

HEADBAND

ATTENUATION DATA (ANSI S3.19-1974)

Memory foam cushions

CSA CLASS = **B** WEIGHT = **309 g**

NRR
23 dB

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	17	20.6	25.4	33.2	33.0	39.8	43.2	43.2	41.5
Standard deviation dB(A)	1.5	3.3	1.5	2.6	3.1	3.2	2.4	3.2	3.2

Silicone gel cushions

CSA CLASS = **B** WEIGHT = **367 g**

NRR
23 dB

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	16.9	19.3	23.8	30.9	30.6	38.4	40.9	42.2	39.6
Standard deviation dB(A)	3.0	1.7	2.0	2.0	2.3	3.1	3.3	2.6	2.6

Dual protection - Memory foam cushions

(and Sordin SoftEar ear plug (M/L))

CSA CLASS = **AL** WEIGHT = **309 g**

NRR
35 dB

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	36.7	44.2	55.7	42.4	41.2	46.8	50.6	48.7	48.5
Standard deviation dB(A)	4.3	4.1	2.1	3.8	3.6	3.2	3.8	2.1	3.7

Dual protection - Silicone gel cushions

(and Sordin SoftEar ear plug (M/L))

CSA CLASS = **AL** WEIGHT = **367 g**

NRR
35 dB

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	40.3	48.7	55.2	44.7	40.0	47.3	48.9	48.3	46.6
Standard deviation dB(A)	3.5	2.9	3.7	3.8	3.4	3.2	3.6	3.6	3.7

PEAK IMPULSE NOISE REDUCTION (ANSI S12.42-2010)

Memory foam cushions

Impulse peak level (dB)	130	150	168
Impulse peak insertion loss (dB)	29.4	36.5	34.4

Silicone gel cushions

Impulse peak level (dB)	130	150	168
Impulse peak insertion loss (dB)	26.9	33.4	34.2

Caution!

As there can be a large variation in fit and fit ability between users, which may affect noise attenuation, Sordin cannot guarantee that the specified attenuation values will be achieved for all users and in all situations.