



Bilsom Technology

**GENERAL DATA**

**Division :** Head Protection  
**Family :** Hearing Protection  
**Range :** Earplugs  
**Line :** Disposable Earplugs  
**Brand formerly known as :** BILSOM

**Business Countries**

United Kingdom  
 Middle East  
 EMEA

**Activity Domains :**

Army - Defence • ATEX environment • Automotive and Part Manufacturer • Aviation • Building and Construction • Catering • Chemical Industries • Energy or Electricity • Fire Protection brigades • Fishing • Food Industries • Foundry • Glass Industries • Green Spaces • Homeland defense • Industrial Cleaning • Iron and steel industry • Logistics • Maintenance • Medical and Pharmaceutical • Metal steel • Mining and Quarrying • Offshore • Paper Industries • Petro-chemical • Printing Industries • Services • Telecoms • Textile Industries • Transportation • Utilities • Water treatment • Welding • Wood Industries • Laboratory • Ship Building • Industry • Administration • Agriculture



**Product Use :**

Single-Use Earplug, Corded

**PRODUCT ADVANTAGES**

**Feature :**

**POLYURETHANE FOAM**

Soft foam delivers superior long-wearing comfort and solid performance.

**SMOOTH, SOIL-RESISTANT SKIN**

Prevents dirt or other substances from accumulating on skin or entering ear canal.

**Benefit :**

The Bilsom 300 Series earplugs are ideal for workers who need to block out loud noise and demand the best protection and comfort available in an earplug. Europe most-used polyurethane earplug, the 300 series earplug, offers superior noise-blocking performance in a single-use earplug.

## TECHNICAL DESCRIPTION

**SNR (dB) :**  
33

**H (dB) :**  
32

**M (dB) :**  
29

**L (dB) :**  
29

**Attenuation Data :**

Frequency (Hz) Frequenz (Hz) Fréquence (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB)	28.4	37.3	37.9	39.1	36.0	34.6	42.5	46.4
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	6.4	9.0	9.2	9.7	7.9	4.6	4.9	4.7
Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)	22.0	28.3	28.7	29.4	28.1	30.0	37.6	41.8

**Size :**  
Regular

**Shape :**  
bullet

**Color :**  
Yellow and white

**Corded :** Yes

**Weight (grs) :**  
0.48

## ADDITIONAL INFORMATION

**Life Cycle :**  
These plugs must be disposed of and replaced after each wearing.

**Storage Information :**  
All earplugs should be stored before and between usages in a way that protects them from dirt, grease, and other contaminants.

**Care Instruction :**  
Disposable earplugs are made of either TPE (Thermoplastic elastomers) or polyurethane foam. Washing and cleaning of disposable earplugs is not recommended. These plugs must be disposed of and replaced after each wearing. Excessive moisture reduces the attenuation and slows down the foam recovery which may lead to improper fit.

**User manual number :**  
PPB03069 Rev. 1.0

**EAN Code :**  
7312553041106

## CERTIFICATION AND CONFORMITY

**European Directives :**  
89/686/EEC

**EC Category PPE\* :** Category II

**Standards :**  
EN 352-2:2002

## EC CONFORMITY DECLARATION

The manufacturer or its legal representative supplier settled in the European Community:  
Howard Leight by Sperian

Declares that the next Personal Protective Equipment described here after is in conformity with the provisions of Council Directive 89/686/CEE:

Designation: Bilsom 304L Foamplug (Corded)

Reference: 1000106

Standard(s): EN 352-2:2002

This PPE is the object of the above EC attestation type:  
9404815

**Delivered by:**

B.G.I.A.

Alte Heerstrasse 111

53754 Stankt Augustin

Germany

**Made at Germany, on the 08/29/2008**

**By:**

**Division:** Head Protection



Bescheinigung  
Nr. **BGIA 941057**  
vom **29.08.2008**

Institut für Arbeitsschutz der  
Deutschen Gesetzlichen Unfallversicherung  
Prüf- und Zertifizierungsstelle im BG-PRÜFZERT

## EG-Baumusterprüfbescheinigung

Name und Anschrift des  
Bescheinigungsinhabers:  
(Auftraggeber) Sperian Hearing Protection LLC  
7828 Waterville Road  
USA-CA 92154 San Diego

Name und Anschrift des  
Herstellers: Bilsom 303 Small/Large:  
Sperian Hearing Protection LLC  
7828 Waterville Road  
USA-CA 92154 San Diego

Bilsom 304 Small/Large:  
Howard Leight De Mexico S.A. de C.V.  
Blvd. Insurgentes No. 20551  
Tijuana, Baja California, 22244 Mexico

Produktbezeichnung: Gehörschutzstöpsel

Typ: Bilsom 303 Small/Large und Bilsom 304 Small/Large (mit Verbindungsschnur)

Bestimmungsgemäße  
Verwendung: Vor Gebrauch zu formender Einmal-Gehörschutzstöpsel / Persönliche Schutzausrüstung  
nach Art. 8 (2) der EG-Richtlinie 89/686/EWG (Kategorie II)

Prüfgrundlage: - Grundlegende Anforderungen für Gesundheitsschutz und  
Sicherheit nach Anhang II der EG-Richtlinie 89/686/EWG  
- EN 352-2:2002  
- EN 13819-1:2002  
- EN 13819-2:2002

Zugehöriger Prüfbericht: 200723459 vom 29.08.2008 und  
9404815 vom 15.06.1994

Bemerkungen: Dieses Zertifikat ersetzt das Zertifikat mit der gleichen Nummer ausgestellt am 15.06.1994.

Das geprüfte Baumuster entspricht den einschlägigen Bestimmungen der Richtlinie 89/686/EWG (**Persönliche Schutzausrüstungen**), geändert durch die Richtlinien 93/68/EWG, 93/95/EWG und 96/58/EG.

Weiteres über die Gültigkeit, eine Gültigkeitsverlängerung und andere Bedingungen regelt die Prüf- und Zertifizierungsordnung vom April 2004.

  
.....  
Leiter der Prüf- und Zertifizierungsstelle  
(Dr. Peter Paszkiewicz)

  
.....  
Fachzertifiziererin  
(Dr. rer. nat. Sandra Dantscher)

European notified body  
Identification number 0121

**BGIA**



Certificate  
No. **BGIA 941057**  
Date of issue: **2008-08-29**

Institut für Arbeitsschutz der  
Deutschen Gesetzlichen Unfallversicherung  
Prüf- und Zertifizierungsstelle im BG-PRÜFZERT

**Translation**

In any case, the  
German original shall  
prevail

## EC-Type Test Certificate

Name and address of the  
holder of the certificate:  
(customer) Sperian Hearing Protection LLC  
7828 Waterville Road  
USA-CA 92154 San Diego

Name and address of the  
manufacturer: Bilsom 303 Small/Large:  
Sperian Hearing Protection LLC  
7828 Waterville Road  
USA-CA 92154 San Diego

Bilsom 304 Small/Large:  
Howard Leight De Mexico S.A. de C.V.  
Blvd. Insurgentes No. 20551  
Tijuana, Baja California, 22244 Mexico

Product designation: Ear-plug

Type: Bilsom 303 Small/Large and Bilsom 304 Small/Large (corded)

Intended purpose: Shape before use ear-plug (disposable) / personal protective equipment according to  
article 8 (2) of the EC-directive 89/686/EEC (category II)

Testing based on: - Basic requirements for health and safety in accordance with Annex II of the EC-  
directive 89/686/EEC  
- EN 352-2:2002  
- EN 13819-1:2002  
- EN 13819-2:2002

Test report: 200723459 as of 2008-08-29 and  
9404815 as of 1994-06-15

Remarks: This certificate replaces the certificate issued with the same number as of 1994-06-15.

The type tested complies with the provisions laid down in the directive 89/686/EEC (Personal Protective  
Equipment), amended by the directives 93/68/EEC, 93/95/EEC und 96/58/EC.

Further conditions are laid down in the Rules of Procedure for Testing and Certification of April 2004.

*n/p*   
Head of testing and certification body  
(Dr. Peter Paszkiewicz)

  
Certification officer  
(Dr. rer. nat. Sandra Dantscher)

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