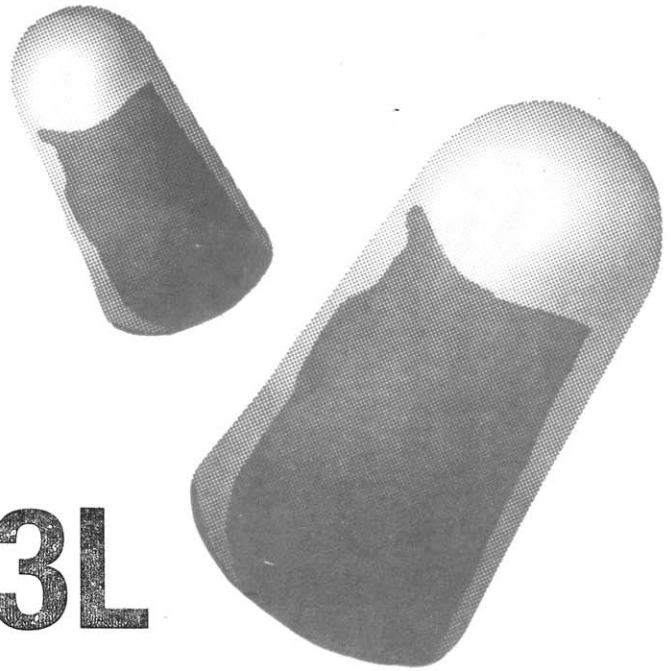
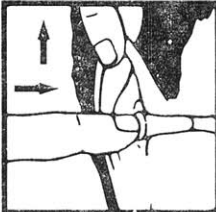
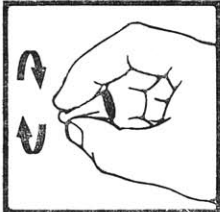


HOWARD
LEIGHT 
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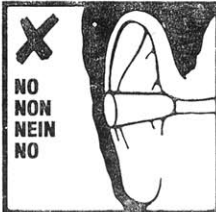
Bilson[®] 303L

Fitting Instructions • Mode d'emploi • Gebrauchsanleitung • Instrucciones de Colocacion



WARNING: If the recommended fitting instructions are not adhered to, the protection afforded by the earplugs will be severely impaired. Consult the enclosed instructions insert for proper fit.

ATTENTION DANGER! En cas de non respect des recommandations données, la protection assurée par les bouchons d'oreille sera fortement amoindrie. Veuillez consulter l'encart contenant les instructions pour un bon ajustement.



YES
OUI
JA
SI

NO
NON
NEIN
NO

WARNING! Werden die o. g. Empfehlungen nicht beachtet, wird die erzielte Schutzwirkung des Gehörschutzes stark beeinträchtigt werden. Siehe die beiliegenden Anweisungen für den richtigen Sitz.

¡ADVERTENCIA! Si no respetan las recomendaciones facilitadas en los párrafos anteriores, quedará seriamente afectada la protección dispensada por el protector de los oídos. Consulte las instrucciones adjuntas para como se insertan.



WARNING: Remove earplug slowly with twisting motion to gradually break the seal. Rapid removal may damage eardrum.

ATTENTION DANGER! Enlever le bouchon lentement en le tournant afin de réduire l'étanchéité au fur et à mesure. L'enlèvement rapide peut endommager le tympan de l'oreille.

WARNUNG! Den Gehörschutzstöpsel langsam und mit Drehbewegung zur allmählichen Lösung der Abdichtung entfernen. Das schnelle Herausziehen könnte das Trommelfell beschädigen.

¡ADVERTENCIA! Quite lentamente el tapón auditivo mientras gira el mismo hacia los lados para romper gradualmente el sello. Si se quita rápidamente puede dañarse el tímpano.

Tested according to ANSI S.3.19-1974**Attenuation data**

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Attenuation, dB	34.4	35.0	36.2	35.9	36.4	38.9	39.8	42.6	43.0	29 dB
Standard Deviation, dB	3.4	4.2	3.8	3.0	2.9	3.0	3.2	4.2	4.1	

The level of noise entering a person's ear, when hearing protector is worn as directed, is closely approximated by the difference between the A-weighted environmental noise level and the NRR.

Example: 1. The environmental noise level as measured at the ear is 92 dBA.

2. The NRR is 29 decibels (dB).

3. The level of noise entering the ear is approximately equal to 63 dBA.

CAUTION: For noise environments dominated by frequencies below 500Hz, the C-weighted environmental noise level should be used. Improper fit of this device will reduce its effectiveness in attenuating noise. Consult the enclosed instructions for proper fit. Although hearing protectors can be recommended for protection against the harmful effects of impulsive noise, the Noise Reduction Rating (NRR) is based on the attenuation of continuous noise and may not be an accurate indicator of the protection attainable against impulsive noise such as gunfire. Constant or repetitive exposure to impulsive noise may lead to serious injury, including temporary or permanent deafness. The Noise Reduction Rating (NRR) calculated from the attenuation data is 29 dB. Earplugs must be properly fitted to attenuate noise effectively. Refer to instructions.

Tested according to AS/NZS 1270:2002**Attenuation data - AS/NZS**

Frequency Hz	125	250	500	1000	2000	4000	8000	SLC ₈₀
Mean Attenuation, dB	22.3	21.6	23.4	24.8	32.8	39.6	41.7	22 dB Class 4
Standard Deviation, dB	7.3	7.2	7.8	7.0	6.4	8.8	9.5	
Mean (-) Std Dev., dB	15.0	14.4	15.6	17.8	26.4	30.8	32.2	

Tested according to EN 352-2:2002

Attenuation data - please see the enclosed instruction insert.

SNR 33 dB**H=32 dB****M=29 dB****L=29 dB**

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www.howardleight.com

**HOWARD
LEIGHT** 
by **SPERIAN**

Bilsom[®] 303L

NRR 29 / Canada Class A(L) / SLC₈₀ 22, Class 4 / SNR 33

Size 5-12 mm

Noise Reduction Rating	29 DECIBELS WHEN USED AS DIRECTED
THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30. (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)	
SPERIAN HEARING PROTECTION, LLC. SAN DIEGO, CA 92154	MODEL NO. BILSOM 303L/S BILSOM 304L/S
Federal law prohibits removal of this label prior to purchase	 LABEL REQUIRED BY U. S. E. P. A. REGULATION 40 CFR Part 211, Subpart B

Certified Product TM



Australian Standard
AS/NZS1270 Lic. 1579
SAI Global

AU/NZ
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.

SNR
33 dB

H = 32 dB
M = 29 dB
L = 29 dB

