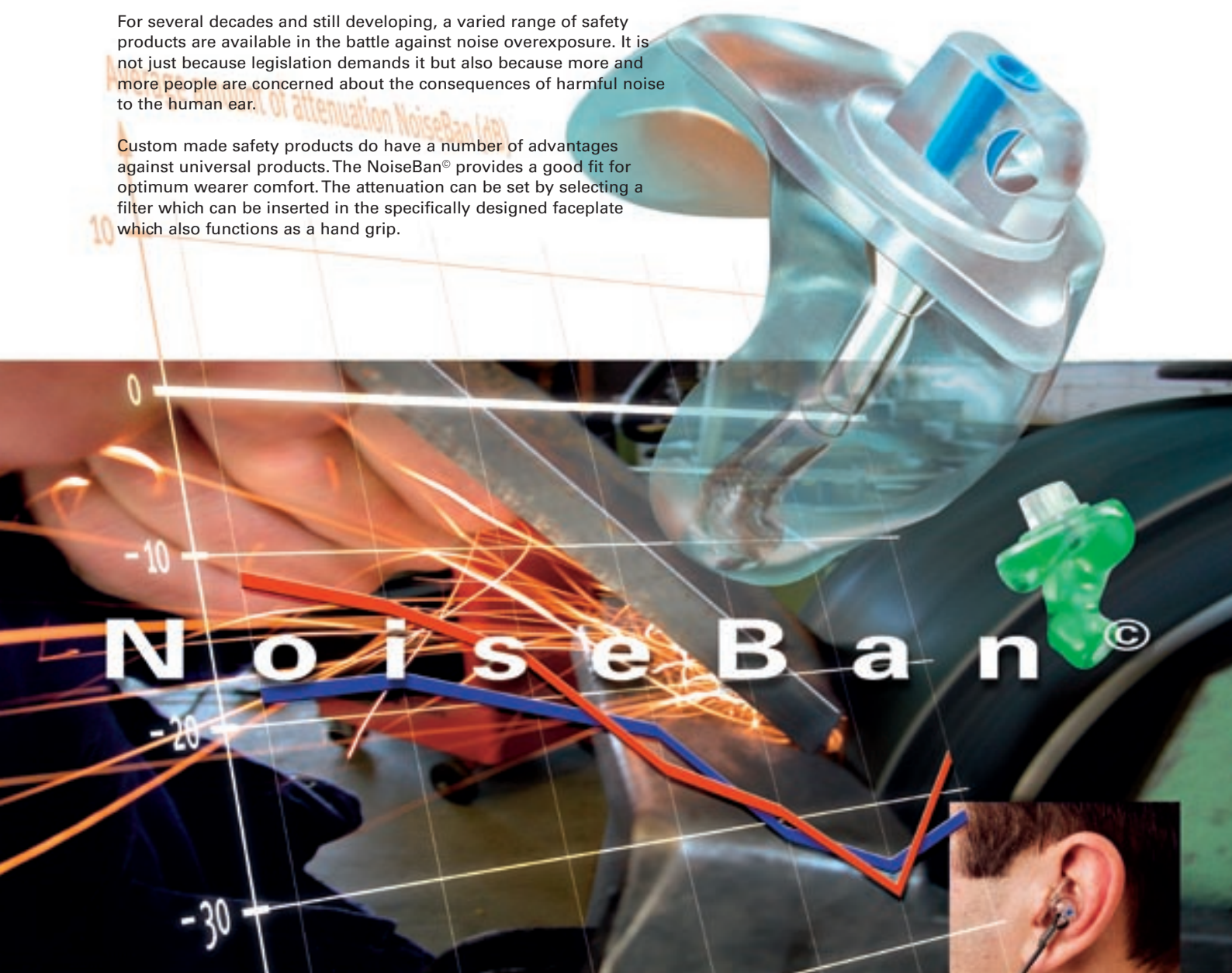


## Selective custom made hearing protection

For several decades and still developing, a varied range of safety products are available in the battle against noise overexposure. It is not just because legislation demands it but also because more and more people are concerned about the consequences of harmful noise to the human ear.

Custom made safety products do have a number of advantages against universal products. The NoiseBan® provides a good fit for optimum wearer comfort. The attenuation can be set by selecting a filter which can be inserted in the specifically designed faceplate which also functions as a hand grip.



Due to its robust design and simplicity the NoiseBan® is very user friendly. Available in various colours and it can be supplied with an optional cord and clip to prevent loss. These hearing protectors will be delivered as standard with a durable pouch, cleaning cloth and earwax remover.

### Process flow

Technicians are available for meeting at a location convenient for you. After an ear inspection, ear impressions can be made which are used in our laboratories for the manufacturing of individual hearing protectors. A second visit by a technician is necessary for the fitting and check-up.



**Attenuation according DIN EN 352-2 (1993)**

Frequency (hz)	125	250	500	1000	2000	4000	8000
M <sub>f</sub> / dB NoiseBan® with DL-20	11.5	13.8	17.5	25.4	29.4	36.1	27.3
S <sub>f</sub> / dB NoiseBan® with DL-20	5.0	3.6	4.0	4.3	4.6	3.7	6.0
APV <sub>f</sub> / dB NoiseBan® with DL-20	6.5	10.2	13.5	21.1	24.8	32.4	21.3

SNR: 21 dB(A) H: 25 dB(A) M: 18 dB(A) L: 12 dB(A)

M <sub>f</sub> / dB NoiseBan® with DL-30	18.4	18.1	20.5	22.9	31.0	34.8	30.9
S <sub>f</sub> / dB NoiseBan® with DL-30	5.4	4.4	4.1	5.7	4.3	4.4	6.8
APV <sub>f</sub> / dB NoiseBan® with DL-30	13.0	13.7	16.4	17.2	26.7	30.4	24.1

SNR: 22 dB(A) H: 24 dB(A) M: 18 dB(A) L: 16 dB(A)

M<sub>f</sub> / dB = mean attenuation S<sub>f</sub> / dB = standard deviation APV<sub>f</sub> / dB = assumed protection value  
SNR = single noise rating

BIA, 53754 St. Augustin, 0121

**Specifications**

**Classification:** 1 canal design with

selective attenuation filter

**Design:** Full concha

**Material:** Hypoallergenic acrylic

**Weight:** ± 5gr

**Special parts:** Faceplate for filter mounting

**Options**

- Various colours
- Cord
- Ball bearing
- Soft canal tip
- Soft silicon material



**Approvals**

- DIN ISO 4869-1
- DIN EN 352-2 (1993)
- 0121 CE 93
- 89/686/EWG



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