



GENERAL DATA

Division : Head Protection

Family : Hearing Protection

Range : Earplugs

Line : Reusable Earplugs

Business Countries

United Kingdom

EMEA

Middle East

Activity Domains :

Army - Defence • Automotive and Part Manufacturer • ATEX environment • 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 :
Multi-Use Earplug

PRODUCT ADVANTAGES

Feature :

MULTIMATERIAL FUSED DESIGN

Combines TPE firm core for easy handling and TPE soft flanges for comfort and fit.

QUADRUPLE SOFTFLANGE DESIGN

Provides all day comfort and superb attenuation.

FLEXIFIRM CORE

Easy to grasp, aids in insertion.

DETACHABLE CORD SYSTEM

Soft braided fabric cord adapts to worker preference or application.

HEARPACK STORAGE CASE

Easy to stow on a break, store between shifts or keep right at hand.

GREEN COLOR

Denotes small size.

Benefit :

Fusion multiple-use earplugs use advanced manufacturing technology to deliver a revolutionary combination of all-day comfort and easy handling. Its FlexiFirm™ core ensures easy insertion into the ear canal and a superior fit all day long. Fusion's patented SoftFlange™ design adjusts perfectly to the ear canal to deliver unmatched comfort and superior attenuation. Two sizes – regular and small – provide optimal fit for comfort and safety, while its soft braided fabric detachable cord system adapts to any application.

TECHNICAL DESCRIPTION

SNR (dB) :

28

H (dB) :

29

M (dB) :

25

L (dB) :

24

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)	24.6	28.3	28.6	27.9	29.4	31.0	40.0	40.9
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	6.0	5.1	5.6	5.0	5.6	3.7	5.6	5.5
Assumed Protection (dB) Angenommener (dB) Protection supposé (dB)	18.6	23.2	23.0	22.9	23.8	27.3	34.4	35.4

Size :

Small

Shape :

flange

Color :

Yellow and Green

Corded : Yes

Weight (grs) :
0.68

Design Patents :
Earplug w/Insertion Stem®
Quadra-Flange Earplug®

ADDITIONAL INFORMATION

Life Cycle :
We recommend replacement every 2-4 weeks.

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 :
Our reusable earplugs may be washed in warm water and allowed to air dry. Washing may be repeated several times, but we recommend replacement every 2-4 weeks. Hydrocarbon based solvents, such as alcohol, should not be used to clean reusable ear plugs. The use of such solvent based cleaners may cause reusable plugs to soften, swell, and weaken with time. Additionally, with extended use, reusable plugs must be regularly inspected for serviceability.

User manual number :
PMB02312_R1.0

EAN Code :
033552014546

CERTIFICATION AND CONFORMITY

European Directives :
89/686/EEC

EC Category PPE* : Category II

Standards :
EN 352-2:2002

Quality Assurance :
ISO 9001 / 2000

EC Certification Number :
0401034

EC Attestation Number :
200322978 & 200822450

Laboratory :
B.G.I.A.

*PPE : Personal Protective Equipment

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: Fusion Small (Corded)

Reference: 1011281

Standard(s): EN 352-2:2002

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

200322978 & 200822450

Delivered by:

B.G.I.A.

Alte Heerstrasse 111

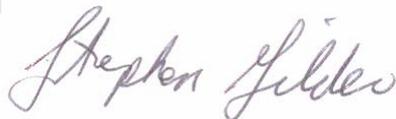
53754 Stankt Augustin

Germany

Made at Germany, on the 07/28/2008

By:

Division: Head Protection



Bescheinigung
Nr. **BGIA 0401034**
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 Fusion" mit Verbindungsschnur (2 Größen)

Typ: Howard Leight Fusion

Bestimmungsgemäße
Verwendung: Fertig geformter Gehörschutzstöpsel zum mehrfachen 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: 2003 22978 vom 02.04.2004 und
2008 22450 vom 28.07.2008

Bemerkungen: Dieses Zertifikat ersetzt das Zertifikat mit der gleichen Nummer ausgestellt am 02.04.2004.

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 0401034**
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 Fusion" with connecting cord (2 sizes)

Type: Howard Leight Fusion

Intended purpose: Preshaped ear-plug (re-usable) / 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: 2003 22978 as of 2004-04-02 and
2008 22450 as of 2008-07-28

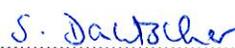
Remarks: This certificate replaces the certificate with the same number issued 2004-04-02.

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