

## PRODUKTINFORMATIONEN

V 2.0 July 2022  
Product Specification Sheet

## Disposable Detectable Earplugs |



## Product Description

Our disposable detectable earplugs are made using a detectable silicone cord and a metal crimp within the foam plug. The foam plugs roll thin for easy insertion into the ear canal. Unlike many throw away 'detectable' earplugs, both the cord and the plugs are detectable improving safety should the parts become separated. It is connected by a metal impregnated & tagged cord which provides detectability so they can be used safely in a food environment & can be easily detected.

## Disposable Detectable Earplugs Advantages

- ✓ Detectable by in-line metal detection systems
- ✓ Highly visible colour for easy visual identification
- ✓ Designed for maximum comfort and performance
- ✓ SNR 33dB protection rating
- ✓ Manufactured from metal impregnated silicone cord and ultra soft foam with a metal core
- ✓ Displays due diligence in the prevention of foreign body contamination

**PRODUKTINFORMATIONEN****Product and Packaging Information**

Product Code:	8900215-B
Pack Weight:	0.85 kg
Pack Size:	200
Colour(s):	Blue
Material:	Silicone and Foam
Detectability:	Metal Detectable
Commodity Code:	39269097

**Ink Specification**

The cord is manufactured from silicone rubber containing a non-hazardous metal detectable additive and the earplugs themselves are manufactured from ultra soft foam with a metal core.

These products are not designed to come in to direct contact with food and therefore do not come with any food contact approvals or certifications. They are to be used as personal protection to reduce the risk of foreign body contamination

**Safety Certificates / Approvals**

EU Compliant  
BRC Compliant  
ISO 9001:2015

**Quality Statement**

CE tested in accordance with European Standard EN 352-2:2002 and DIN EN 352-2:2003 according to the provisions of the European Directive 89/686/EEC on Personal Protective Equipment, and tested as food-safe.

**Instructions**

Fitting Instructions – Gently roll the plug between thumb and forefinger until fully compressed. Insert into the ear canal with a twisting motion until the plug starts to expand.

Choke Warning – KEEP AWAY FROM BAMIES AND SMALL CHILDREN.

## PRODUKTINFORMATIONEN

### Noise Performance

Frequency	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz	8 KHz
Mean Attenuation	30.3 dB	32.1 dB	34.7 dB	35.1 dB	36.8 dB	37.6 dB	45.8 dB
Standard Deviation	8.2 dB	6.9 dB	6.8 dB	5.2 dB	6.1 dB	8.6 dB	3.0 dB
Assumed Protection	22.1 dB	25.2 dB	27.9 dB	29.9 dB	30.7 dB	29.0 dB	42.8 dB

SNR = 33 dB    H = 33 dB    M = 30 dB    L = 27 dB

Tested to EN352-2:2002 / DIN EN 352-2:2003

### Metal Detectability

The silicone cord and plugs with metal core should give strong readings on a correctly calibrated metal detection system. The detectability of this product will vary based upon the metal detections systems being used and their calibration. Detectability performance will vary based on, but not limited to the following factors:

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

For this reason Niebling recommend that all our products be thoroughly tested on your metal detection system / x-ray inspection system by a trained and certified professional. Your equipment may need 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, Niebling Technische Bürsten GmbH, cannot guarantee favourable results and assume no liability in connection with the use of our products.