

TECHNICAL SPECIFICATION

HEARING PROTECTION

SONIS® FEATURES & BENEFITS

Visibility: Increased colleague awareness with extra visibility headband and cups

Hygienic: Hygiene kits are available for each model.

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: 145mm

Height: 193mm

Weight: 222g (Approx.)

Sonis®2:

Depth: 100mm

Width: 135mm

Height: 186mm

Weight: 264g (Approx.)

Sonis®C

Depth: 100mm

Width: 130mm

Height: 186mm

Weight: 241g (Approx.)

Sonis®3

Depth: 100mm

Width: 170mm

Height: 193mm

Weight: 368g (Approx.)

CONFORMITY

Conforms to EN 352-1:2002

EC Certificate Number 662532

Kitemark Number KM 662534

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

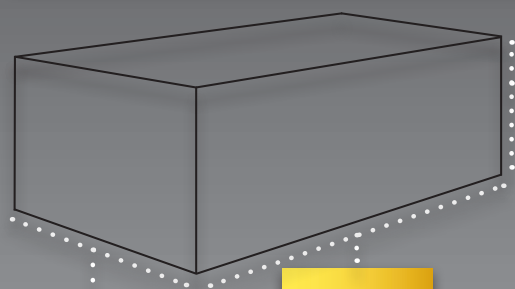
Hearing Protection should be used in accordance with the local legislation in force at time of use

DIMENSIONS OF OUTER PACKAGING

Sonis®1, Sonis®2, Sonis®C:

Quantity: 10

Weight: 3.7kg (Approx.)



HEIGHT:
215mm

WIDTH:
330mm

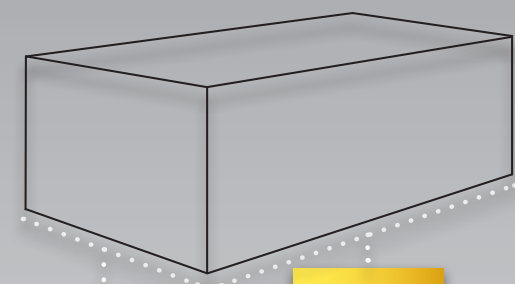
LENGTH:
570mm

DIMENSIONS OF OUTER PACKAGING

Sonis®3:

Quantity: 10

Weight: 9.7kg (Approx.)



HEIGHT:
450mm

WIDTH:
430mm

LENGTH:
585mm

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	