



**BUILDING THE
FUTURE TOGETHER**

RISK ASSESSMENT EARMUFFS 80903

1. Model
 - 80903 (*over the head*)
2. The earmuffs are intended to protect the users against harmful noise.
3. Models have been tested to withstand the following risks:
 - Ignitability by the steel rod which is heated to temperature 650 ± 20 °C for the period of 5.0 second.
 - Minimum attenuation value of the earmuffs is as below table, which are the recommend values for reducing harmful noise.

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.2	18	17.1	25.6	35.8	38.1	39.9	40.5
Standard Deviation(dB)	5.9	3.3	4.1	5.3	5.9	4.6	3.6	5.4
APV (dB)	11.3	14.7	13.1	20.3	29.9	33.5	36.3	35.1
Minimum requirements	H 12		M 11		L 9		SNR (dB)	26.9
	H (dB)	33.5	M (dB)	23.9	L (dB)	17.2		
Average values	Hm (dB)	37.4	Mm (dB)	27.2	Lm (dB)	20.2	SNRm (dB)	30
Standard deviation	Hs (dB)	3.9	Ms (dB)	3.3	Ls (dB)	3	SNRs (dB)	3.1

4. The earmuffs should be used, stored, and maintained in accordance with the User Instructions. If instructions are not followed by the users, the product could fail to protect the user and cause serious and irreversible injuries or hearing loss.
5. Potential misuse includes:
 - Against cold
 - Wearing during sleeping
 - Riding motorcycle
 - Driving car, truck, airplane
 - Application of paints, solvents, adhesives, or self-adhesive labels, except in accordance with instructions from the manufacturer.
 - Modifying or removing any of the original component parts of the earmuffs, other than as recommended by the manufacturer.
 - Adapting for the purpose of fitting attachments in any way not recommended by the manufacturer.
 - Re-using earmuffs which appear any breakage on parts.
 - Storage and transportation other than in the recommended manner