

Supporting a national charity

Arlington Laboratories is part of Mary Hare Hearing Services. It's a joint venture company part owned by the Mary Hare Charity.

Due to this unique partnership, 50% of all our profits go towards Mary Hare School. So by choosing us you're actively supporting a charity for profoundly deaf children and young people.

50% of our profits go to
Mary Hare School for
the deaf



Custom solutions
for musicians and
music lovers



To find out more go to www.maryhare.org.uk

Arlington Laboratories Limited

Greenham Lodge, Pigeons Farm Road,
Thatcham, Berkshire, RG19 8XA

Tel: 01635 569346

Email: info@arlingtonlabs.co.uk

Web: www.arlingtonlabs.co.uk

Find us on   



Enhanced
sound quality
and safety



Performer and Protector - musicians filtered custom earmoulds

Musicians filtered custom earmoulds use flat-response attenuators, so that sound heard through the filters has the same quality as the original sound, just quieter.

Musicians filtered custom earmoulds attenuate sound across all frequencies rather than just low-range and mid-range frequencies, making music more clear and natural sounding. Unlike traditional earplugs which introduce a frequency bias, our musicians filtered custom earmoulds are designed using soft silicone to protect your hearing, while delivering clear sound across all frequencies — available with 10, 15, 25 or 30 interchangeable filters.

The Protector range have a handle for easy removal.

Performer and Protector are available with the following filters:

10 - Suitable for use under light noise exposure, such as vocalists and acoustic guitar or string players.

15 - For use under medium noise exposure, ideal for most musicians.

25 - Suitable for heavy noise conditions, e.g. heavily amplified instruments, percussion or bass players.

30 - Suitable for drummers.



Performer

Protector

Attenuation Data Performer/Protector

		Frequency Hz	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	FILTER	10*	15.9	14.1	13.0	12.9	12.8	14.5	19.1
		15**	19.1	17.6	17.4	18.9	15.5	16.3	16.2
		25**	24.1	24.8	23.5	24.9	25.6	21.9	33.2
		30**	29.4	28.4	28.3	28.1	31.2	25.7	40.8
Standard Deviation dB	FILTER	10*	4.9	3.3	4.3	3.5	4.7	3.4	4.8
		15**	4.9	3.4	3.7	3.2	3.3	3.3	4.8
		25**	4.0	3.7	3.6	4.1	3.7	2.8	4.2
		30**	4.8	5.4	6.4	5.7	4.6	4.5	5.7
Assumed Protection (APV) dB	FILTER	10*	11.0	10.8	8.7*	9.4*	8.1*	11.1*	14.3
		15**	14.2	14.2	13.7	15.7	12.2	13.0	16.2
		25**	20.1	21.1	19.9	20.8	21.9	19.1	29.0
		30**	24.6	23.0	21.9	22.4	26.6	21.2	35.1

Summary Data Performer/Protector

		SNR-(Value dB)	H-(Value dB)	M-(Value dB)	L-(Value dB)
Performer Protector	FILTER	10	11	10	9
		15	15	13	14
		25	23	21	21
		30	25	24	23

*When inserting the filter 10 into a custom mould the requirement for minimum sound attenuation according to EN 352:2 is not fulfilled.

** Performer/Protector is certified in accordance with Regulation (EU) 2016/425 to EN352:2 by PZT GmbH, Bismarckstrasse 2648, D-26389 Wilhelmshaven, Germany (EU-ID:1974).

Custom headphone tips

Our custom fitted headphone tips are compatible with most in-ear style headphone - pushing onto the earbud.

They provide excellent comfort, reduce background noise and give great sound fidelity to the listener. Made from soft silicone, they're available in a wide range of colours.

