

HFPR950



# Sonic

CLASS 5, 32dB



## Features

- ▲ Class 5, 32dB for high noise applications
- ▲ Hi-vis cups provide increased visibility for additional safety
- ▲ Padded comfort headband with hi-vis trim
- ▲ Adjustable cup heights for a personalised fit
- ▲ Stainless steel wire for robustness and extended product life
- ▲ Low clamp force for extended wear

## Standards & Certification

Force360 recognise that without product certification by a Notified Body all product performance testing, and adherence to standards claims cannot be independently verified. If they are not as claimed, serious safety implications for the wearer, and legal implications for the supplier and even the employer may arise.

Force360 source their entire range of hearing protection from a single manufacturing partner to ensure consistency and reliability of product, but most importantly Force360 have taken the further step of engaging a globally recognised Notified Body to audit and certify both the manufacturing process and the products.

All of Force360's hearing protection is certified to the latest AS/NZS hearing protection standards.

## Specifications

<b>Part No.</b>	HFPR950
<b>Colour</b>	Green / Black
<b>SLC<sub>80</sub></b>	Class 5, 32dB
<b>Clamp Force</b>	11 Newtons

## Packaging

 **1 Earmuff**

 **10 Earmuffs**



## HFPR950

### Attenuation Data

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation	20.1	21.0	31.8	38.7	38.2	37.3	38.0
Standard Deviation	2.8	2.1	3.2	4.8	4.1	3.2	2.6
Mean-Minus-Standard Deviation	17.3	18.9	28.6	33.9	34.1	34.1	35.4

### SLC80 (Sound Level Conversion)

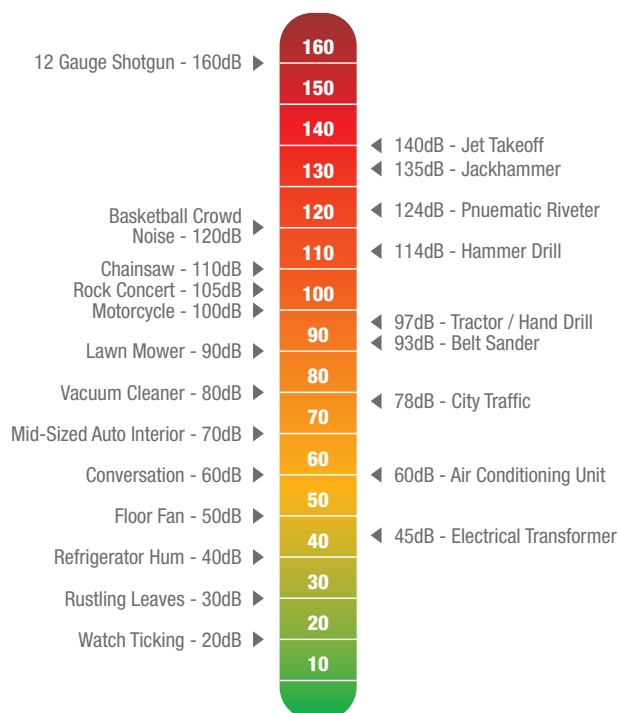
A SLC80 (Sound Level Conversion) rating is engaged to convert the difference between the sound level of the environment in which the hearing protection is worn and the sound level reaching the wearer's ears. Under the standard people should not be exposed to sound above 85dB for more than an 8 hour period. A noise survey is then conducted and the table to the right can be used to select the appropriate Class of hearing protection required.

**Level achieved by HFPR950 - Class 5, 32dB**

Class	SLC <sub>80</sub> dB	Noise Survey Result
1	10-13	Less than 90dB (A)
2	14-17	90dB to less than 95dB (A)
3	18-21	95dB to less than 100dB (A)
4	22-25	100dB to less than 105dB (A)
5	26+	105dB to less than 110dB (A)

### Understanding Sound Levels

#### Home Scale (dB)



#### Work Scale (dB)

