

EAR SEALS

Featuring Comply[™] Foam Technology

Advanced Hearing Protection, Clear Communication, Optimal Comfort

Compatible with most Gentex Fixed and Rotary Wing Helmet Systems, the Gentex Ear Seals featuring Comply Foam Technology provide increased mission effectiveness by enhancing passive attenuation and reducing fatigue. The Gentex Ear Seals provide improved hearing protection and communications, as well as optimum seal integrity, a key factor in noise blocking and hearing safety.



Featuring Comply Foam Technology

KEY FEATURES

Innovative Patented Technology

Advanced patented memory foam provides increased conformability to facial features and around eye glasses, ensuring a more complete seal for limited acoustic leaks.

Optimal Hearing Protection

Proprietary high attenuation foam reduces noise in low frequency ranges (< 200 Hz), where hearing damage is of greatest concern in helicopter noise environments. Attenuation is significantly improved around 1KHz to further enhance speech intelligibility.

Maximum Comfort

Patented Comply Ear Seal technology reduces factors contributing to pilot workload. Soft viscoelastic memory foam exerts minimal pressure on the head of the user while helping goggles and glasses to stay in place. The slow-recovery, breathable foam remains comfortable during long-term use while reducing irritation, fatigue and decreasing helmet adjustments.

Improved Passive Attenuation

Improved passive attenuation of up to 5 dB provides increased hearing protection and speech intelligibility, enhancing mission effectiveness.

Seamless Integration

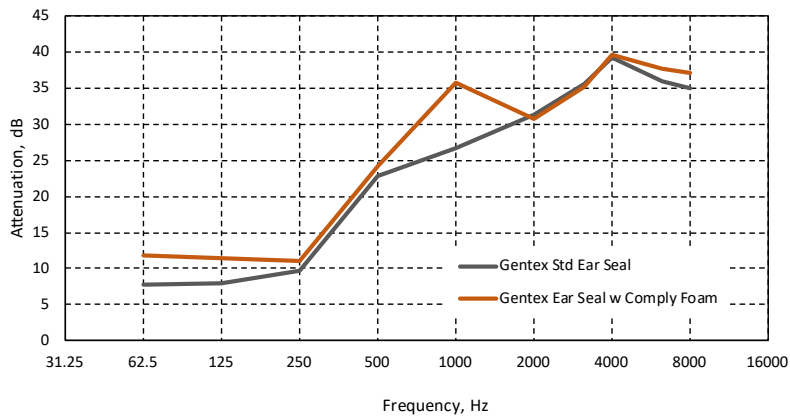
The Gentex Ear Seals featuring Comply Foam Technology are compatible with commercial and military variations of the:

- Gentex HGU-56/P Improved Rotary Wing Helmet System
- Gentex HGU-55/P Fixed Wing Helmet System
- Gentex HGU-84/P Rotary Wing Helmet System
- Gentex SPH-5 Rotary Wing Helmet System

Dedicated to Improving Hearing Protection and Communications

Gentex is dedicated to developing fully integrated products that significantly improve hearing protection and communications for personnel operating in continuous, extreme noise environments, such as those found in the oil and gas, construction, military, heavy industrial, mining, metalworking, chemical and aerospace industries. For more information on the Gentex Ear Seals featuring Comply Foam Technology, please contact Gentex at sales@gentexcorp.com or one of our authorized distributors through www.gentexcorp.com. Like us at facebook.com/Gentexcorp or follow us on Twitter @Gentex_Corp.

STANDARD GENTEX EAR SEAL VS GENTEX EAR SEAL FEATURING COMPLY FOAM TECHNOLOGY



Frequency (Hz)	Gentex Standard Ear Seal (dB)	Gentex Ear Seal with Comply Foam Technology (dB)	Gentex Standard Ear Seal SD	Gentex Ear Seal with Comply Foam Technology SD
63	7.8	11.8	2.5	1.9
125	7.9	11.5	1.7	2.4
250	9.8	11.1	1.7	0.4
500	22.9	24.1	1.4	1.2
1000	26.7	35.7	2.8	2.2
2000	31.3	30.7	2.8	2.8
3150	35.6	35.2	2.3	2.3
4000	39.2	39.7	1.8	2.1
6300	36.0	37.7	3.1	3.6
8000	35.0	37.2	1.9	1.8

Part Number for One Ear Seal: **A14490-1**

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