

EU TYPE-EXAMINATION CERTIFICATE

0598/PPE/190643

Product Hearing protector

Model/Type 3M Peltor Optime I (H510A, H510AK, H510B, H510F)

Trade mark

Certificate Holder / Manufacturer 3M Svenska AB
Box 2341, SE-33102
Värnamo
Sweden

Standard(s) This product complies with the applicable essential health and safety requirements of Regulation (EU) 2016/425 and standard(s) mentioned below
EN 352-1:2002

Additional information Earmuff type hearing protector

This certificate shall be used in conjunction with conformity assessment procedure module C2 or D.

Validity This certificate is valid until 15 January 2025.
Certificate Issue 1. Certified since 16 January 2020.

Date of issue 16 January 2020

SGS Fimko Ltd

Signature



Anna Ruhala
Product Line Manager



Heli Koskinen
Senior Specialist

The full details of the assessment are given in Certification report No. 0598/PPE/190643/R.
SGS Fimko Ltd is a Notified Body (0598) according to the Personal Protective Equipment Regulation (EU) 2016/425.



Additional Information -

EU type-examination report

This EU type-examination report is for EU type-examination certificate No. 0598/PPE/190643, Issue 1.

1. Applicant

3M Svenska AB
Box 2341, SE-33102
Värnamo
Sweden

2. Description and identification of the product

Product name: 3M Peltor Optime I (H510A, H510AK, H510B, H510F)

Type: Earmuff type hearing protectors

Size range:	H510A-***-**	Meets small, medium and large size ranges
	H510AK-***-**	Meets small size range
	H510B-***-**	Meets small, medium and large size ranges
	H510F-***-**	Meets large size range

Description:	H510A-***-**	Ear muff with over-the-head headband (A)
	H510AK-***-**	Ear muff for kids with over-the-head headband (AK)
	H510B-***-**	Ear muff with behind-the-head headband (B)
	H510F-***-**	Ear muff with foldable over-the-head headband (F)

Models	H510A-401-GU
	H510A-402-GU
	H510A-402-OR
	H510A-470-GB
	H510AK-442-GB
	H510AK-442-RE
	H510AK-613-RD 949
	H510AK-613-BA 949
	H510F-404-GU
	H510F-459-GB
	H510B-403-GU
	H510B-471-GB

Manufacturer: 3M Svenska AB

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Notified Body 0598

SGS Fimko Ltd

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Business ID 0976538-5

Member of the SGS Group (SGS SA)

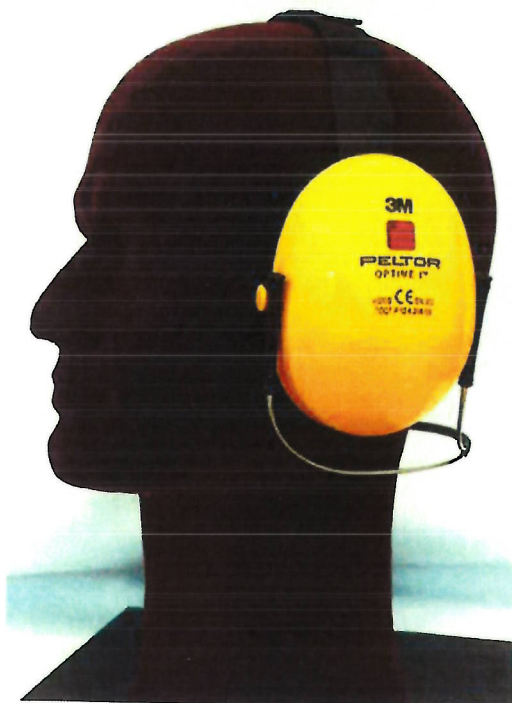
Pictures of the products:



Peltor Optime I H510A-401-GU



Peltor Optime I H510F-404-GU



Peltor Optime I H510B-403-GU



Peltor Optime I H510AK-442-RE

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3. Adequacy and validity of the technical documentation

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. The product has been tested in accordance with a harmonized European standard EN 352-1:2002 by accredited testing laboratories. The model of the product supplied by the applicant conforms to the technical documentation.

4. Compliance with essential health and safety requirements

The product and the technical documentation relating to it comply with the relevant essential health and safety requirements stated in the Regulation (EU) 2016/425 Annex II.

Note: Any modification in design, materials, or in the technical documentation, carried out on this type-examined product must be brought to the attention of SGS Fimko.

Appendix 1 Technical documentation
Appendix 2 Document history

End of EU type-examination report.

Technical documentation regarding EU type-examination report 0598/PPE/190643/R

Product name: 3M Peltor Optime I (H510A, H510AK, H510B, H510F)

Applicant: 3M Svenska AB

Item of technical documentation	Document identification	Assessment
1. Application for the EU type examination	2019-03-21, Nermin Jusufovic	
2. Product drawing, construction, and material list	Material List: BOM_H510A-401-GU rev.a.00, 2019-03-22 BOM_H510B-403-GU rev.a.01, 2014-03-17 BOM_H510F-404-GU rev.a.01, 2014-03-17 BOM_H510AK-442-GB rev.a.00, 2019-03-22 Optime I skus, 2019-06-28 Work instruction: P010446 rev.f, 2019-01-09 P010459 rev.f, 2019-01-09 P010460 rev.f.00, 2019-01-09 P030015 rev.e, 2019-01-09 P020333 rev.b, 2018-11-01 Assembly drawing: P010294 rev.b, 2017-06-22 P010298 rev.b, 2017-06-13 P010303 rev.b, 2017-06-13 P010294 rev.b, 2017-06-22	Products are identified and described, materials are specified.
3. Compliance with Regulation (EU) 2016/425 essential health and safety requirements	The compliance assessment is based on reports mentioned below items 3.1-3.7	
3.1. SGS Fimko assessment of essential health and safety requirements	2020-01-16	The applied harmonized standard EN 352-1:2002 supports the relevant requirements
3.2. Inspec test reports	01.12.30, for H510A earmuff, 2001-12-19 01.12.32, for H510F earmuff, 2001-12-19 03.08.41, for H510AK "Kids" and H510A "Adult" earmuffs, 2003-08-29 01.12.31A, for H510B earmuff, 2002-01-04	H510A fulfils the requirements of EN 352-1:1993 for size ranges S, M and L. Since the changes from EN 352-1:1993 to EN 352-1:2002 were small it can be concluded that H510A fulfils the requirements of EN 352-1:2002 for size ranges S, M and L also. H510F fulfils the requirements of EN 352-1:1993 for size ranges S, M and L. Since the changes from EN 352-1:1993 to EN 352-1:2002 were small it can be concluded that H510F fulfils the requirements of EN 352-1:2002 for size ranges S, M and L also. H510AK "Kids" fulfils the requirements of EN 352-1:2002 for size ranges S. H510B fulfils the requirements of EN 352-1:1993. Since the changes from

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Item of technical documentation	Document identification	Assessment
3.3. 3M test reports	AL-VMO-TR-2019-035 earmuff, 2019-10-17 AL-VMO-TR-2017-002 Peltor Kids with PVC tube produced in Wrocław	EN 352-1:1993 to EN 352-1:2002 were small it can be concluded that H510B fulfils the requirements of EN 352-1:2002 also, except for the sizing and adjustability which determined in test report AL-VMO-TR-2019-035 earmuff. H510B fulfils the requirements of sizing and adjustability in accordance with EN 352-1:2002 for size ranges S, M and L. The headband structure of Peltor Kid model has been changed. In the assembly the attachment has been changed from glue to shrink tubes, and the new version has been measured. The change is insignificant; thus, the results of the original product can be applied.
3.4. Draft information sheet	FP3030 REVE FP3024_SCREEN_d, 2019-07-08 FP3076_REVC Box layouts: H510A P100759 rev.a, 2010-11-29 H510B P100760 rev.a, 2010-11-29 H510F P100761 rev.a, 2010-11-29 H510AK FB4267 rev.a, 2011-06-23 Packing materials: P190145 rev a, 2019-03-22 P190220 rev a, 2019-03-22 P190210 rev a, 2019-03-15 P190212 rev a, 2019-02-15 P190104 rev a, 2019-02-25	Document meets the requirements of the PPE Regulation, and EN 352-2:2002. Manufacturer will update the Notified Body address and number to the user information.
3.5. Product markings	Draft markings: P010446 rev.f, 2019-01-09 P010459 rev.f, 2019-01-09 P010460 rev.f.00, 2019-01-09 P030015 rev.e, 2019-01-09	Markings meet the requirements of the PPE Regulation, and EN 352-1:2002. Manufacturer will update the Notified Body number to the product.
3.6. Risk assessment	P180104_rev_b, PPE risk assessment for 3M Peltor hearing protectors, 2018-03-07	Adequate
4. Description of the production quality system and related product control and test facilities	3M Svenska AB ISO 9001:2015, ISO 14001:2015 certificate No. 1000, valid until 2022-02-28 QC document_Peltor Kid_RSFPeltor-Earmuffs-Kids_1a, 2018-10-25 QC document_Optime_RSFEarmuffs_8, 2017-03-29	Agreement with SGS Fimko on the EU quality control system for the quality of production, module D (PPE category III products).

Document history of EU type-examination certificate 0598/PPE/190643 and report 0598/PPE/190643/R

2020-01-16 EU type-examination certificate 0598/PPE/190643, Issue 1

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