



Manufactured by Sordin
Sordin AB, Rörläggvägen 8
SE-331 53 Värnamo
SWEDEN
+46-370-69 35 50
info@sordin.com
www.sordin.com



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SORDIN

SoftEar™

Disposable earplugs

Size (M/L)= 5-11 mm
Size (S/M)= 5-12 mm

EMBRACE NOISE

Sordin SoftEar™ Disposable foam earplug (M/L): Size = 5-11 mm*

Tested according to European Standard EN 352-2:2020 Notified body, module B certification No. 0121:

Institute for Occupational Safety and Health (IFA), Alte Heerstr. 111, 53757 Sankt Augustin, Germany

Attenuation data

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation, dB	35.3	38.4	39.3	40.8	38.9	37.8	45.9	45.1
Standard Deviation, dB	4.2	6.3	5.3	5.5	5.5	4.3	3.9	4.6
Assumed Protection in dB (APV)	31.1	32.1	34.0	35.3	33.4	33.5	42.0	40.5

Tested according to Australian Standard AS/NZS 1270:2002

Attenuation data Class 5 SLC₈: 26 dB

Frequency Hz	125	250	500	1000	2000	4000	8000
Mean Attenuation, dB	26.0	28.2	28.7	29.0	34.6	39.5	42.3
Standard Deviation, dB	28.9	9.6	8.8	6.7	4.6	6.0	8.6
Mean-minus-Standard Deviation, dB	17.7	18.6	20.0	22.3	30.1	33.5	33.7

Hearing protector class 5 tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 110 dB(A) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class.

Tested according to American Standard ANSI S3.19-1974

Attenuation data Class 5 NRR: 32 dB

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Grand Mean Attenuation, dB	39.9	41.8	42.3	38.2	35.6	42.1	43.9	46.8	47.1
Standard Deviation, dB	4.2	4.4	3.7	2.4	2.2	2.3	2.8	4.1	3.2
Assumed Protection in dB (APV)	25.5	25.8	28.2	28.4	29.6	32.0	36.9	41.4	

Tested according to Australian Standard AS/NZS 1270:2002

Attenuation data Class 4 SLC₈: 22 dB

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation, dB	20.7	20.1	23.5	24.6	29.6	36.2	36.2	36.2	
Standard Deviation, dB	7.8	7.8	7.9	5.1	5.3	5.5	6.5		
Mean-minus-Standard Deviation, dB	12.9	12.2	15.6	19.5	24.3	30.6	29.6		

Hearing protector class 4 tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 105 dB(A) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class.

Tested according to American Standard ANSI S3.19-1974

Attenuation data Canada Class A(L) NRR: 30 dB

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Grand Mean Attenuation, dB	33.2	36.6	38.8	36.6	37.5	41.2	42.0	47.7	49.1
Standard Deviation, dB	4.1	5.2	4.8	3.3	3.2	2.5	3.7	3.4	4.2
Assumed Protection in dB (APV)									

Tested according to Australian Standard AS/NZS 1270:2002

Attenuation data Class 4 SLC₈: 22 dB

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation, dB	20.7	20.1	23.5	24.6	29.6	36.2	36.2	36.2	
Standard Deviation, dB	7.8	7.8	7.9	5.1	5.3	5.5	6.5		
Mean-minus-Standard Deviation, dB	12.9	12.2	15.6	19.5	24.3	30.6	29.6		

Hearing protector class 4 tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 105 dB(A) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class.

Tested according to American Standard ANSI S3.19-1974

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Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Grand Mean Attenuation, dB	33.2	36.6	38.8	36.6	37.5	41.2	42.0	47.7	49.1
Standard Deviation, dB	4.1	5.2	4.8	3.3	3.2	2.5	3.7	3.4	4.2
Assumed Protection in dB (APV)									

Tested according to Australian Standard AS/NZS 1270:2002

Attenuation data Class 4 SLC₈: 22 dB

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation, dB	20.7	20.1	23.5	24.6	29.6	36.2	36.2	36.2	
Standard Deviation, dB	7.8	7.8	7.9	5.1	5.3	5.5	6.5		
Mean-minus-Standard Deviation, dB	12.9	12.2	15.6	19.5	24.3	30.6	29.6		

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