HWRX900

Base1

CLASS 5, 29dB

DESIGNED TO PROTECT FORCE 360

Features

- Class 5, 29dB for medium to high noise applications
- Height adjustable low profile cups
- Padded ribbed headband for air circulation and comfort
- 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.

Certified Product™
Australian Standard
AS/NZS 1270:2002
Lic.SMK40540

Specifications

Part No.	HWRX900
Colour	Blue / Black
SLC_{80}	Class 5, 29dB
Clamp Force	11 Newtons

Packaging

1 Earmuff

10 Earmuffs

HWRX900

Attenuation Data

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation	13.0	17.0	25.5	37.2	35.3	40.1	41.4
Standard Deviation	3.1	2.1	2.2	3.3	2.8	3.4	4.4
Mean-Minus-Standard Deviation	9.9	14.9	23.3	33.9	32.5	36.7	37.0

SLC80 (Sound Level Conversion)

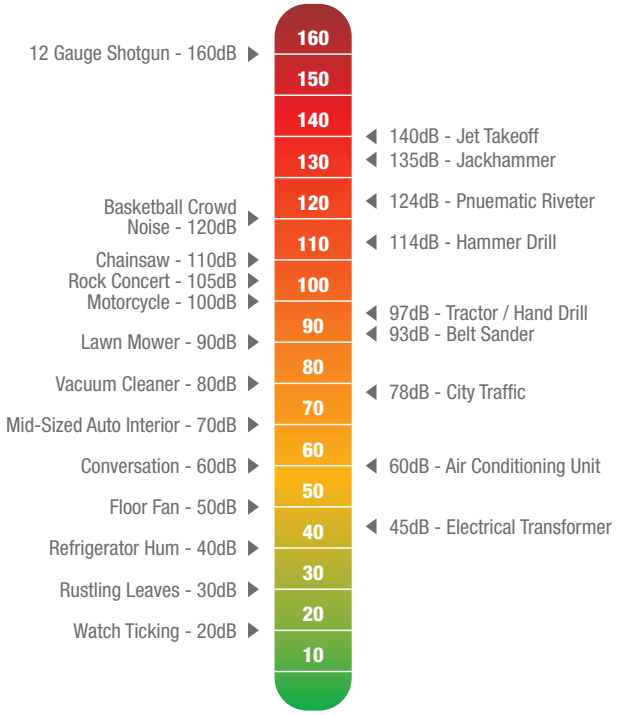
A SLC80 (Sound Level Conversion) rating is engaged to convert the difference between the sound level of the environment in which the hearing protection is worn and the sound level reaching the wearer's ears. Under the standard people should not be exposed to sound above 85dB for more than an 8 hour period. 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 HWRX900 - Class 5, 29dB

Class	SLC_{80} 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)