

# Certificate

## **of EU type-examination** **No. UE/117/2019/1437, edition 2**

**Name of the product:**

*Ear-plugs*

**Type (varieties):**

*TP\_01*

**Name and address of the manufacturer:**

*Ton Institute Spółka z ograniczoną odpowiedzialnością spółka komandytowa  
ul. Grzybowska 2 lok. 29  
00-131 Warsaw  
Poland*

***The product meets the applicable essential health and safety requirements  
included in Regulation (EU) 2016/425 of the European Parliament and of the Council  
of 9 March 2016***

***Validity period: from 17 June 2019 to 23 April 2024***

Head of the Centre  
for Certification of Personal  
Protective and Working Equipment

*A. Stefko*  
Agnieszka Stefko M.Sc.(Eng.)

.....  
*signature of the certificate issuer's representative*

***Warsaw, date 17 June 2019***

*page 1 of 3*



**Product description:**

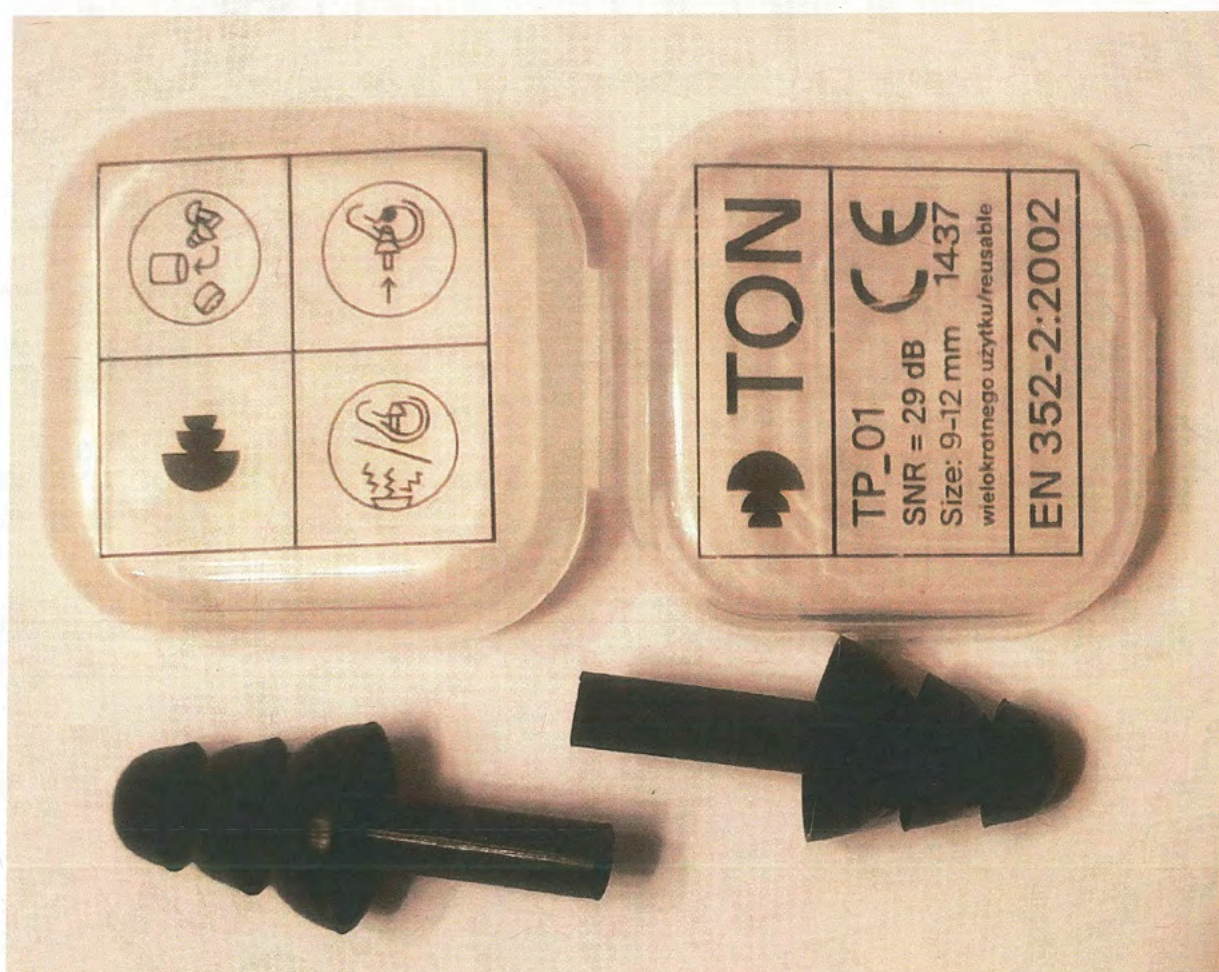
The TP\_01 reusable ear-plugs are made of black silicone. The ear-plugs consist of a core and three rings which decrease in diameter towards the top.

The ear-plugs are in yellow, red, black, blue, orange, green, purple, pink, brown, white, gold, silver and gray colour and transparent version.

Each pair of ear-plugs is packed in a box made of polypropylene.

The range of nominal diameters of the ear-plugs is 9-12 mm.

**Image:**





**Basic parameters:**

class, personal protective equipment category, performance level(s) or protection class of the product

Frequency, Hz	125	250	500	1000	2000	4000	8000
Mean Attenuation ( $M_p$ ), dB	27.7	28.5	31.1	29.1	32.9	40.8	43.5
Standard Deviation ( $s_p$ ), dB	6.3	5.5	7.4	4.9	3.1	7.1	4.0
APV ( $M_f - s_p$ ), dB	21.4	23.0	23.7	24.2	29.8	33.7	39.5

$H = 30$  dB,  $M = 26$  dB,  $L = 24$  dB,  $SNR = 29$  dB

**Identification of the submitted documentation:**

- application for EU type-examination No. 199/2019 dated 17.04.2019 and No. 258/2019 dated 10.06.2019
- agreement on EU type-examination and review the of EU type-examination certificate No. 62/2019/1437 dated 17.04.2019
- technical documentation of TP\_01 ear-plugs dated 15.04.2019 with changes dated 01.06.2019
- instructions for the user dated 12.04.2019
- declaration of harmlessness of the materials used dated 12.04.2019

**Product/product model supplied with the EU type-examination application is compliant with the technical documentation.**

**The product meets the requirements of harmonised standard/technical specifications:**  
EN 352-2:2002 "Hearing protectors. General requirements. Part 2: Ear-plugs"

**confirmed by tests performed by:**

CIOP-PIB, Department of Vibroacoustic Hazards, Warsaw, Poland

**report No.:**

110/PB/2019/NA dated 05.04.2019

**Marking:**

Packaging or the information for the user: name and address of the manufacturer TON INSTITUTE; model designation: TP\_01; information that the ear-plugs are reusable; EN 352-2:2002;  $SNR = 29$  dB; the nominal diameter designations: 9-12 mm; expiration date; serial number; instructions for fitting and use

**The certificate applies in conjunction with one of procedures of conformity assessment according to C2 module or D module pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016**

**NOTE 1:**

Every modification to the product and its technical documentation to which this certificate pertains should be notified to the Centre for Certification of Personal Protective and Working Equipment of the Central Institute for Labour Protection – National Research Institute.

This certificate shall be valid as long as the above harmonised standard may be applied as a basis for product examination.

**NOTE 2:**

Forging the content and the markings of the certificate or modifying them (including a photocopy or scan), or using such document as authentic is a crime under Article 270 § 1 of the Criminal Code.