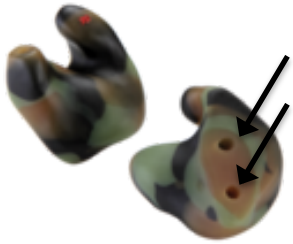


How Do DefendEar. Hunter Passive Earplugs Work?

The filter arrangement operates on the concept of small orifice acoustics, where the resistance to allowing sound through the small orifice increases with the increasing sound pressure level of the impulse sound.



Two parallel sound paths that lead into the sound bore are on the outside of the earplug. Each of these sound paths houses a small orifice filter that limits the attenuation of softer ambient sounds while increasing the attenuation of the loud impulsive sounds like gunshots.