SONIS® OVER MOULDED HEADBAND EAR DEFENDER

EAR DEFENDERS AVAILABLE IN 4 MODELS: SONIS®1, SONIS®2,SONIS®C, SONIS®3

TECHNICAL SPECIFICATION

HEARING PROTECTION

INSTRUCTIONS FOR USE

Pull the cups to the maximum extent of the headband.

Place the headband on top of the head and apply pressure to the headband to keep it in place.

Slide each cup upwards until the cushion encloses the ear and the seal is not broken by the ear.



MATERIALS

ABS Cups

Foam/PET combination cushions

Stainless steel wire

TPE headband moulding

LIMITATIONS OF USE

Protection will only be offered if the ear defender is fitted correctly

Ear pads may deteriorate with use and should be examined at frequent intervals

Do not apply paint, solvents, adhesives or self-adhesive labels , except in accordance with instructions from the manufacturer

The ear pads, when in contact with the skin may cause allergic reactions to susceptible individuals

If this occurs leave the hazard area, remove the ear defender and seek medical advice

If the ear defender is to be worn for long periods the noise level must be reduced to 80dB

Before selection of a suitable ear defender a noise survey should be carried out

Spectacle frames and hair between the ear pads and the head may affect the performance of the ear defender

Hearing Protection should be used in accordance with the local legislation in force at time of use

SONIS® FEATURES & BENEFITS

Comfortable: Overmoulded headband has a built-in comfort area with ventilation.

Hygienic: Hygiene kits are available for each model and the TPE headband is easy to wipe clean.

Colour coding: The Sonis® ear defenders range has been designed with a colour code system for simple selection.

DIMENSIONS OF EAR DEFENDERS

Sonis®1:

Depth: 100mm

Width: 130mm

Height: 186mm

Weight: 290g (Approx.)

Sonis®2:

Depth: 100mm

Width: 135mm

Height: 186mm

Weight: 300g (Approx.)

Sonis®C

Depth: 100mm

Width: 130mm

Height: 186mm

Weight: 310g (Approx.)

Sonis®3

Depth: 100mm

Width: 170mm

Height: 193mm

Weight: 320g (Approx.)



CONFORMITY

Conforms to EN 352-1:2002

EC Certificate Number 662532

Kitemark Number KM 662534

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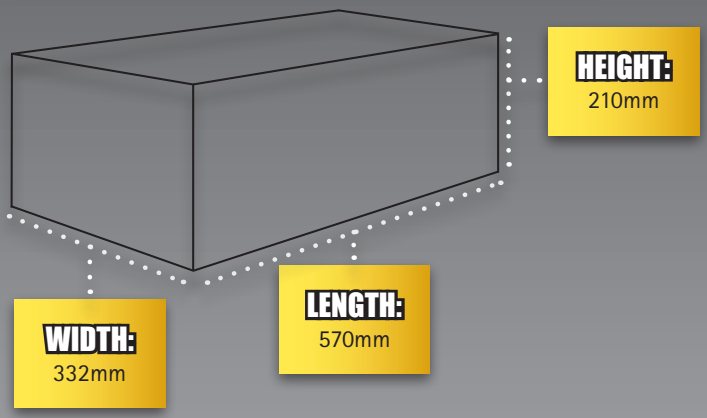
HEARING PROTECTION

DIMENSIONS OF OUTER PACKAGING

Sonis®1, Sonis®2, Sonis®C:

Quantity: 10

Weight: 3.7kg (Approx.)

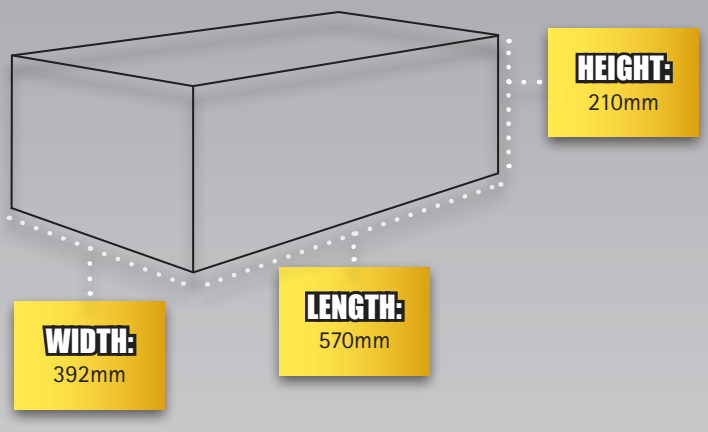


DIMENSIONS OF OUTER PACKAGING

Sonis®3:

Quantity: 10

Weight: 5.2kg (Approx.)



CLEANING & MAINTENANCE

Clean with soap and warm water and dry with a soft cloth

Do not use chemical or abrasive cleaners

Store out of direct sunlight, away from chemicals and not exposed to extremes of temperature

PERFORMANCE

SONIS®1 EAR DEFENDERS

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	13.9	13.1	15.4	25.5	31.9	32.8	35.4	36.9
Standard Deviation (dB)	3.7	1.9	2.4	2.1	3.8	3.7	2.7	3.1
Assumed Protection (dB)	10.2	11.2	13.0	23.4	28.1	29.0	32.7	33.8
	H=31		M=24		L=16		SNR=27	

SONIS®2 EAR DEFENDERS

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.8	16.9	20.4	30.5	39.4	35.0	38.3	36.9
Standard Deviation (dB)	3.3	1.8	2.7	1.9	4.2	3.3	3.4	3.3
Assumed Protection (dB)	14.4	15.1	17.7	28.6	35.1	31.7	34.8	33.5
	H=34		M=29		L=21		SNR=31	

SONIS®C EAR DEFENDERS

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18.0	18.4	20.4	28.8	40.0	36.3	42.4	43.1
Standard Deviation (dB)	3.3	2.2	1.8	1.6	2.9	4.4	2.2	3.4
Assumed Protection (dB)	14.7	16.2	18.6	27.1	37.1	31.8	40.2	39.7
	H=35		M=29		L=21		SNR=32	

SONIS®3 EAR DEFENDERS

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	21.5	22.1	28.4	38.8	45.0	40.3	39.5	40.6
Standard Deviation (dB)	3.4	2.5	2.0	2.3	4.9	3.6	3.3	2.7
Assumed Protection (dB)	18.1	19.7	26.4	36.5	40.1	36.7	36.2	37.9
	H=37		M=35		L=27		SNR=37	