

## HEARING PROTECTORS

HEARING PROTECTORS are rugged, comfortable, lightweight, and offer good attenuation. Swivel earcup construction assures multiple position. Universal fit . . . headband can be positioned behind head, over head, under chin.



### Code No. 510 HEARING PROTECTOR

FOR HIGH NOISE ENVIRONMENT.

**DELUXE MODEL** with adjustable steel head band, covered with a padded soft vinyl extrusion.

Extremely comfortable.

#### REPLACEMENT PARTS FOR CODE 510:

Code No.

113 Earcup Covers, sanitary and perspiration absorbent.

114 Replacement Rubber Ear Seals.

115 Replacement Foam Sound Filters.

### Code No. 510-2 HEARING PROTECTOR

FOR MODERATE NOISE ENVIRONMENT.

Economy model. Cups adjust on one-piece plastic head band. Designed for lighter tension and greater wearer acceptance. Dielectric. No metal parts.



### NOISE REDUCTION RATINGS (NRR)

Hearing Protectors and Ear Plugs have been tested per U.S. EPA Regulation 40 CFR Part 211, Sub Part B, and Noise Reduction measured in accordance with ANSI Specification S3.19-1974. Attenuation is consistent with the requirements of the Occupational Safety and Health Act.

#### ATTENUATION CHART

WITH STANDARD DEVIATION FREQUENCY (Hz)

Average Attenuation in Decibels (dB) Frequency in Hertz (Hz)

Frequency	509	510*	510-2*	511	512, 513 339	986	987
125	10.3	12.2	9.2	10.4	20	35.8	35.8
Std. Dev.	2.0	2.7	1.9	2.9	2	3.9	3.9
250	15.4	19.8	15.7	17.9	22	37.9	37.9
Std. Dev.	2.0	2.2	2.4	2.7	2	3.0	3.0
500	17.0	28.3	29.1	25.3	24	40.8	40.8
Std. Dev.	1.8	2.8	4.0	2.8	2	2.3	2.3
1000	20.3	38.9	35.6	34.0	28	39.3	39.3
Std. Dev.	1.9	1.9	2.4	2.5	2	2.7	2.7
2000	31.5	40.2	31.2	35.8	34	36.9	36.9
Std. Dev.	2.8	1.8	2.5	2.4	2	2.8	2.8
3000**	33.9	35.8	26.0	35.5	36	44.7	44.7
Std. Dev.	2.1	1.9	2.2	2.5	3	3.2	3.2
4000	30.8	36.3	27.3	36.3	37	44.1	44.1
Std. Dev.	2.0	1.9	3.0	3.1	3	4.1	4.1
6000**	30.8	39.2	32.0	36.6	37	44.1	44.1
Std. Dev.	1.9	2.7	3.9	3.2	3	4.2	4.2
8000	31.2	38.8	34.0	35.3	37	41.1	41.1
Std. Dev.	3.4	3.1	3.3	3.2	3	4.8	4.8
NRR	17	23	19	20	23	31	31

\*Average attenuation obtained in the over-the-head position.

\*\*3150 and 6300 frequency for Code 510-2, 986 and 987.

### Code No. 511 HEARING PROTECTOR

FOR MOUNTING TO HELMETS with 33mm SLOTTED SIDES.

Spring tension holds protectors snugly against ears. Dielectric. No metal parts.



### Code No. 509 BAND-TYPE HEARING PROTECTOR

Blocks noise at outer ear passage. No plugs or foreign objects in ear canal. Popular in moderate noise environments.

### Code No. 986 DISPOSABLE FOAM EAR PLUGS



Popular type yellow Foam Ear Plugs, roll in hand and insert. Permits conversational noise levels. Extremely comfortable, economical protection for industrial environments.



200 pair per box

### Code 987 DISPOSABLE FOAM EAR PLUGS WITH CORD



Same as 986, but corded to prevent ear plug loss. Ideal for chemical and food processing plants.

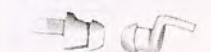
100 pair per box

### Code No. 512 EAR PLUG

Molded of soft elastomeric plastic. Lightweight, non-irritating. Offer effective attenuation, permit hearing at normal conversational levels. Insert, turn tab to back. Resistant to ear wax and soil. Will not deteriorate or harden. Washable. One pair per plastic carrying case.



Code 512



### Code No. 513 EAR PLUG

Same as Code No. 512 with plastic neck cord.



Code 513