

VENT SELECTION GUIDE AND CONVERSION TABLE

This is an overview of ventilations available for the different types of ear-tips and earmoulds. The ventilation effect is shown in the top row, and the corresponding vent diameters for the different ear-tips and earmoulds are shown in the rows below. The vent effect is denoted XS (extra small), to XXL (extra large).

Example: If you need a Custom Hard ear-tip – hollow shell for EASYWEAR Wired RIC S, M or P with a medium (M) vent effect, you should select a 0.8 mm vent diameter (See table).

Note: It is always recommended to perform a Feedback test when fitting a hearing aid or changing Earware.

Ventilation effect	VENTILATION						
	Closed	XS	S	M	L	XL	XXL
Ventilation effect in dB at 125 Hz *	0	- 13	-21	-26	-30	-33	-37
Classic Earmould	No vent	1.0 mm	1.5 mm	2.0 mm	2.5 mm	3.0 mm	4.0 mm
ITE & CIC**	No vent	1.0 mm	1.5 mm	2.0 mm	2.5 mm	3.0 mm	-
Custom Hard Ear-tip – hollow shell (with short vent) EASYWEAR RIC S, M & P EASYWEAR THIN TUBE 0.9 & 1.4***	No vent	0.5 mm	0.6 mm	0.8 mm	1.0 mm	1.1 mm	1.6 mm
Custom Soft Ear-tip EASYWEAR RIC S, M & P EASYWEAR THIN TUBE 0.9 & 1.4***	No vent	0.7 mm	1.1 mm	1.4 mm	1.8 mm	2.2 mm	2.9 mm
Custom Extended Ear-tip – hard and soft Special Ear-tip – Modular and Embedded Ear-tip**** Custom Receiver Earmould – hard and soft (HP receiver)	No vent	1.0 mm	1.5 mm	2.0 mm	2.5 mm	3.0 mm	-
Custom Hard Ear-tip élan thin tube (DREAM D-9 only)	No vent	-	-	0.8 mm	1.0 mm	1.2 mm	1.7 mm
Custom Hard Ear-tip – filled shell (with long vent) Old RIC S, M & P	No vent	1.0 mm	1.3 mm	1.7 mm	2.1 mm	2.3 mm	3.0 mm
Custom Receiver Earmould – hard and soft (SP receiver)	No vent	1.0 mm	1.5 mm	-	-	-	-

*The vent effect at 125 Hz is the difference in sound pressure (dB) at the eardrum between a mould/tip with a given vent size and a completely closed mould/tip. The vent effect indicates the amount of relief from occlusion obtained with a vented mould/tip.

**For CIC, a 0.8 mm relief vent (CC vent) is also an option. For ITE a Vario vent is an option. A Vario vent with maximum opening gives a medium (M) vent effect.

***When fitting EASYWEAR THIN TUBE 0.9 on "m" hearing aids it is recommended to perform a new Sensogram, Feedback test and Fine tuning because of the slight change in acoustics.

****When fitting a Custom Hard Ear-tip Special with DREAM, see the fitting guide: www.widex.pro/fittingguide