

3M™ 1100 Earplugs

Key benefits:



Comfortable

- ▶ Soft hypoallergenic foam provides low pressure and warms to the body when inserted in the ear thus increasing comfort and wearability



Convenient

- ▶ Tapered design provides a good fit on a wide range of ear canal sizes
- ▶ 3M™ 1100 Earplugs are the corded version of the 3M 1100 earplug



Protective

- ▶ Slow recovery polymer foam helps achieve good acoustic properties and noise reducing seal
- ▶ Compatible with 3M™ E-A-RFit™ Dual Ear Validation System which measures the effectiveness of the earplug's protection level



95dB–110dB (A)

Suggested for noise levels within this range.

Attenuation values

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	30.0	33.1	36.3	38.4	38.7	39.7	48.3	44.4
sf (dB)	3.9	5.0	7.4	6.2	5.6	4.3	4.5	4.4
APVf (dB)	26.1	28.1	28.9	32.2	33.1	35.4	43.8	40.0

SNR = 37dB. H = 37dB. M = 34dB. L = 31dB.

Key

APVf (dB) = Mf –sf (dB)

Mf = Mean attenuation value

sf = Standard deviation

APVf = Assumed protection value

H = High-frequency attenuation value

M = Medium-frequency attenuation value

L = Low-frequency attenuation value

SNR = Single number rating (the value that is subtracted from the measured C-weighted sound pressure level, L(C) in order to estimate the effective A-weighted sound pressure level inside the ear)

Materials

The following materials are used in the manufacture of this product:

Component	Material
Earplugs	Polyurethane foam
Cord	Polyester

Ordering information

Short ID	Description
3M™ 1100 Earplugs	
1100	3M™ 1100 Earplugs foam roll down earplugs
1110	3M™ 1100 Earplugs with cord
3M™ E-A-R™ One Touch™ Pro Dispenser	
1100B	3M™ 1100 Earplugs dispenser refill bottle
3M™ E-A-RFit™ Dual Ear Validation System	
393-1100	E-A-RFit™ Dual Ear Validation System
1100P	3M™ 1100 Earplugs probed test plug

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