

3M™ 1310 Banded Ear Plugs

Data Sheet

3M™ 1310 Banded Ear Plugs
3M™ 1311 Replacement Plugs for 3M 1310



Main Features:

- The flexible band design helps maintain a constant pressure irrespective of head sizes, at a comfortable level.
- Flexible band allows instant fitting and optimal positioning.
- Round plugs do not enter the ear canal for better hygiene and less risk of irritation.
- Economical, easily replaceable plugs for increased convenience.
- Bright colours for easy safety checks.
- Can be worn behind-the-head or under-the-chin.

Applications:

The 3M 1310 Banded Ear Plug can be used in many industries where harmful noise is present such as:

- Metal Industry
- Aircraft
- Automotive
- Woodworking
- Textile
- Printing
- Construction
- Health Industry

Approvals:

The 3M 1310 Banded Ear Plugs have been shown to meet the Basic Safety Requirements under Article 10 of the European Community Directive 89/686.

The 3M 1310 Banded Ear Plugs are tested to EN352-2:1993 and are CE marked.

Materials:

The following materials are used in the production of the 3M 1310 Banded Ear Plug:

- Headband - Acetal
- Plugs - Polyurethane foam

Attenuation:

Attenuation data for the 3M 1310 Banded Ear Plugs (according to EN24869-1)

(under-the-chin)

F (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	22.6	21.7	21.8	23.6	25.1	34.8	40.5	42.7
sf (dB)	5.0	4.6	4.5	4.3	3.0	3.2	4.3	3.6
Mf-sf (dB)	17.6	17.0	17.3	19.3	22.1	31.6	36.2	39.1

SNR = 26dB

H = 30dB

M = 22dB

L : 19dB

(behind-the-head)

F (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	19.9	20.1	20.4	22.7	24.7	36.2	40.1	42.9
sf (dB)	4.6	4.1	4.7	5.5	2.9	4.3	3.0	4.1
Mf-sf (dB)	15.3	16.0	15.8	17.2	21.8	31.9	37.1	38.8

SNR = 25dB

H = 30dB

M = 21dB

L = 18dB

Information:

A range of information must be provided on the packaging. The packaging of the 3M 1310 Banded Ear Plugs complies with the requirements of EN352-2. A copy of this European standard can be purchased from your national standards body.