

AURORA LT

Versatile & efficient earmuff



Aurora LT is an efficient dielectric earmuff. It offers ideal protection against noise from a wide range of applications in the workplace. Adjustable three-position headband enables use in over the head, under-the-chin and behind-the-neck positions.

FEATURES

- Economic choice
- No metal parts. Safe to use close to high voltage
- Adjustable three-position headband. Can be used in over-the-head, under-the-chin and behind-the-neck positions.
- Durable construction
- Soft replaceable ear cushions

APPLICATIONS – In many industries where damaging noise is present such as:

- Textile industry
- Woodworking
- Metal industry
- Automotive
- Powerplants
- Printing

Available in following colors:

 Red, Art.no 5701000



BEL II

Versatile extremely light weighted earmuff



Bel II characterised by its extremely light weight and versatility. It is an all-plastic fully dielectric hearing protector. The structure of cup and headband enable a rotation of 360°. Bel II is an economical choice in which wearer comfort and durability are perfectly combined.

FEATURES

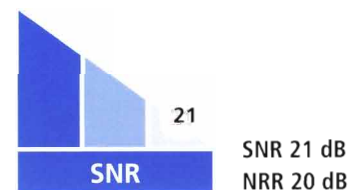
- Light weighted
- Head strap allows use behind the head and under the chin
- Completely dielectric
- Economic choice

APPLICATIONS – In leisure activities and many industries where moderate noise is present such as:

- Textile industry
- Workshops
- Leisure activities
- Fits also for children

Available in following colors:

 Red, Art.no 8401000



AURORA LT		H = 35 dB		M = 28 dB		L = 20 dB		SNR = 31 dB		NRR = 24 dB	
Weight: 231 g Headband force: 13,5 N	Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	SLC _{iso} = 31 dB
	Mean (dB)	16,6	20,2	28,9	36,3	37,3	40,3	39,0	41,6	40,4	
	St. dev (dB)	2,1	2,5	2,7	2,7	4,4	3,4	2,8	3,1	2,7	
	Apv (84%)	14,4	17,8	26,1	33,6	32,9	36,9	36,2	38,5	37,6	
		Class = 5									

BEL II		H = 25 dB		M = 18 dB		L = 12 dB		SNR = 21 dB		NRR = 20 dB	
Weight: 114 g Headband force: 9,6 N	Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	
	Mean (dB)	9,4	10,5	22	21,7	29,5	35,2	35,8	33,4	32,1	
	St. dev (dB)	3,2	2,2	2,3	2,6	4,5	3,2	3,4	4,4	5,1	
	Apv (84%)	6,2	8,3	19,7	19,1	25	32	32,4	29	27	

ایمن بائونی، آتش نشانی، ابزار دقیق، کالیراسیون تلفن و رادیو، کالیراسیون تلفن و رادیو، کالیراسیون تلفن و رادیو



The Aurora LT is a versatile and efficient dielectric earmuff with a 360° rotating headband. The adjustable three-position headband enables the usage with other safety equipment.

FEATURES

- Slim design
- Durable construction
- Head strap allows the use behind the head and under the chin
- Headband rotation of 360 degrees
- All-Plastic construction – Safe to use in high voltage environments
- Colors: Red

SNR 31 dB
NRR 24 dB

ATTENUATION VALUES	H = 35 db		M = 28 db		L = 20 db		SNR = 31 db		
Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation (dB)	13.2	15.0	26.8	32.9	35.0	39.3	36.6	36.0	34.9
Std. Deviation	2.5	1.5	3.8	3.2	4.6	1.6	4.8	4.5	4.2
APV-arvd (84%)	10.7	13.5	23.0	29.7	30.4	37.7	31.8	31.5	30.7

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ایمان‌باش، آتش نشانی، ابزار دقیق، کالیبراسیون: ۰۲۱-۶۶۹۶۵۱۱۱



The SILENTA Bel II is an extremely light-weight, all-plastic hearing protector with a 360 ° rotating headband. The all-plastic construction makes the Bel II di-electric and safe to use in high voltage environments and the rotating headband allows the user to combine it with other safety equipment. Its durability, versatility, wearing comfort and a prize-winning design makes the Bel II a true allrounder.

FEATURES

- Light and durable construction
- Slim line and ergonomic design
- Head strap allows the use behind the head and under the chin
- Headband rotation of 360 degrees
- All-Plastic construction – Safe to use in high voltage environments
- Weight only 114 g, 4.0 oz
- Color: Red
- Nato Stock Number 4240-58-000-0715

SNR 21 dB
NRR 20 dB

ATTENUATION VALUES	H = 25 db		M = 18 db		L = 12 db		SNR = 21 db		
Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation (dB)	9.4	10.5	22.0	21.7	29.5	35.2	35.8	33.4	32.1
Std. Deviation	3.2	2.2	2.3	2.6	4.5	3.2	3.4	4.4	5.1
APV-value (84%)	6.2	8.3	19.7	19.1	25.0	32.0	32.4	29.0	27.0

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FIOH

Finnish Institute of Occupational Health

notified by the Ministry of Labour and identified under 0403
grants

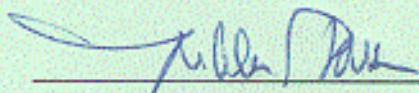
EC TYPE EXAMINATION CERTIFICATE

No. 94035S07

for
hearing protector
Silenta Bel II
Oy Silenta Ltd
Vihtavuori

This product complies with Directive 89/686/EEC

Vantaa, 16th May, 1994


Jukka Starck
Head of the Department


Anne Paakkari
Chief of Office

1. Applicant

Oy Silenta Ltd
Länsiväylä 7
FIN-40630 Jyväskylä
Finland

2. Description and identification of the product

Type: Ear muff
Name: Silenta Bel II
Manufacturer: Silenta Ltd

3. Adequacy and validity of the technical documentation

This document is English version of the original document 94035S06. 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 harmonized European standards EN352-1 1993 by accredited testing methods. The model of the product supplied by the applicant conforms with the technical documentation.

4. Compliance with basic health and safety requirements

The product complies with the relevant basic health and safety requirements stated in Directive 89/686/EEC as amended by 93/95/EEC, 93/68/EEC and 96/58/EC.

5. Summary

The product and the technical documentation relating to it comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC.

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 FIOH.

Appendix 1. Technical documentation

End of EC type examination certificate no. 94035S07.

**Technical documentation regarding EC type examination certificate
94035E07**

Product name: Silenta Bel II

Applicant: Silenta Ltd

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	Dated 26.5.1994	OK
2. Draft EC declaration of conformity	Dated 16.2.98	OK
3. Product drawing, construction, and material list	759152-1 /8.87	OK
4. Compliance with Directive 89/686/EEC relevant basic requirements		See 4.2
4.1 FIOH assessment of relevant Directive basic requirements		
4.1 Applicant's report on applied basic requirements		
4.2 FIOH test report	93117T01	OK
4.3 Draft information sheet	Dated 30.5.94	OK
4.4 Product markings		
5. Description of the production quality system and related product control and test facilities	IS= 9001 certificate dated 1992-10-22 Quality inspections of the product dated 25.5.1994, and 26.10.1992	OK
6. Additional documentation		