

PRODUCT NUMBER: 1012721 Matrix BLUE LS-500 Refill

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Overview

Reference Number

1012721

Product Type

Hearing Protection

Range

Earplugs

Line

Disposable Earplugs

Brand

Howard Leight by Honeywell

Industry

Product Use

Matrix Blue LS-500 Dispense Refill, Disposable

Features & Benefits

Feature

PATENTED NO-ROLL DESIGN Insertion is fast and easy, delivering instant protection upon proper insertion. SOUND MANAGEMENT Uniform attenuation profile blocks loud noise while voice and other higher frequencies can be heard more naturally. SMALLER DIAMETER Eliminates that "plugged up" feeling in your ear canal. SMOOTH OUTER SKIN Thermoplastic Elastomer (TPE) is a great match for the sensitive skin inside your ear canal, delivers long-term comfort.

Benefit

Matrix BLUE LS-500 Refill - 1012721

We made the diameter smaller, but packed in more innovation. The result is the patented Matrix, a triumph of hearing protection technology. It promises enhanced communication, safety and compliance. And forget rolling forever. Insertion is fast, and protection is instant upon proper insertion. A revolutionary, super-soft outer skin ensures comfort, and low-pressure foam does away with that plugged-up feeling. Plus, Matrix's uniform attenuation blocks harmful noise while voice frequencies can be heard more naturally, combating worker isolation and overprotection on the job.

Technical Description

SNR (dB)

23

H (dB)

26

M (dB)

20

L (dB)

15

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)	11.9	14.8	17.4	22.9	25.5	30.3	36.7	37.5
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	3.2	4.5	4.8	6.2	4.4	5.0	5.1	6.4
Assumed Protection (dB) Angenommener (dB) Protection suppossé (dB)	8.7	10.3	12.6	16.7	21.1	25.3	31.6	31.1

Size

Fits All

Color

Blue

Shape

Cylinder

Corded

No

Weight (grs)

0.38

Certifications

△ E.C. Declaration of Conformity

EC Category PPE

2

Quality Assurance

ISO 9001 / 2000

EC Certificate Number

EC1161

EC Attestation

EC Attestation

EC Attestation Number

041259

PIC SKU - Pictures

http://www.honeywellsafety.com/assets/0/324/500/51887/b3430583923b49c590b07185f294f258.jpg

Additional Information

User Manual

Instruction Manual - Matrix (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

033552013518

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EC TYPE-EXAMINATION CERTIFICATE: 1161

Product description: -

Hearing Protection - Disposable Ear-Plugs

Product identification: -

MATRIX/Green Foam - corded and uncorded MATRIX/Orange Foam - corded and uncorded MATRIX/Blue Foam - corded and uncorded Sizes 9 and 10

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

n/her Frai

Signed/

...... Date: 23rd October 2003

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)

certificate invalid if not embossed

For terms and conditions of issue, see page 2

Terms and Conditions

Reference Documents: -

EC Certificate: 1161

i) Test Reports - INSPEC 03.10.51, 04.07.68, 04.12.59

ii) Technical File - TF/1161

iii) Test and Inspection Plan - Howard Leight Industries Test and Inspection Plan dated 10/13/2004

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.

Revision: 080702

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CERTIFICATION INDEX

	Item	Status	Issued	Amendment
	Page 1 of 2 Page 2 of 2 Page 2 of 2 (Amendment ONE)	Withdrawn Withdrawn Withdrawn	12/8/04	To add test report 04.07.68
The second secon	Page 1 of 2 (Amendment ONE) Page 2 of 2 (Amendment TWO)	Withdrawn Withdrawn	12/8/04 12/1/05	To add model MATRIX Blue To add test report 04.12.59
	Page 2 of 2 (Amendment TWO)	Valid	02/07/08	Name change to SPERIAN





E.C. Declaration of Conformity

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

Honeywell Safety Products Europe

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

Designation: Matrix BLUE LS-500 Refill

Reference: 1012721

Standard(s): EN 352-2:2002

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

EC1161

Delivered by:

INSPEC 56 Leslie Hough Way Salford M6 6AJ Greater Manchester United Kingdom +44 (0)12 96 68 29 66

Drawn up in France, on the 20/05/2016

By:

Division: Hearing Protection

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