



GENERAL DATA

Division : Head Protection
Family : Hearing Protection
Range : Earplugs
Line : Disposable Earplugs
Business Countries
 EMEA
 United Kingdom
 Middle East
Activity Domains :
 Agriculture • 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

Product Use :
 Single-Use Earplug

PRODUCT ADVANTAGES

Feature :
VIBRANT COLOURS
 Makes protection fun – and highly visible.

SELF-ADJUSTING FOAM
 Polyurethane foam adjusts to fit virtually every wearer.

CONTOURED T-SHAPE
 Aids in easy insertion, removal from ear canal.

Benefit :
 The bright idea in hearing protection, Laser Lite's low-pressure foam expands gently inside the ear canal for comfortable long-term wear, while its contoured T-shape delivers easy handling. Its high visibility magenta and yellow colors make compliance checks quick and easy. Plus, Laser Lite is available with special packaging and dispenser options, ideal for process industries with low tolerances for packaging waste.

TECHNICAL DESCRIPTION

SNR (dB) :
35

H (dB) :
34

M (dB) :
32

L (dB) :
31

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) | 33.4 | 34.1 | 35.5 | 37.6 | 34.9 | 35.7 | 42.5 | 44.1 |
| Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB) | 4.6 | 4.7 | 4.6 | 4.1 | 5.0 | 2.8 | 2.9 | 4.2 |
| Assumed Protection (dB) Angenommener (dB) Protection supposé (dB) | 28.8 | 29.4 | 30.9 | 33.5 | 29.9 | 32.9 | 39.6 | 39.9 |

Size :
Fits All

Shape :
T

Color :
Yellow and Magenta

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 are 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 :
PFB00398 Rev. 1.2

EAN Code :
033552002215

CERTIFICATION AND CONFORMITY

European Directives :
89/686/EEC

EC Category PPE* : Category II

Standards :
EN-24869-1:1993 / EN 352-2:1993

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: Laser Lite Single-Use (Corded)

Reference: 3301106

Standard(s): EN-24869-1:1993 EN 352-2:1993

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

9503632

Delivered by:

B.G.I.A.

Alte Heerstrasse 111

53754 Stankt Augustin

Germany

Made at Germany, on the 07/28/2008

By:

Division: Head Protection



Bescheinigung
Nr. **BGIA 951095**
vom **28.07.2008**

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
San Diego, CA 92154, USA

Name und Anschrift des
Herstellers: Sperian Hearing Protection, LLC
7828 Waterville Road
San Diego, CA 92154, USA

Produktbezeichnung: Gehörschutzstöpsel "Howard Leight Laser Lite" mit (LL-30) und ohne (LL-1)
Verbindungsschnur

Typ: Howard Leight Laser Lite

Bestimmungsgemäße
Verwendung: Vor Gebrauch zu formender Gehörschutzstöpsel zum einfachen Gebrauch / 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: 95 03632 vom 28.07.1995 und
2008 22449 vom 28.07.2008

Bemerkungen: Dieses Zertifikat ersetzt das Zertifikat mit der gleichen Nummer ausgestellt am 28.06.1995.

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 Zertifizierungsstelle
(Dr. rer. nat. Peter Paszkiewicz)


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

European notified body
Identification number 0121

BGIA



Certificate
No. **BGIA 951095**
Date of issue: **2008-07-28**

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
San Diego, CA 92154, USA

Name and address of the
manufacturer: Sperian Hearing Protection, LLC
7828 Waterville Road
San Diego, CA 92154, USA

Product designation: Ear-plug "Howard Leight Laser Lite" LL-1 (uncorded) and LL-30 (corded)

Type: Howard Leight Laser Lite

Intended purpose: Disposable ear-plug (shape before use) / 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: 95 03632 as of 1995-06-28 and
2008 22449 as of 2008-07-28

Remarks: This certificate replaces the certificate with the same number issued 1995-06-28.

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.


Head of certification body
(Dr. rer. nat. Peter Paszkiewicz)


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

Postal address: • 53757 Sankt Augustin • Office: Alte Heerstraße 111 • 53757 Sankt Augustin
Phone: +49 (0) 2241 231-02 • Fax: +49 (0) 2241 231-2234 • E-Mail bgia@dguv.de • www.dguv.de/bgia