



DELTAPLUS
YOUR SAFETY AT WORK



INTERLAGOS



MAGNY HELMET



CONICCOPLUS



CONICMOVE

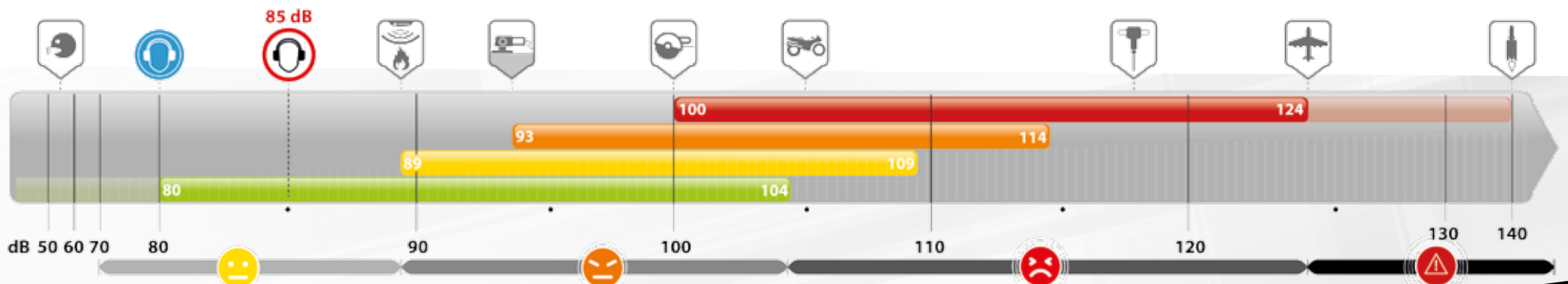
HEARING PROTECTION

HEARING PROTECTION



	PIT STOP	SUZUKA2	SPA3	PIT RADIO 2	SEPANG2	SILVERSTONE2	YAS MARINA	MAGNY COURS	MAGNY HELMET	INTERLAGOS
EN352	80 - 104 dB									
	89 - 109 dB	26 dB	27 dB	28 dB	29 dB					
	93 - 114 dB					30 dB	32 dB	32 dB	32 dB	33 dB
	100 - 124 dB									
HML	H 30 M 23 L 16	H 29 M 25 L 18	H 30 M 27 L 17	H 35 M 24 L 17	H 31 M 29 L 19	H 32 M 28 L 21	H 33 M 31 L 25	H 34 M 29 L 23	H 34 M 31 L 23	H 33 M 31 L 25
Weight	286 g	257 g	158 g	343 g	212 g	240 g	312 g	338 g	286 g	303 g
Description	Electronic Foldable	HV colour	Light	AM FM Radio	Comfort headband	BTH	Reinforced headband Foldable	Air room	Air room	HV colour Reinforced headband

• Level of Noise





	CONICMOVE	CONICAP	CONICSOF	CONICFIRDE	CONICFIR	CONICFIT	CONICPLUS	CONICCOPLUS	CONICDE	CONICCO	CONIC
80 - 104 dB	22 dB	24 dB									
89 - 109 dB			26 dB	28 dB	29 dB	29 dB					
93 - 114 dB							34 dB	34 dB			
100 - 124 dB									37 dB	37 dB	37 dB
HML	H 24 M 16 L 14	H 25 M 20 L 19	H 25 M 23 L 22	H 27 M 27 L 24	H 29 M 24 L 24	H 29 M 27 L 25	H 33 M 31 L 30	H 33 M 31 L 30	H 36 M 35 L 34	H 36 M 34 L 33	H 36 M 34 L 33
Material	PU	PU	Silicone	TPR	TPR	Silicone	PU	PU	PU	PU	PU
Ø	19 mm	18 mm	10 mm	7-11 mm	7 - 11 mm	11,5 mm	7 - 11 mm	7 - 11 mm	12 mm	12 mm	12 mm
Cord	Ergonomic headband	Foldable headband	Textile	Textile	Textile	Textile	-	Plastic	Plastic	Plastic	-
Uses	Reusable	Reusable	Reusable	Reusable Detectable	Reusable	Reusable	Disposable	Disposable	Disposable Detectable	Disposable	Disposable
Packaging	x1	x1	x10	x10	x10	x10	x200	x200	x10	x200	x10



OTH
SNR 19 dB



UTC
SNR 22 dB

SILICONE FREE



• JOBS

Agriculture/Green areas

Second work/Craftsman

Oil/Gas

Services/Logistics

Construction/Civil engineering

Hygiene Environment

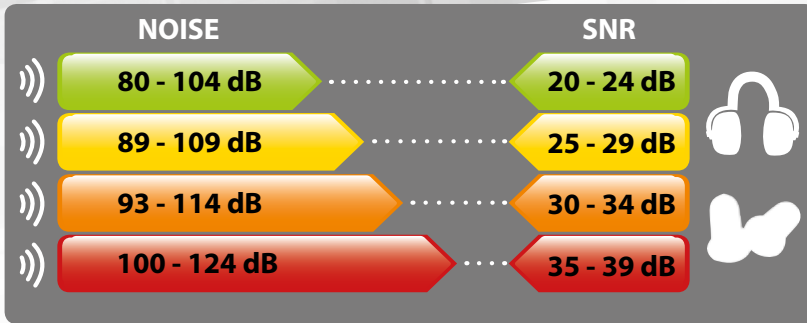
Heavy industry

Light industry

CONIC DISPLAY
x 500 CONIC500



► Attenuation values for noise



► Wearing rate

Hearing protection decreases very quickly when the protector is not worn continuously

1 DAY

2 mn of non-use (during 8h) => reduce the protective efficacy of 25%

2 h of non-use (during 8h) => loss of protective effectiveness of 75%

► How do you use the attenuation values?

- **SNR (Single Number Rating)** : Single average value of attenuation.
- **HML** : Attenuation values expressed in terms of average levels of frequency:
 - H** : Attenuation of PPE at high frequencies (pitched noises)
 - M** : Attenuation of PPE at medium frequencies
 - L** : Attenuation of PPE at low frequencies (bass sounds)

► **UTC** : Under the chin

OTH : Over the head

BTH : Behind the head

► Standards

Requirements Directive 2003/10/EC:
Minimum requirements for the protection of workers against the risks related to noise exposure

8 hours exposure time at ≥ 85 dB(A)	8 hours exposure time at ≥ 85 dB(A)	8 hours exposure time at > 75 dB(A) and ≥ 80 dB(A)
Obligatory hearing protection	Hearing protectors available to the worker	Hearing protection recommended

- **EN352** : Exigences of safety and tests.
 - **EN352-1** : the ear-muff.
 - **EN352-2** : the earplugs.
 - **EN352-3** : the adjustable head defenders for the safety helmets.
 - **EN352-6** : Earmuffs with electrical audio input.
 - **EN352-8** : Audio enabled earmuffs.
- These standards establish requirements with regards to the manufacture, the design, performances and test methods. They stipulate the putting at disposal relative to the characteristics.
- **EN458** : Hearing protection. Recommendations for selection, use and maintenance.

