

3M™ Kids Hearing Protection 3M™ Kids Hearing Protection Plus Technical Data Sheet



3M™ Kids Hearing Protection



3M™ Kids Hearing Protection Plus

Features and benefits

The 3M™ Kids Hearing Protection and the 3M™ Kids Hearing Protection Plus help protect little ears from sounds, both big and small, so you can enjoy loud activities or create quiet time at home.

- Helps protect your kids' hearing, so you can enjoy loud activities together such as fireworks, concerts, and stadium events
- Creates a quiet environment for studying, reading or relaxing in shared indoor spaces
- Premium hearing protection from a trusted brand in professional safety
- SNR = 29 dB (3M™ Kids Hearing Protection) or SNR = 30 dB (3M™ Kids Hearing Protection Plus)
- Padded ear cushions conform around the ears for long-lasting comfort
- Adjustable, flexible headband provides a secure (but not too tight) comfortable fit
- Durable design
- Weight : 209 g (3M™ Kids Hearing Protection) or 222 g (3M™ Kids Hearing Protection Plus)

Material composition :

3M™ Kids Hearing Protection

- Earcups : ABS and polyether foam
- Earcup cushions : TPU skin, PU foam and PVC carrier
- Headband : stainless steel, POM with TPU and polyether foam cover and POM sliders

3M™ Kids Hearing Protection Plus

- Earcups : ABS, polyether foam, PC window
- Earcup cushions : TPU skin, PU foam and PVC carrier
- Headband : stainless steel, PU cover with a core of polyether foam and PET stiffener and ABS ends, textile (label), POM sliders

3M™ Kids Hearing Protection

3M™ Kids Hearing Protection Plus

Attenuation values :

3M™ Kids Hearing Protection

f (Hz)	125	250	500	1000	2000	4000	8000
Mf (dB)	18.4	18.4	27.8	38	35	40.5	38.6
Sf (dB)	3.1	3.3	3.3	3.3	2.9	3.1	3.0
APV (dB)	15.3	15.2	24.6	34.7	32.0	37.3	35.5

SNR = 29 dB / H = 34 dB / M = 26 dB / L = 19 dB

3M™ Kids Hearing Protection Plus:

f (Hz)	125	250	500	1000	2000	4000	8000
Mf (dB)	18.1	19.1	27.4	36.4	35.7	37.9	36.5
Sf (dB)	2.0	2.0	1.8	2.3	2.5	2.5	2.8
APV (dB)	16.0	17.2	25.6	34.1	33.2	35.3	33.8

SNR = 30 dB / H = 34 dB / M = 28 dB / L = 21 dB

Key :

f = Test frequency

Mf = Mean attenuation value

sf = Standard deviation

APVf = Assumed Protection Value

H = High-frequency attenuation value (predicted noise level reduction for noise with LC – LA = -2dB)

M = Medium-frequency attenuation value (predicted noise level reduction for noise with LC – LA = +2dB)

L = Low-frequency attenuation value (predicted noise level reduction for noise with LC – LA = +10dB)

SNR = Single Number Rating (the value that is subtracted from the measured C-weighted sound pressure level, LC in order to estimate the effective A-weighted sound pressure level inside the ear).

Country of origin

Made in China

Standard and approval

The 3M™ Kids Hearing Protection and the 3M™ Kids Hearing Protection Plus are type approved against the European Regulation (EU) 2016/425 by BSI GROUP The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands, Notified Body No. 2797.

These products meet the requirement of the Harmonized European Standard EN 352-1:2002.

The applicable Certificate(s) and Declaration(s) of Conformity are available at: www.3m.com/CHIMsafety/certs

Storage conditions

Do not store the product in temperatures above +55 °C or below -20 °C.

Service life – When to replace

Worn or damaged – when the sealing rings become worn or the headband becomes damaged, replace product.

3M™ Kids Hearing Protection

3M™ Kids Hearing Protection Plus

IMPORTANT NOTICE

All statements, technical information and recommendations herein are based on tests and studies 3M believes to be reliable.

Because there are many factors that can affect the use and performance of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluates this product to determine whether it is fit for a particular purpose, is suitable for the user's method of application, and meets the user's performance specifications and expectations.

Before any use, it is always recommended to read and follow the instructions for use and to conduct tests to validate the adequacy of the product with regard to the envisaged use. Any action or use of the product made in breach of these indications is at the risks of the user and consequently 3M cannot be held responsible for whatever negative consequences may arise out of or in connection with any breach of the given instructions and indications. Compliance with 3M instructions for use and other recommendations does not exempt the user from respecting other local applicable rules (safety rules, standards and procedures) governing the use of the concerned product in specific contexts and/or through specific means or tools.

Limitation of liability : within the legal warranty term, 3M's only obligation shall be to replace the quantity of this 3M product proved to be defective or to return the purchase price, excluding, to the extent permitted under applicable laws, any other warranty or compensation. The warranty does not cover any damage caused by neglected maintenance or careless handling. 3M will not be liable for any direct, indirect, incidental, consequential damages the user should suffer due to an improper storage, custody, use of the product, and whenever the user fails to attend carefully 3M indications and/or instructions herein provided.

Statements or recommendations not contained herein shall not have any force or effect unless included in an agreement signed by a 3M officer.

3M reserves the right to amend the whole or part of this document at any time, without notice.

Terms and Conditions of product warranty are set forth in contractual documents of sale and subject to mandatory applicable laws.

For more information on 3M products and services, please contact 3M.

Manufacturer's address : 3M France - 1, Parvis de l'Innovation - 95 006 Cergy-Pontoise Cedex - France
www.3M.com