

# VERISHIELD™ VS120D PASSIVE EARMUFF

## OVERVIEW

Product Type	Hearing Protection
Range	Earmuffs
Line	Passive Protection
Product Use	Dielectric Earmuff
Brand	Howard Leight by Honeywell
Industry	Agriculture • Chemical • Construction • Fire Protection • Forestry • Government • Law Enforcement • Manufacturing • Medical • Military • Mining • Municipal Services • Oil and Gas • Pharmaceutical • Steel and Metals • Transportation • Utilities • Welding



Product Number: 1035191-VS

## FEATURES AND BENEFITS

### Features

- Large dimension range
- Lightweight headband
- Memory foam ear cushions
- ABS molded cups
- Air Flow Control Technology featuring a baseplate chamber and high-tech non-woven layer
- Robust construction
- Wide cup opening
- Clearly-marked attenuation rating

### Benefits

- Comfortably fits a wide range of head sizes. 17% more adjustable than earlier versions.
- Padded headband designed for the right fit around the ear
- New unique memory foam for greater comfort and attenuation
- An oil-resistant cup surface to withstand oily, heavy-work environments and frequent cleaning
- ABS molded cups with internal baffle design for lighter weight: patent
- Air Flow Control Technology: Honeywell's Air Flow Control technology controls how sound reaches the ear, ensuring optimum noise attenuation across all frequencies
- Reduces squeezing pressure on the head and enhances comfort
- Ideal for workers with larger ears or who wear hearing aids. Opening area of the cup increased by 16% over earlier versions
- Attenuation rating: the attenuation level of each style is marked on the earmuff cup: for quick and easy on-site identification of the level of hearing protection provided.
- Model range available in headband, hi/vis, helmet, folding and behind the neck (multi-position) options

**TECHNICAL DESCRIPTION**

SNR (DB)	33	BATTERIES NEEDED	None
H (DB)	36	HEADBAND STYLE	Dielectric Headband
M (DB)	31	SOUND AMPLIFICATION	No
L (DB)	24	AM/FM RADIO	No
EARMUFF CONSTRUCTION	Dielectric Earmuff	AUDIO INPUT JACK	No
DIELECTRIC	Yes	HI-VISIBILITY	No
COLOR	Black		

**ATTENUATION DATA ACCORDING TO EN 352-1: 2020**

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	22.0	19.4	24.7	30.7	38.4	36.7	39.0	37.1
Standard Deviation (dB)	3.2	3.0	2.3	2.7	3.2	2.5	2.8	2.9
Assumed Protection (dB)	18.7	16.4	22.4	28.0	35.2	34.2	36.3	34.3

SNR <sub>m</sub> =	34.7	H <sub>m</sub> =	37.5	H <sub>s</sub> =	1.9
SNR <sub>s</sub> =	1.5	M <sub>m</sub> =	32.9	M <sub>s</sub> =	1.8
SNR =	33	L <sub>m</sub> =	26.2	L <sub>s</sub> =	2.2

**For more Information**

[automation.honeywell.com](http://automation.honeywell.com)

**For Information on Innovations and Patents**

[hsmrats.com](http://hsmrats.com)

**Honeywell Safety Products UK LTD**

Honeywell House, Skimped Hill Lane,  
 Bracknell, Berkshire RG12 1EB  
 United Kingdom  
 Phone: +44 (0) 1256 274938  
 Email: [info-uk.hsp@honeywell.com](mailto:info-uk.hsp@honeywell.com)  
[www.honeywell.com](http://www.honeywell.com)