

EU TYPE EXAMINATION CERTIFICATE

Product Assessments: Supreme Pro-X neckband

The product assessments were based on the following standards:

EN 352-1:2020, hearing protectors - ear-muffs

EN 352-4:2020, hearing protectors - level-dependent ear-muffs

EN 352-6:2020, hearing protectors - ear-muffs with safety related audio input

EN 352-1:2020 - Attenuation values PVC Cushions all models



No. CE 708669

ATTENUATION DATA

Foam sealing rings

	H		M		L		SNR	
	25 dB		21 dB		16 dB		24 dB	
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	14.9	14.3	14.8	22.9	26.6	25.4	35.5	35.3
Standard Deviation, s_f (dB)	3.8	3.3	2.9	2.8	3.3	3.1	3.5	3.6
APV ($M_f - s_f$) (dB)	11.2	11.0	11.9	20.1	23.3	22.3	31.9	31.7

Gel sealing rings (accessorie)

	H		M		L		SNR	
	26 dB		23 dB		19 dB		25 dB	
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	17.0	16.9	20.0	23.9	26.7	26.6	35.5	38.0
Standard Deviation, s_f (dB)	4.5	3.3	3.1	3.8	3.3	3.1	4.5	4.9
APV ($M_f - s_f$) (dB)	12.4	13.7	16.9	20.1	23.4	23.5	31.0	33.1

Criterion Levels (dB(A))

Model	H	M	L
Neckband version	112	105	94

Earmuff Sizes

Model	Approved sizes
Headband version	S, M, L

ATTENUATION DATA ANSI S3.19-1974

Foam sealing rings

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	13.9	17.3	23.6	26.5	25.0	31.4	35.8	36.8	35.6
Standard deviation dB(A)	3.6	2.3	2.4	2.9	2.1	3.5	3.5	3.2	3.5

Gel sealing rings (accessorie)

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	14.9	17.1	23.7	28.2	27.6	35.8	38.6	39.6	38.7
Standard deviation dB(A)	3.5	3.0	2.0	3.2	3.3	3.0	3.5	2.7	3.6