

AllFit domes

Your guide to the best fit for every patient

Discover the lineup of AllFit domes, designed for the best comfort and acoustic performance.¹ Available in 19 options with increased coverage to at least 97% of ear types and sizes.¹ This guide is intended to help distinguish between the variety of AllFit dome offerings. The fitting range recommendations are suggestions to help manage your selection. Your dome decisions may consider additional factors such as individual ear anatomy, acoustic factors, and patient comfort. The perfect fit will be unique for each patient and ultimately determined by you, the true expert.

1. GN proprietary data on file (2025)

AllFitdome overview

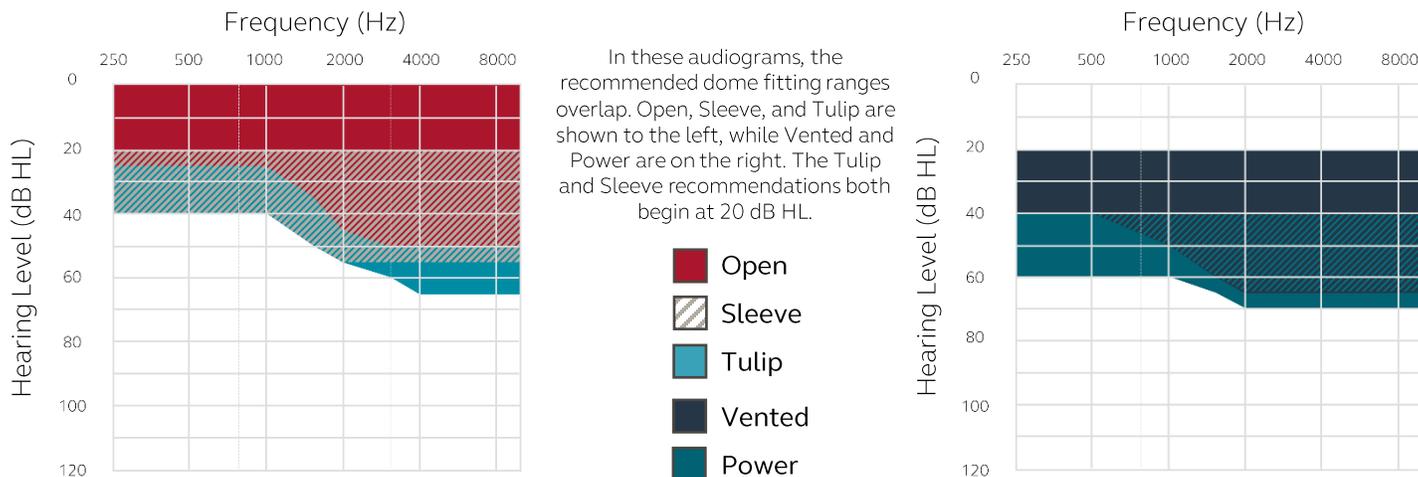
	 AllFit Open dome	 AllFit Tulip dome	 AllFit Sleeve dome	 AllFit Vented dome	 AllFit Power dome
Characteristics	As the most open dome, it is ideal for users who still benefit from hearing naturally in combination with amplification.	Its flexible shape makes it a comfortable choice for many ear canals, especially narrow or curvy. The Tulip dome is a good alternative when an Open dome may be at risk for feedback.	The Sleeve dome's unique, hollow-cavity shape offers a soft, comfortable option for narrow or collapsing ear canals. It provides more stable gain than the Tulip.	The Vented dome offers a more occluding fit in the ear canal than the Open, Tulip, and Sleeve domes, while still allowing for some venting through its small openings.	As the most occluding dome, it maintains low frequencies with minimal roll off. It is ideal for fittings that require more gain which may be at risk for feedback with other dome types.
Streaming sound quality	While the Open dome provides a minimal boost in streaming sound quality, it has a smoother frequency response with more bass than the SureFit 3 Open dome.	The Tulip dome offers better sound quality when streaming than the Open dome due to its semi-closed nature.	The Sleeve dome provides a comfortable open feel with the fuller bass response of the Vented dome when streaming.	The Vented dome provides more bass response than the Open, Tulip, and Sleeve domes, resulting in a fuller sound quality when streaming.	The Power dome provides the greatest amount of bass response which offers superior streaming sound quality.
Hearing profiles for which it is recommended	Mild to moderate hearing loss, with normal or borderline normal hearing in the low and mid frequencies.	Mild, moderate or steeply sloping hearing loss.	Mild to moderate, or sloping hearing loss. Its stable gain makes it the preferred choice for M&RIE fittings.	Mild to moderately-severe hearing loss.	Moderate to moderately-severe hearing loss.
Available sizes	XS, S, M, L, XL	S, M	S, M, L	XS, S, M, L, XL	S, M, L, XL
Recommended SureFit 3 & 2C receivers/ tubing	LP, MP, Thin Tube	LP, MP, MM, Thin Tube	LP, MP, MM	LP, MP, HP, MM, Thin Tube	MP, HP, MM, Thin Tube
Occlusion scale	●○○○○	●●○○○	●●○○○	●●●○○	●●●●○

See fitting range recommendations on the reverse side.

Improvements and benefits

- **Enhanced wax protection** – The new loop combined with the underlying mesh screen creates a double barrier to cerumen ingress. The system allows for easier removal of debris from the loop before clogging and blocked sound pathways can occur.
- **Firmer material** – By increasing the thickness of the silicone, the AllFit domes are more durable and stable, reducing the risk of feedback and buckling while providing fuller sound quality.
- **More sizes** – A greater number of size offerings provide more flexibility and comfort in fitting.

Recommended AllFit dome fitting ranges



Size selection

Finding the right size is important for placement retention, sound clarity, and comfort. When inserted, a good fitting dome will be comfortable and secure enough that it provides a slight resistance upon removal.

Consider increasing dome size when...

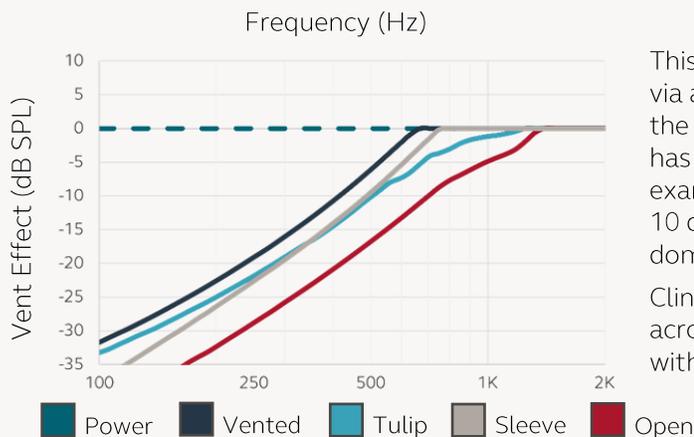
- The receiver moves out of the ear canal easily
- The hearing aid users report that the dome tickles or is itchy
- If feedback occurs

Consider decreasing dome size when...

- The receiver does not insert to a proper depth inside their ear canal
- If the hearing aid user reports discomfort, tightness, pressure or a muffled or distorted sound quality

Otосcopy and feedback calibration may help determine when to change dome size or style for each ear. If feedback or discomfort persists, consider a custom earmould.

Vent effect graph



This graph shows how much low frequency venting is measured via an ear simulator (711 coupler). The more negative the value, the more sound escapes the ear canal. Overall, the Power dome has the least venting and the Open dome has the most. For example, at 500 Hz, venting is about 6 dB for the Vented dome, 10 dB for the Sleeve and Tulip domes, and 17 dB for the Open dome.

Clinically, you can expect vent effect measurements to vary across individuals and dome types, and this variation is greatest with the Power dome.