

# DETECTAMET

## Technical Data Sheet

Document Reference	410-P01-T939
Date of Issue	13 <sup>th</sup> Oct 2025
Revision Number	001
Date of Last Revision	13 <sup>th</sup> Oct 2025

### 410-P01-T939 3 Flange Reusable Earplugs



Technical Data Sheet Applicable To:

410-P01-T939-X29	MD & X-ray visible 3 Flange Reusable Earplugs with Silicone Cord (Pack of 250)
------------------	--

#### Industry Usage:

These fully detectable earplugs provide protection in loud workplace environments and are suitable for food manufacturing environments.

#### Features and Benefits:

- Metal Detectable and X-ray Visible
- Fully detectable earplug and cord
- Washable and waterproof earplug
- Durable and non-toxic
- Cord length: 600mm (23.62")

#### Material and Compliance information:

This product has been tested according to EN 352-2:2020 and it complies with Regulation (EU) 2016/425 Personal Protective equipment. (EU Type examination certificate (Module B) issued by BSI Group The Netherlands B.V. Say Building, John M. Keynesplein 9, 1066 EP, Amsterdam, Netherlands, Notified Body Number 2797)

#### Minimum Attenuation

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	33.7	30.6	33.7	32.4	35.5	39.2	45.3
Standard Deviation (dB)	5.0	5.4	5.4	3.6	3.8	5.3	4.3
Assumed Protection (dB)	28.7	25.2	28.3	28.8	31.7	33.9	41.0

SNR (db) = 32dB      H84 (dB) = 33db      M84 (dB) = 30db      L84 (dB) = 28db  
SNRm = 35.5      Hs = 3.1      Ms = 3.3      Ls = 4.2  
SNRs = 3.2      Hm = 35.8      Mm = 33.0      Lm = 32.1  
NRR = 25dB

#### Recommendation

- Recommended shelf life is 3 years
- Sudden or fast removal of earplugs out of the ear canal may damage the ear drum
- Do not remove earplugs by pulling the interconnecting cord
- These earplugs should not be used where there is a risk that the connecting cord could be caught up during use
- Earplug material may affect the skin via irritation, skin disorders or allergic reactions within their lifetime. Every effort is made to ensure that the material which comes into contact with wearers' skin does not cause allergic reaction. A small minority of users may experience allergic reaction in rare cases. In the unlikely event of allergic reaction, discontinue use immediately and seek medical advice.

#### Warnings

- These are re-usable earplugs
- The earplugs are worn at all times in noisy surroundings
- The earplugs are fitted, adjusted and maintained in accordance with instructions by the manufacturer
- These are to be regularly inspected for serviceability
- If fitting instructions and the recommendations are not adhered to, the protection afforded by the earplugs will be severely impaired.

#### Statement

- This product may be adversely affected by certain chemical substance. Further information should be sought from the manufacturer in this case.

#### Storage

- Transport the earplugs with the original packaging. Store the ear plug in the original packaging without open before use and avoids direct sunlight. After use please follow the clean and disinfection instruction to maintain the earplugs. If the earplugs damage, please dispose following the local environmental regulations.

*\*No warranty is given or implied with respect to this information or patent infringement. Detectamet Ltd do not accept liability for loss or damage arising from the use of this information. Results are based on a test sample, our general experience and information from suppliers. Data and results may be confirmed by the buyer by testing for its intended conditions of use.\**

Safety You Detect

[detectamet.global](https://detectamet.global)

