



Bilson 817 NST[®], 818 NST[®]

***All-day comfort
in slimline earmuffs
with Natural Sound
Technology.***



Bilson[®]

Bilsom® 817 NST®, 818 NST®

Maximum comfort for 100% wearing time



The Bilsom 817 NST® earmuffs enable you to achieve 100% wearing time through increased natural sound and comfort.

Bilsom Natural Sound Technology is a unique innovation in hearing protection. In simple terms, it works by providing more even noise reduction across all the frequencies. This removes the distortion and feelings of isolation commonly experienced with conventional hearing protection, and encourages workers to keep their hearing protection on for 100% of the noise exposure time.

The Bilsom® 817 NST® has a new unique headband design that resists deformation and adjusts extremely well to all head sizes. The clamp force is very low for best possible comfort but there is still no risk of leakage. It also has a soft inner headband for a comfortable contact surface against the head and improved ventilation.

The Bilsom® 818 NST® helmet muff version can be fitted to most makes of helmets with Bilsom adapters. Three positions – stand-



Easy-to-use, numbered height adjustment provides a comfortable fit in a robust design that resists deformation.



The earmuffs' inner headband has ventilation perforations which prevent build-up of heat and perspiration. It also gives a soft and comfortable contact surface against the head.

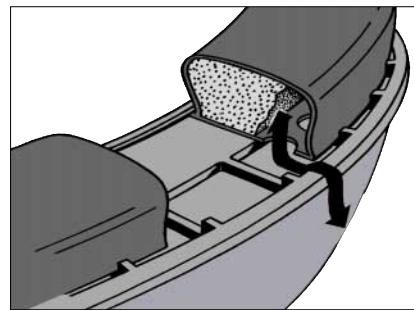
Bilsom® is a brand of Bacou-Dalloz, a world leader in personal protective equipment.

The major benefits:

- **Predictable performance** Uniform and moderate attenuation provides the same protection across all frequencies, irrespective of the make-up of the noise.
- **Natural sound perception** The uniform attenuation means there is less distortion of the surrounding sounds, and this removes the feelings of isolation commonly experienced with conventional hearing protectors.
- **Extraordinary comfort** A unique headband design (817 NST) provides a soft contact surface against the head and improved ventilation, with minimal clamp force for all-day comfort.
- **Improved safety** A more natural sound perception allows the wearer to hear important sounds such as warning signals etc.
- **Longwearing durability** The special two-material headband (817 NST) resists deformation and adjusts comfortably to different head sizes.
- **Easy fitting** The quick-click height adjustment ensures a comfortable fit that stays in place.
- **Excellent value for money** New design snap-in cushions mean easy replacement for better comfort and economy.

by, operating and rest. Bilsom Forestry screens and Pulsafe visors also can be connected using these same adapters.

Bilsom Natural Sound Technology is a patented design that uses dual function ducts, on the base plate and earmuff cushions, to change the attenuation characteristics of the hearing protector and give uniform attenuation across all the frequencies.



Product	Art.No.	Weight	Accessories	Art.No.
• Bilsom 817 NST Earmuff	1005656	194 g	• Hygiene kit	1006080
• Bilsom 818 NST Earmuff	1005658	177 g	• Bilsom® COOL, 5-pair	1000365
			• Beltclip	1000252

Bilsom® 817 NST®

Tested according to EN 352-1 BIA test report No 2001 21374



Frequency Hz	63	125	250	500	1000	2000	4000	8000	H24
Mean value dB	12,6	15,7	23,9	27,8	23,3	25,8	29,0	31,0	M22
Standard deviation dB	4,5	3,3	2,7	2,8	2,9	2,0	3,0	2,6	L20
Assumed Protection in dB (APV)	8,1	12,4	21,2	25,0	20,4	23,8	26,0	28,4	SNR25

Bilsom® 818 NST®

Tested according to EN 352-3 BIA test report No 9707216



Frequency Hz	63	125	250	500	1000	2000	4000	8000	H26
Mean value dB	12,9	15,3	22,1	24,6	24,5	29,5	29,3	33,5	M23
Standard deviation dB	4,0	3,0	3,0	2,3	2,6	2,9	2,7	3,2	L19
Assumed Protection in dB (APV)	8,9	12,3	19,1	22,3	21,9	26,6	26,6	30,3	SNR26

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