



**PRODUCT NUMBER: 3301165**  
**Max LS-500 Refill**

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

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[Learn more about hearing conservation at hearforever.org](http://hearforever.org) >



**Overview**

**Reference Number**

3301165

**Product Type**

Hearing Protection

**Range**

Earplugs

**Line**

Disposable 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**

MAX LS-500 Dispenser Refill, Disposable

**Features & Benefits**

**Feature**

**POLYURETHANE FOAM** Soft foam delivers superior long-wearing comfort and solid performance. **BELL-SHAPED DESIGN** Delivers maximum in-ear comfort without backing out of the ear canal, easier to insert. **SMOOTH, SOIL-RESISTANT SKIN** Prevents dirt or other substances from accumulating on skin or entering ear canal.

**Benefit**

Workers who need to block out loud noise demand the best protection and comfort available in an earplug. That's where

Max comes in. The world's most-used polyurethane earplug, Max offers superior noise-blocking performance in a single-use earplug. Max's new enhanced contoured shape is easier to insert and resists backing out of the ear canal, while its softer foam delivers superior long-wearing comfort - delivering solid performance that your workers can depend on.

## Technical Description

### SNR (dB)

37

### H (dB)

36

### M (dB)

35

### L (dB)

34

### 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)	34.6	37.1	37.4	38.8	38.2	37.9	47.3	44.8
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	3.0	4.5	4.3	3.7	3.5	4.0	3.5	7.2
Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)	31.6	32.6	33.1	35.1	34.7	33.9	43.8	37.6

### Size

Fits All

### Color

Orange

### Shape

bell

### Corded

No

### Weight (grs)

0.59

## Certifications

 E.C. Declaration of Conformity

### EC Category PPE

2

### Quality Assurance

ISO 9001 / 2000

### EC Certificate Number

1219

### EC Attestation

 EC Attestation

### EC Attestation Number

04.03.66

## Literature & Documents

 PIC SKU - Pictures

<http://www.honeywellsafety.com/assets/0/324/500/51887/31b9f20ec0f148b89015157cb7f5e40f.jpg>

## Additional Information

### User Manual

Instruction Manual - Max (global)

## Maintenance

### 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 Instructions

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.

## Packaging

### EAN Code

033552003717



## **EC TYPE-EXAMINATION CERTIFICATE: 1219**

**Product description: -** Hearing Protection - Disposable Ear-Plugs

**Product identification: -** MAX Foam Earplugs, corded  
MAX Foam Earplugs

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

**When assessed and examined against harmonised standard EN352-2:2002 are found to be in conformity with Council Directive 89/686/EEC and associated amendments, relating to personal protective equipment.**

**Authorised EU Representative: -** Sperian Protection Europe  
Immeuble Edison - ZI Paris Nord II  
33 Rue des Vanesses, BP55288  
95958 Roissy CDG Cedex  
France

**Signed**



**Date: 28th April 2004**

K J Warren, Manager, Certification Services

**For and on behalf of INSPEC International Ltd.**  
56 Leslie Hough Way, Salford, Gt Manchester M6 6AJ  
England (Notified Body No: 0194)



For terms and conditions of issue, see page 2



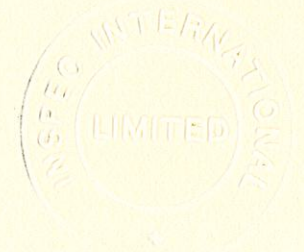
## Terms and Conditions

Reference Documents: -

- |      |                          |   |                 |
|------|--------------------------|---|-----------------|
| i)   | Test Reports             | - | INSPEC 04.03.66 |
| ii)  | Technical File           | - | TF/1219         |
| iii) | Test and Inspection Plan | - | Dated 02/03/04  |

Conditions attached to the issue of this certificate:

- i) Marking and instructions have been assessed in the English language only. It is the Manufacturers/Authorised Representatives responsibility to obtain and supply language versions acceptable to the country where the product is to be sold.
- ii) Any changes to the product, technical file or quality manual/quality plan shall be immediately notified to INSPEC.
- iii) The Manufacturer/Authorised Representative shall comply at all times with INSPEC's Regulations governing CE Product Certification.
- iv) This Certificate remains the property of INSPEC and may be withdrawn if any of the conditions attached to its issue are not complied with.





# CERTIFICATION INDEX

<b>Item</b>	<b>Status</b>	<b>Issued</b>	<b>Amendment</b>
Pages 1 & 2	Withdrawn	28/04/04	Initial Issue
Pages 1 to 3	Valid	06/05/08	Name change to Sperian





## 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: Max LS-500 Refill

Reference: 3301165

Standard(s): EN 352-2:2002

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

1219

**Delivered by:**

INSPEC

56 Leslie Hough Way

Salford

M6 6AJ

Greater Manchester

United Kingdom

+44 (0)12 96 68 29 66

Drawn up in England, on the 14/07/2016

**By:**

**Division:** Hearing Protection

ZI Paris Nord II 33, rue des Vanesses BP 50288 95958 Roissy CDG France

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

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PIC SKU - Pictures

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