

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- ✓ Detectable by in-line metal detection systems & x-ray inspection systems
- ✓ Durable for temperatures as low as -50°C to + 120°C
- ✓ Keeps ingredients fresh, protected and minimises spillage
- ✓ Releasable, reusable and cost effective bag resealing solution
- ✓ Highly visible bright blue colour for easy visual identification
- ✓ 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

Product and Packaging Information

Small Gripper	WE245	Length	245mm	Sealing Length	100mm
Large Gripper	WE315	Length	315mm	Sealing Length	150mm
Colour	Blue	Detectability	Metal & X-Ray Visible		
Pack Size	1	Material	POM		
Pack Weight	0.13kg - 0.18kg	Country Of Origin	Sweden		
AntiBacterial	No	Commodity Code	39235090		

Safety Certificates / Approvals

FDA Approved	BRCGS Compliant	ISO 9001:2015
EU Compliant	REACH Compliant	



## Food Contact Status (EU)

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Our WeLoc products are made from Food Grade compounds and colour additives which comply with the EU Regulations, EU 1935/2004 as well as the FDA Regulations. The only exception is the fiberglass reinforced WeLoc Gripper PA which is recommended only for secondary use on food packages.

## Food Contact Status (FDA)

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The polyacetol copolymer material used to manufacture this product complies fully with the Federal Food, Drug and Cosmetic Act and all applicable food additive regulation and the bas resin complies with US FDA regulation 21 CFR177.2480. This material may be used as articles or components of articles intended for contact on a repeated use basis, at temperatures of up to 121°C in contact with all food types except those containing more than 15% alcohol, and such use may properly comply fully with the Federal, Drug and Cosmetic Act and all applicable food additive regulations.

## REACH

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We hereby confirm that we are informed of the REACH-legislation and understand our responsibility in REACH. Our products do not contain chemicals included in the list of substances of very high concern (SVHC) restricted in REACH, based on information from our suppliers. Routines are introduced to follow the changes of legislation and restrictions in REACH.

## Metal Detectability

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The polyacetal copolymer material contains an evenly dispersed additive, making the plastic electromagnetically detectable. 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.

## X-Ray Visibility

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In contrast to metal detection, x-ray visibility is determined by material density. For this reason, the polyacetal copolymer material contains an additional, evenly dispersed, food safe, high density additive. x-ray detection performance will be reduced when small fragments are buried in deeper, denser products - detection will depend on product type and density.

We highly recommend that all our products be thoroughly tested on your x-ray inspection 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. Such a professional should be available by contacting the manufacturer of your x-ray inspection 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. © 2023 BS Teasdale & Son Ltd. All Content, Data & Images are owned by BS Teasdale & Son Ltd and are protected by international copyright law.