

INSTA-MOLD® SOLID FULL SHELL

This is the standard Insta-Mold custom hearing protector. It is fully CE certified and conforms to BS EN 352-2:2002. The solid full shell provides the highest level of sound attenuation within the Insta-Mold range at SNR 29dB and is suitable for most applications.

	Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Average	26.5	27.9	26.2	28.7	28.8	32.9	40.6	37.9
Std Dev	8.0	5.6	5.1	4.3	4.3	3.4	5.0	6.1
APV(dB)	18.5	22.3	21.1	24.4	24.5	29.5	35.6	31.8
	H(dB)	30.0	M (dB)	25.6	L (dB)	23.5	SNR (dB)	29.0

INSTA-MOLD® FILTERED FULL SHELL

The filtered Insta-Mold custom hearing protector offers increased awareness of environmental sounds due to a lower sound attenuation than the standard solid fit. It is fully CE certified and conforms to BS EN 352-2:2002. The Insta-Mold filtered full shell provides a sound attenuation of SNR 21dB enabling conversation and warning sounds to be heard whilst also protecting from injurious noise.

	Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Average	13.4	13.3	14.0	18.8	24.6	29.5	37.4	31.0
Std Dev	6.5	6.0	4.7	3.8	3.5	5.1	4.6	7.2
APV(dB)	6.9	7.3	9.3	15.0	21.1	24.4	32.8	23.8
	H(dB)	25.2	M (dB)	18.2	L (dB)	12.1	SNR (dB)	21.3

INSTA-MOLD® FILTERED CIC (COMPLETELY-IN-CANAL)

The filtered 'Completely-In-Canal' custom hearing protector offers a smaller discrete fit over the standard full shell Insta-Mold earplugs. It is fully CE certified and conforms to BS EN 352-2:2002. The Insta-Mold filtered CIC provides a sound attenuation of SNR 20dB enabling conversation and warning sounds to be heard whilst also protecting from injurious noise. The product is designed for wearing under tighter fitting helmets or with other PPE.

	Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Average	11.9	11.5	12.7	18.3	24.1	30.5	35.7	26.6
Std Dev	5.8	4.2	4.1	3.7	4.8	3.5	3.5	6.9
APV(dB)	6.1	7.3	8.6	14.6	19.3	27.0	32.3	19.8
	H(dB)	24.3	M (dB)	17.4	L (dB)	11.7	SNR (dB)	20.4

