

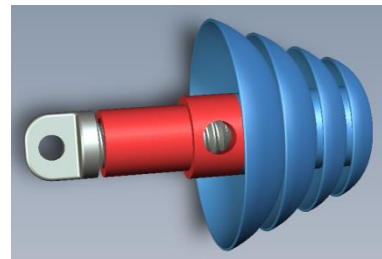
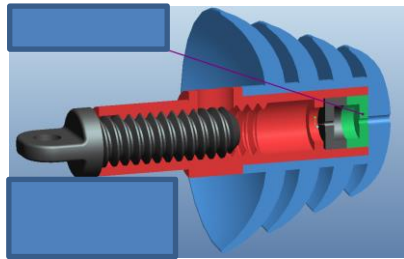
Earplug

Background:

Artillery and Armoured Corps personnel are exposed to high intensity impulse noise of upto 163 dB peak. Traditional earplug provides noise attenuation but drastically reduces the intelligibility of command and instructions

Key Benefits:

- Exceptional ear plug is a level dependent earplug is designed to provide the protection against impulse (weapon) noise encountered during the firing of majority of weapons.
- Its protection efficiency increases with the increase in the peak noise level.
- Gives little/ no attenuation against the peak noise level of 110dBpeak and less.
- It allows vocal communication/commands to be heard by the users.
- It can also be used for protection against NIHL against continuous noise
- It protects the personnel against NIHL, engaged in occupational noisy environments of Armed Forces and in general in civil sector as well.



Potential Applications:

- Protect from Noise Induced Hearing Loss
- Improve speech intelligibility below 110dB peak