

# TECHNICAL DATA SHEET

## SCALA XI EAR DEFENDERS



### DESCRIPTION

Helmet Mounted ear defender system to complement all Centurion safety helmets. Excellent noise protection, especially for high frequencies.

### SPECIFICATION

	Code	Connection Clip	To fit Accessory Slot	For use with
Product Codes and Options	S72CE	S570 & S565	Euro, Connect & Combi	Euro clips (S565) fit all helmets except Vulcan and Reduced Peak 1125. Connect clips (S570) fit all helmets except Nexus and Vision Plus Also compatible with Contour Face Protection (clips provided with Contour Carrier)
Weight	271gm (pair)			

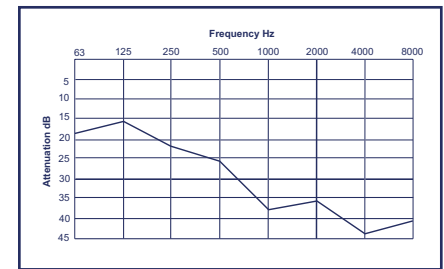


### MATERIALS

Cup	ABS (Acrylonitrile-Butadiene-Styrene)
Foam	Open cell foam
Cushion	Foam filled PVC

### ACCESSORIES

Hygiene Kit	S74
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### EUROPEAN STANDARD

Product	EN 352-3:2002 Hearing protectors. Safety requirements and testing. Ear-muffs attached to an industrial helmet.
S72CE	✓

### ATTENUATION

	Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18.1	16.6	21.8	25.6	37.5	35.6	44.0	41.6
Standard Deviation	3.3	3.5	2.9	3.8	2.6	2.9	6.6	7.2
Assumed Protection	14.8	13.0	18.9	21.8	34.9	32.7	37.4	34.4
	H	M	L	SNR	SNR = Single Number Rating. H, M & L = High, Medium and Low frequencies			
	34dB	27dB	20dB	30dB				

The Scala XI Ear Defenders in conjunction with the Nexus safety helmet can be used in explosive atmospheres as it provides anti static protection according to IEC 60079-32-2:2015 Electrostatics hazards tests.

Product	Gas Zone 0			Gas Zone 1			Gas Zone 2			Dust Zone 20			Dust Zone 21			Dust Zone 22		
	IIA	IIB	IIC	IIA	IIB	IIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC
Nexus Core, Nexus SecurePlus or Nexus Heightmaster with Scala XI Ear Defenders (S72CE) and/or S55 Visor carrier and S810 Polycarbonate clear screen				✓			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓

## PACKAGING AND MAINTENANCE

Packaging	10 per box, box size 48 x 29.6 x 16.6cm. Box weight 3.8kg
Storage	Can be stored and transported in their original cartons at an ambient temperature (0°C to + 30°C) May be stored in the dark for up to 5 years Do not store in direct/high heat or sunlight as this may distort the shell
Lifetime	The Centurion ear defender has an in-use life of up to 5 years Excessive wear and tear can considerably reduce the lifespan of the product
Cleaning	Clean using warm soapy water and soft cloth. Care must be taken to avoid scratching. Do not use solvents or abrasives
Disposal	Recycling is preferred when possible. Look out for the recycling symbol for material category