



**PRODUCT NUMBER: 1005329**  
**Clarity 656 L MULTIPLE-USE**  
**EARPLUG**

[Learn more about our products at howardleight.com](http://howardleight.com)

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**Overview**

**Reference Number**

1005329

**Product Type**

Hearing Protection

**Range**

Earplugs

**Line**

Reusable Earplugs

**Brand**

Howard Leight by Honeywell

**Industry**

- Industry
- Administration
- 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
- Laboratory
- Logistics
- Maintenance
- Medical and Pharmaceutical
- Metal steel
- Mining and Quarrying
- Offshore
- Paper Industries
- Petro-chemical
- Printing Industries
- Services
- Ship Building
- Telecoms
- Textile Industries
- Transportation
- Utilities
- Water treatment
- Welding
- Wood Industries

**Product Use**

Multi-Use Earplug

**Features & Benefits**

**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 regular size.

**Benefit**

Clarity 656 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. Clarity'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)**

22

**H (dB)**

24

**M (dB)**

19

**L (dB)**

17

**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)	23.3	23.0	21.3	21.5	24.3	30.8	28.6	39.4
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	5.4	5.9	6.2	5.3	5.5	3.9	6.3	6.4
Assumed Protection (dB) Angenommener (dB) Protection supposé (dB)	17.9	17.1	15.1	16.2	18.8	26.9	22.3	33.0

**Size**

Regular

**Color**

Blue

**Shape**

flange

**Corded**

Yes

**Weight (grs)**

0.18

## Certifications

**E.C. Declaration of Conformity****EC Category PPE**

2

**Quality Assurance**

ISO 9001 / 2000

**EC Certificate Number**

20001174

**EC Attestation**

EC Attestation

**EC Attestation Number**

199923900

## Literature & Documents

### PIC SKU - Pictures

<http://www.honeywellsafety.com/assets/0/324/500/51887/8da11b69ba014435a60169c99b3ae492.jpg>

## Maintenance

### 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 Instructions

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.

## Packaging

### EAN Code

7312550053294



Certificate  
No. **BGIA 20001174**  
Date of issue: **2009-05-27**

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

Translation

## 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: Sperian Hearing Protection LLC  
7828 Waterville Road  
USA-CA 92154 San Diego

Product designation: ear-plug HL Clarity 656 S/L

Type: Clarity 656 S/L

Intended purpose: reusable ear-plug (preshaped) / 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

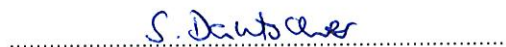
Test report: 200821580 as of 2009-05-27 and 1999 23900 as of 2001-04-25.

Remarks: This certificate replaces the certificate with the same number issued 2001-04-25.

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 provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification of September 2008.

  
Head of testing and certification body  
(Dr. Peter Paszkiewicz)

  
Certification officer  
(Dr. Sandra Dantscher)

Postal address: • 53757 Sankt Augustin • Office: Alte Heerstraße 111 • 53757 Sankt Augustin  
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Bescheinigung  
Nr. **BGIA 20001174**  
vom **27.05.2009**

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: Sperian Hearing Protection LLC  
7828 Waterville Road  
USA-CA 92154 San Diego

Produktbezeichnung: Gehörschutzstöpsel HL Clarity 656 S/L

Typ: Clarity 656 S/L

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: 200821580 vom 27.05.2009 und 1999 23900 vom 25.04.2001

Bemerkungen: Dieses Zertifikat ersetzt das mit der gleichen Nummer ausgestellte Zertifikat vom  
25.04.2001.

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 September 2008.

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

  
.....  
Fachzertifiziererin  
(Dr. Sandra Dantscher)

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# E.C. Declaration of Conformity

**The manufacturer or its legal representative supplier in the European Community:**

Honeywell Safety Products Europe

**Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE:**

Designation: Clarity 656 L MULTIPLE-USE EARPLUG

Reference: 1005329

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

**This PPE is the object of the below EC examination certificate n°:**

20001174

**Delivered by:**

BIA-IFA

Alte Heerstraße 111

D-53757 SANKT AUGUSTIN

Germany

Drawn up in Germany, on the 12/08/2019

**By:**

**Division:** Hearing Protection

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[www.honeywellsafety.com](http://www.honeywellsafety.com)

