3M Science.
Applied to Life.™

3M™ Defence &
Law Enforcement
Portfolio

BENELEC
Innovative Radio Technology

3M | PELTOR™

We strive to set the standard for confidence and trust by providing rugged, reliable protective communication equipment.

3M™ PELTOR™ Solutions for today's modern warfighter have been designed for use in combat and combat support operations, specifically for use with firearms and ballistic combat helmets. The hearing protectors feature external microphones for environmental listening (aka *Talk-Through*) capability, so operators can maintain auditory situational awareness while protecting their hearing.

With more than 60 years of experience, the PELTOR™ Brand promises quality communication solutions that help provide an excellent balance of comfort and protection.

The advanced engineering and technology inherent with the PELTOR™ Brand fits with the high standard of quality and innovation of a continuously evolving range of product solutions that you, our customers, come to expect from 3M.

Contents

New products

Highest attenuation on the market*

3M™ PELTOR™ CH-5 High Attenuation Communication Headset. **Learn more on page 24**

*As of May 2017

## Small and lightweight with situational awareness

The 3M™ PELTOR™ TEP-200 Tactical Earplug. **Learn more on page 32**

3M | PELTOR™

A soldier´s senses must be sharp at all times to enable successful operations. Hearing can be just as critical as vision, both in darkness and daylight.

Noise levels are often so high that they can cause immediate and permanent damage to one´s hearing if proper protection is not worn.

He or she must be able to hear incoming radio signals without the risk of revealing the actual location. A snapping twig or a whispered message must be heard and located. Communication over the radio must be possible, even in deafening combat situations.
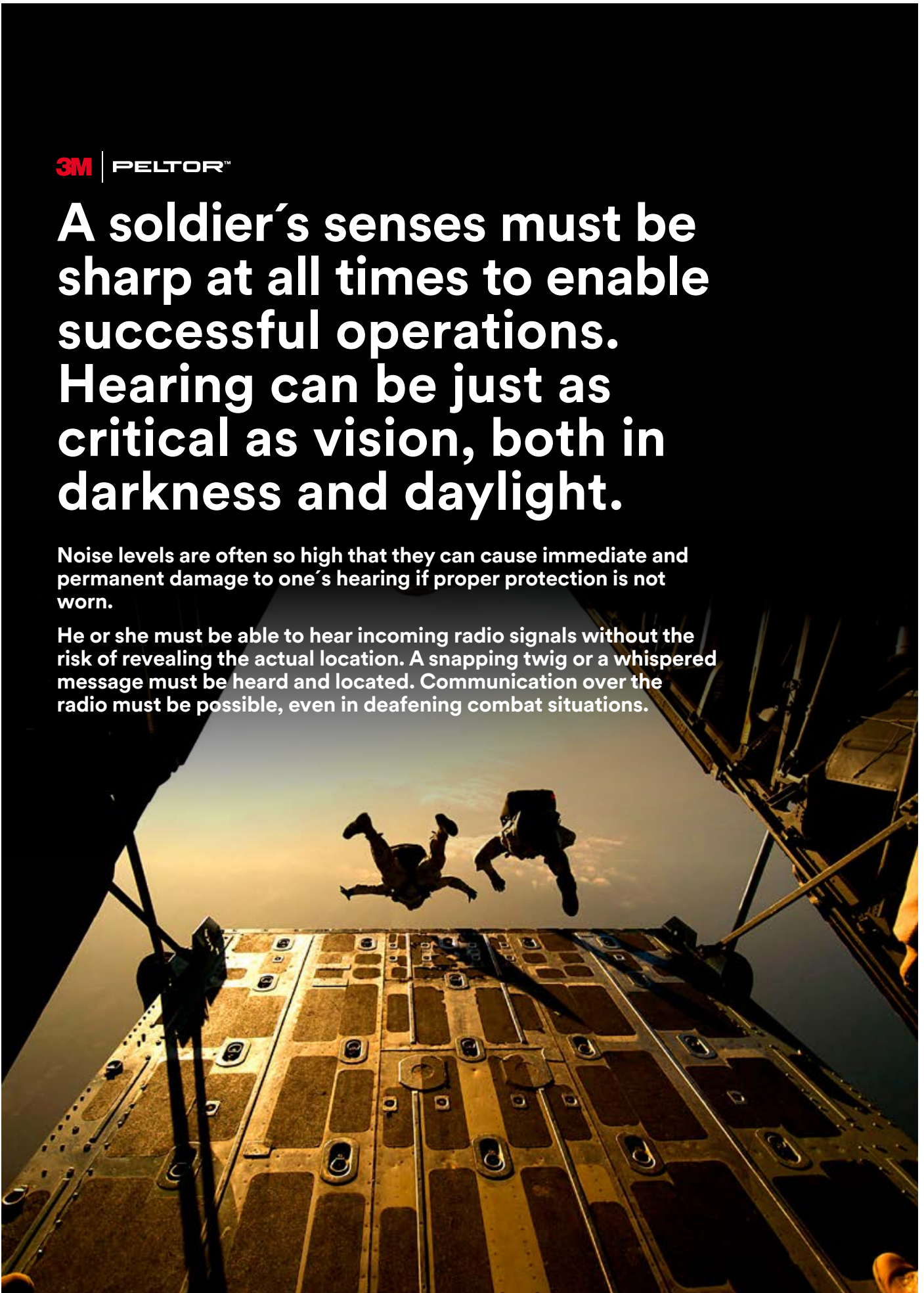
3M | PELTOR™

# Communication and hearing protection
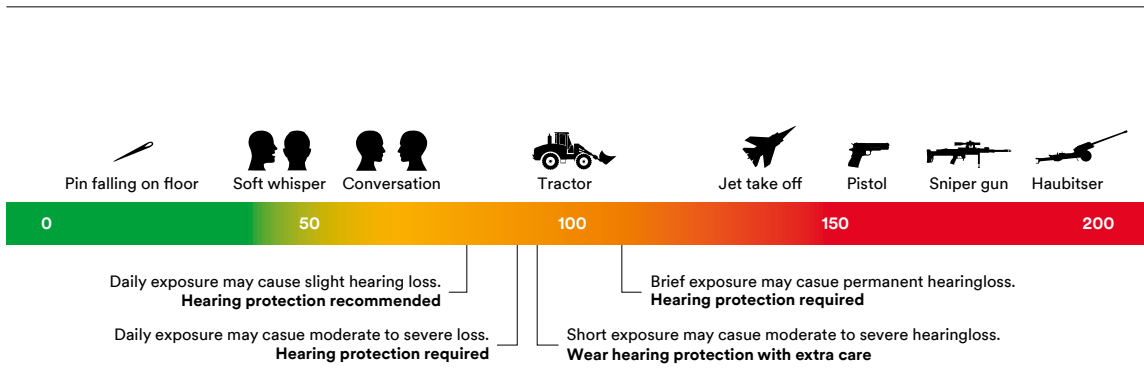
Easy To Damage – Easy To Protect

The human ear is designed to pick up natural sounds. All of our exciting machines and inventions have created a whole range of unnatural sounds that the ear isn't designed to handle. When the stereocilia are repeatedly exposed to excessive doses of noise, they break. The surviving stereocilia can only handle a fraction of the usual information transfer, and permanent hearing damage is the result.
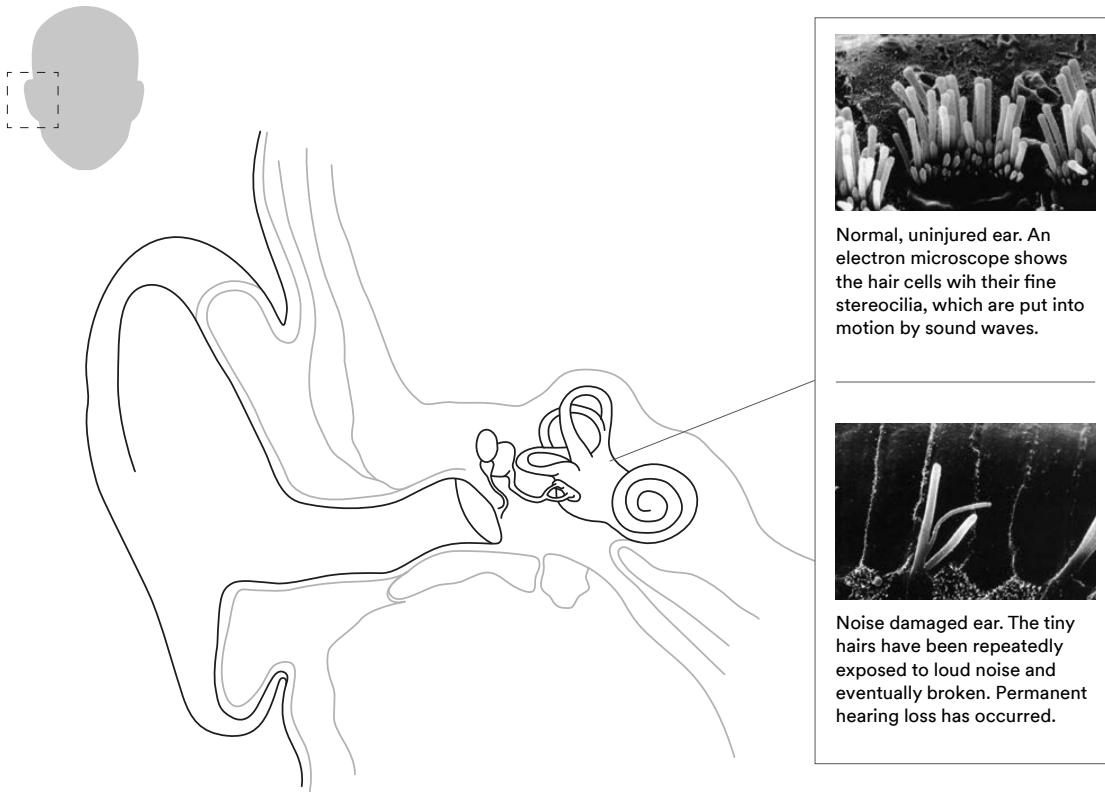
Normal, uninjured ear. An electron microscope shows the hair cells wih their fine stereocilia, which are put into motion by sound waves.
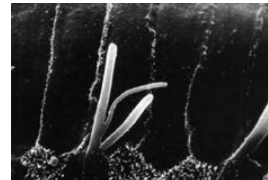
Noise damaged ear. The tiny hairs have been repeatedly exposed to loud noise and eventually broken. Permanent hearing loss has occurred.

Pin falling on floor	Soft whisper	Conversation	Tractor	Jet take off	Pistol	Sniper gun	Haubitser

0	50	100	150	200

Daily exposure may cause slight hearing loss.
Hearing protection recommended

Brief exposure may casue permanent hearingloss.
Hearing protection required

Daily exposure may casue moderate to severe loss.
Hearing protection required

Short exposure may casue moderate to severe hearingloss.
Wear hearing protection with extra care

Five minutes of carelessness

A damaged ear cannot be repaired. Noise in the environment is one of the most common causes of hearing impairment.

We can only tolerate a limited daily dosage of noise. How harmful the noise is depends on the exposure time in combination with the sound level. Five minutes of carelessness during an eight-hour working day could result in impaired hearing for the rest of your life. Full-time wear is therefore the only way to guarantee protection.

Safety

To be effective, a hearing protector should be used 100% of the time in noisy environments. Even taking it off for a short time dramatically reduces its effectiveness and greatly increases the risk of hearing damage.

The 3M™ PELTOR™ Headsets with level-dependent microphones for ambient listening and Bluetooth® technology encourage longer use because the wearer feels less isolated and can communicate with others more easily.

100%
usage

99%
usage

90%
usage

Gives the expected protection

Just fiev minutes of carelessness per day Significantly increased risk of hearing damage

Virtually no protection

Selection guide

Do you need Communication? — Yes → **Do you prefear in-ear before over-ear?** — Yes →

No ↓

Do you need situational awareness? — Yes →

No ↓

3M™ PELTOR™ CH-5 High Attenuation Headset
(See page 26)

No ↓ (from "Do you need Communication?")

Do you need situational awareness? — Yes →

No ↓

Choose among our earmuffs or earplugs
(See page 42)

Choose among our level dependent product range
(See page 32, 38)

![BENELEC - Innovative Radio Technology]

3M™ PELTOR™ ComTac XPI Headset
(See page 14)

3M™ PELTOR™ TEP-200 EU
(See page 32)

Select: Colour

Green   Black

Select: Radio communication
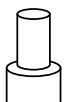
No radio connection   Single comm   Dual comm   Dual comm split audio   Neck Loop

Select: Microphone type

⊘
No Mic   Standard   Flex   Bone   Throat

Select: Wiring

PELTOR J11   NATO J11   Stereo J11   LEMO

● MIC –
● MIC +
● Earphone +
● Earphone -
● Earphone L +
● Earphone R +
● MIC – (com. ground)

*3M™ PELTOR™ ComTac IV Headset only available with Single comm, Flex mic, PELTOR J11, NATO J11 and Stereo J11 wiring.

BENELEC
Innovative Radio Technology

ComTac Headset Solutions

Being able to communicate with your surroundings whilst at the same time being protected from harmful noise levels is a vital necessity in the military, both for exercises and battle situations. Noise levels are often so high that they can cause immediate, permanent damage to your hearing if proper hearing protection is not worn.

The 3M™ PELTOR™ ComTac Product range includes invaluable tools for people who are subjected to impulse noises. 3M™ PELTOR™ ComTac Products help protect against harmful noise while letting in and sometimes even amplifying quiet ambient sounds.

3M™ PELTOR™ ComTac XPI

Headset Features

Hearing Protection
Noise attenuating ear cups help provide hearing protection in environments with potentially hazardous noise

Great Connectivity
The external radio jack or connection cable provides the possibility to connect to an external communication device

Easy to use
The headset is controlled with two buttons along with a ghost voice to help guide you through the settings.

"Plug and play", no start up time

Level dependent – Situational Awareness

Environmental Listening is a means of allowing safe audio sounds to bypass the individual hearing protection while still protecting against harmful noises. This is accomplished with a proprietary digital audio circuit integrated into the headset.

A microphone receives the sounds outside the headset and transmits them to a speaker inside the headset. The Level-Dependent digital audio circuit senses noise levels above the desired threshhold and compresses them to a safe decibel level (82dB A) or amplifies weak sounds to an audible level.

Fail-safe mode

External communication and "Level dependent - Situation Awareness" are battery independent for Rx/Tx, fail safe mode.

In the event of battery depletion or other power failure, external communications will continue to function.

BENELEC
Innovative Radio Technology

Slim design
Designed to be worn comfortably under
a helmet and used with different kinds
of weapons without interference

Situational Awareness
Level-dependent function for situational
awareness and communication

Detachable Microphone
Easy to adjust and fit in to place

Gel Ring for more comfort
in certain conditions.
Learn more on page 49

Water resistant microphone

The new noise canceling microphone is based on enhanced technology that makes it watertight and gives you built-in wind protection. The special design of the microphone also improves your speech intelligibility.

● Water resistant microphone IP68 (3m/30min)
● Improved communications in windy environment
● Functional after water contact
● Easy to clean
● Headset has backward compatibility with dynamic microphones
● Improved Noise performance

Microphone types

Standard microphone – An ambient noise cancelling dynamic microphone.
Flexi boom microphone – Has a flexible arm.
Throat microphone – Connects to the microphone jack. Works well with gasmasks and respirators.

Comtac XPI Headset

SLC80
27dB
attenuation
with maintained situational awareness

Comtac XPI Headset with earplug mode

SLC80
32dB
attenuation
with maintained situational awareness

Earplug mode

With small arms fire potentially achieving levels of 160 dB or greater, dismounted troops are particularly at risk as they no longer have the noise protection provided by armoured fighting vehicles. Soldiers in therse situations desperately require situational awareness, and are often unable to wear the earmuffs and earplugs worn in training and by heavy artillery personnel.

The Comtac XPI headset provides a noise reduction of SLC80 27dB. This level of attenuation increases to SLC80 32 dB when worn with an 3M™ E-A-R™ Classic™ Earplug, but due to the Comtac XPI headset's innovative "plug mode", the environmental listening is unaffected, and the user maintains situational awareness.

Dual protection is necessary in order to help protect from high risk noise such as mortars, artillery and anti tank weapons.

Bone Conduction Microphone

Bone conduction technology has been around for many years as a tool to help those with hearing loss.

A microphone with bone conduction picks up the sound of your voice through the vibration of the bones of your face (jaw bones and cheek bones). In other words the sound waves do not need to pass out through the mouth and into a microphone in front of it.

This allows communication without a need for any cables or anything obtrusive in front your mouth which can be useful when, for example, wearing a gasmask.
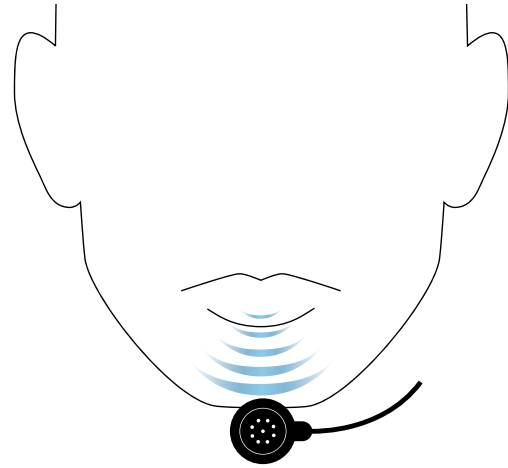
Standard microphone

- **No cables needed**

- **Effective when wearing a gasmask**

- **Nothing obtrusive in front of the mouth**
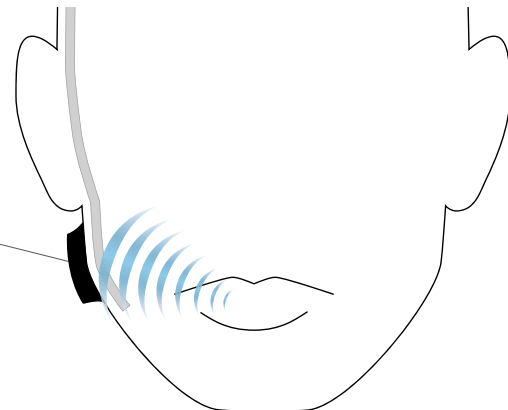
Bone Conduction microphone

Headband styles

Folding headband

Takes little space in backpack or pocket. Sealing rings are protected against soiling and damage.

Neckband

Compatible with many types of other protective equipment.

Helmet rail attachment

For use with most ballistic helmets with rails. **NOTE! Not tested according to PPE directive 89/686/EEG.**

3M™ PELTOR™ ComTac XPI Headset

Electronic Level Dependent Hearing Protection

Hearing protection	√
Detachable microphone	
Level-dependent function for ambient listening	√
Earplug mode	√
Automatic power off	√
Self contained electronics within the headset with power fail safe	√
Tested according to military standards*	√
Headband types Neckband Helmet attachment Foldable headband	√
Battery life ~ 200h**	

* MIL-STD-810G, EMC-MIL-STD-461F

** Battery & temperature dependent

Description	3M product code	Reference Id	Attachment
ComTac XPI Standard Headset, Green	XH001680905	MT20H682FB-02	Foldable head band
ComTac XPI Standard Headset, Black	XH001680988	MT20H682FB-02 SV	Foldable head band

BENELEC
Innovative Radio Technology

3M™ PELTOR™ ComTac XPI Headset

Electronic Level Dependent Headset

Hearing protection	√
Detachable microphone	√
Level-dependent function for ambient listening	√
Earplug mode	√
Automatic power off	√
Self contained electronics within the headset with power fail safe	√
Tested according to military standards*	√
Headband types Neckband Helmet attachment Foldable headband	√ √ √
Battery life	~ 200h**

* MIL-STD-810G, EMC-MIL-STD-461F
** Battery & temperature dependent
*** Not tested according to PPE directive 89/686/EEG

3M™ PELTOR™ wired Headset

Description	3M product code	Reference Id	Attachment
ComTac XPI Headset J11, Green	UU001501269	MT20H682FB-38	Foldable Head band
ComTac XPI Headset J11, Black	UU001501285	MT20H682FB-38 SV	Foldable Head band
ComTac XPI Headset J11 Neckband, Green	UU001501053	MT20H682BB-38	Neckband
ComTac XPI Headset J11 Neckband, Black	UU001501061	MT20H682BB-38 SV	Neckband
*** ComTac XPI Headset J11 Helmet Attach, Green	UU001501293	MT20H682P3AD-38	Helmet attach.
*** ComTac XPI Headset J11 Helmet Attach, Black	UU001501301	MT20H682P3AD-38 SV	Helmet attach.
ComTac XPI Headset J11, Flexi boom mic. Green	UU001501103	MT20H682FB-68	Foldable Head band
ComTac XPI Headset J11, Flexi boom mic. Black	UU001501814	MT20H682FB-68 SV	Foldable Head band

NATO wired Headset

Description	3M product code	Reference Id	Attachment
ComTac XPI Headset J11, "NATO" wiring	XH001680913	MT20H682FB-86	Foldable Head band
ComTac XPI Headset J11, "NATO" wiring	XH001681036	MT20H682FB-86 SV	Foldable Head band
ComTac XPI Headset J11, Neckband "NATO" wiring	UU001501079	MT20H682BB-86	Neckband
*** ComTac XPI Headset with rails attachment for exampel OPS-core helmet, "NATO" wiring	XH001681044	MT20H682P3AD-86	Helmet attach.
ComTac XPI Headset w flexi boom mic, "NATO" wiring	XH001681051	MT20H682FB-87	Foldable Head band
ComTac XPI Headset for dubble communication, Flexi boom mic, "NATO" wiring	UU001501087	MT20H682FB-19B	Foldable Head band

Stereo wired Headset

Description	3M product code	Reference Id	Attachment
ComTac XPI Headset J11, Stereo wiring	XH001680897	MT20H682FB-88	Foldable Head band

Direct leed Headset for SELEX PRR radio

Description	3M product code	Reference Id	Attachment
ComTac XPI Headset for Selex PRR, Flexiboom mic	UU001501848	MT20H682FB-89	Foldable Head band
ComTac XPI Headset for Selex PRR, Standard mic	UU003091899	MT20H682FB-90	Foldable Head band

3M™ PELTOR™ ComTac XPI Headset

Electronic Level Dependent Headset with Bone Conduction Microphone

Hearing protection	√
Detachable microphone	√
Level-dependent function for ambient listening	√
Earplug mode	√
Automatic power off	√
Self contained electronics within the headset with power fail safe	√
Tested according to military standards*	√
Headband types Neckband Helmet attachment Foldable headband	√
Battery life	~ 200h**

* MIL-STD-810G, EMC-MIL-STD-461F

** Battery & temperature dependent

Headset with Bone conductive microphone

Description	3M product code	Reference Id	Attachment
ComTac XPI Headset with bone conduction mic. for SELEX PRR radio, Green	XH001681002	MT20H682FB-69	Foldable head band
ComTac XPI Headset with Bone cond. mic. J11	UU007823477	MT20H682FB-97	Foldable head band
ComTac XPI Headset with Bone cond. mic Nato J11	UU007823501	MT20H682FB-98	Foldable head band
ComTac XPI Headset with Bone cond. mic. J11, STEREO	UU003026984	MT20H682FB-95	Foldable head band

Attenuation tables

MT20H682FB-*1

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	15.2	18.0	26.5	30.5	30.7	33.3	35.9
Standard deviation (dB)	3.3	2.5	3.3	2.8	3.8	2.5	3.6
Assumed Protection Value (dB)	11.9	15.5	23.2	27.7	26.9	30.8	32.3

According to **AS/NZS 1270:2002**   **SLC80 27dB (Class 5)**

MT20H682BB-*1

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	8.0	10.9	18.2	25.7	28.6	31.5	32.8
Standard deviation (dB)	4.0	4.8	5.6	4.4	2.6	5.2	5.8
Assumed Protection Value (dB)	4.0	6.1	12.6	21.3	26.0	26.3	27.0

According to **AS/NZS 1270:2002**   **SLC80 20dB (Class 3)**

Earplug mode

MT20H682FB*
in combination with 3M™ E-A-R™ Classic™ earplug (EAR Plug mode)

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	33.6	35.5	40.8	51.4	44.7	37.0	48.1	44.8
Standard deviation (dB)	4.4	5.8	5.0	6.6	4.8	3.6	4.9	4.8
Assumed Protection Value (dB)	29.1	29.7	35.8	44.9	40.0	33.5	43.3	40.0

According to **AS/NZS 1270:2002**   **SLC80 27dB (Class 5)**

3M™ PELTOR™ ComTac XPI Headset
Selection matrix

Models in green

3M ID	Product Description	Colour	Band Style			Mik typ.				Connector			
			F-Band	Neck-band	P3AD	Bone	Standard	Flex	No Mic	PELTOR J11	NATO J11	Stereo J11	LEMO
XH001680905	MT20H682FB-02 ComTac XPI	●	●						●				
UU001501087	MT20H682FB-19B ComTac XPI double leads	●	●					●			●		
UU001501095	MT20H682FB-33 ComTac XPI curld cable	●	●				●			●			
UU001501269	MT20H682FB-38 ComTac XPI Headset	●	●				●			●			
UU001501053	MT20H682BB-38 ComTac XPI Headset	●		●			●			●			
UU001501293	*** MT20H682P3AD-38 ComTac XPI Headset	●			●		●			●			
UU001501103	MT20H682FB-68 ComTac XPI Headset Flex Mic	●	●					●		●			
XH001681002	MT20H682FB-69 ComTac XPI Bonecond. mic	●	●			●							●
XH001680913	MT20H682FB-86 ComTac XPI Headset, NATO	●	●				●				●		
UU001501079	MT20H682BB-86 ComTac XPI neckband NATO	●		●			●				●		
XH001681044	*** MT20H682P3AD-86 ComTac XPI Helmet NATO	●			●		●				●		
XH001681051	MT20H682FB-87 ComTac XPI Flex Mic NATO	●	●					●			●		
XH001680897	MT20H682FB-88 ComTac XPI Headset Stereo	●	●				●					●	
UU001501848	MT20H682FB-89 ComTac XPI Selex PRR	●	●					●					●
UU003091899	MT20H682FB-90 ComTac XPI Selex PRR	●	●				●						●
UU003026984	MT20H682FB-95 ComTac XPI Bone mic Stereo	●	●			●						●	
UU007823477	MT20H682FB-97 ComTac XPI Bone mic J11	●	●			●				●			
UU007823501	MT20H682FB-98 ComTac XPI Bone mic Nato	●	●			●					●		

*** Not tested according to PPE directive 89/686/EEG

Models in black

3M ID / SAP ID	Product Description	Colour	Band Style			Mik typ.				Connector			
			F-Band	Neck-band	P3AD	Bone	Standard	Flex	No Mic	PELTOR J11	NATO J11	Stereo J11	LEMO
XH001680988	MT20H682FB-02 SV ComTac XPI	●	●						●				
UU001501285	MT20H682FB-38 SV ComTac XPI Headset	●	●				●			●			
UU001501061	MT20H682BB-38 SV ComTac XPI Headset	●		●			●			●			
UU001501301	*** MT20H682P3AD-38 SV ComTac XPI Headset	●			●		●			●			
UU001501814	MT20H682FB-68 SV ComTac XPI Headset Flex Mic	●	●					●		●			
XH001681036	MT20H682FB-86 SV ComTac XPI Headset NATO	●	●				●				●		

*** Not tested according to PPE directive 89/686/EEG

BENELEC
Innovative Radio Technology

High Attenuation Headset

Designed to be used in extreme military environments such as tanks (crew headsets), ground crew around fighter jets, and helicopters. The CH-5 Headset employs the latest technology to help provide protection against hazardous levels of noise including impact sounds.

The 3M™ PELTOR™ CH-5 High Attenuation Headsets offer a high SNR value and impact sound protection. Works great together with 3M™ PELTOR™ PTT Adapters or direct to an intercom system.

3M™ PELTOR™ CH-5 High Attenuation Headset

Headset Features

Highest SNR on the market*

With new innovative technology and design, the CH-5 headset helps protect against hazardous noise levels and very loud sounds.

Robust construction

Designed to cope with the rough and extreme environments in and around battle tanks during live firing conditions. Easy to maintain.

Foto: Saab | Copyright Saab AB   *As of May 2017

BENELEC
Innovative Radio Technology

3M™ PELTOR™ CH-5 High Attenuation Headset

Communication headset with highest SNR on the market*

Stainless Steel Wire Headband
Wire headband offers comfortable and consistent pressure

Hearing protection	√
Dynamic water tight boom microphone	√
Tested according to CE standards	√
Stainless Steel Wire Headband	√

Water tight microphone
Dynamic water tight boom microphone (IP 68) (3meter / 30min)

Hearing Protection
Noise attenuating ear cups help provide hearing protection in environments with potentially hazardous noise.

Cable type
Reinforced with fibre thread

Description	3M product code	Reference Id	Attachment
Hearing protector, J11 PELTOR connection	UU008027532	MT73H450A-38	Headband
Hearing protector, J11 NATO connection	UU008027565	MT73H450A-86	Headband

Attenuation tables

MT73H450A-38, MT73H450A-86							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	25.5	26.2	37.8	43.1	39.0	41.8	40.0
Standard deviation (dB)	3.0	2.5	3.4	2.7	2.7	3.2	3.2
Assumed Protection Value (dB)	22.5	23.7	34.4	40.4	36.3	38.6	36.8

According to **AS/NZS 1270:2002**   **SLC80 37dB (Class 5)**

The product has been tested in accordance with the impulse test requirements of ANSI S12.42

*As of May 2017

Adapters and Cables

3M™ PELTOR™ Adapters are equipped with an audio output via standard J11 connector, which means that our complete range of standard headsets can be used without any adaptation. The outgoing cord is equipped with connectors for communication radios or telephones. We can fit most of the common radios/phones on the market.

BENELEC
Innovative Radio Technology

Adapters and Cables

Features

Radio Connections

Able to connect various radios and Intercom systems on the market.

Sturdy design

Can be used with a gloved hand. Designed to reduce accidental activation. Water-resistant.

360° turnable clip

Design to accommodate left and right handed operators. For secure fastening on garments.

BENELEC
Innovative Radio Technology
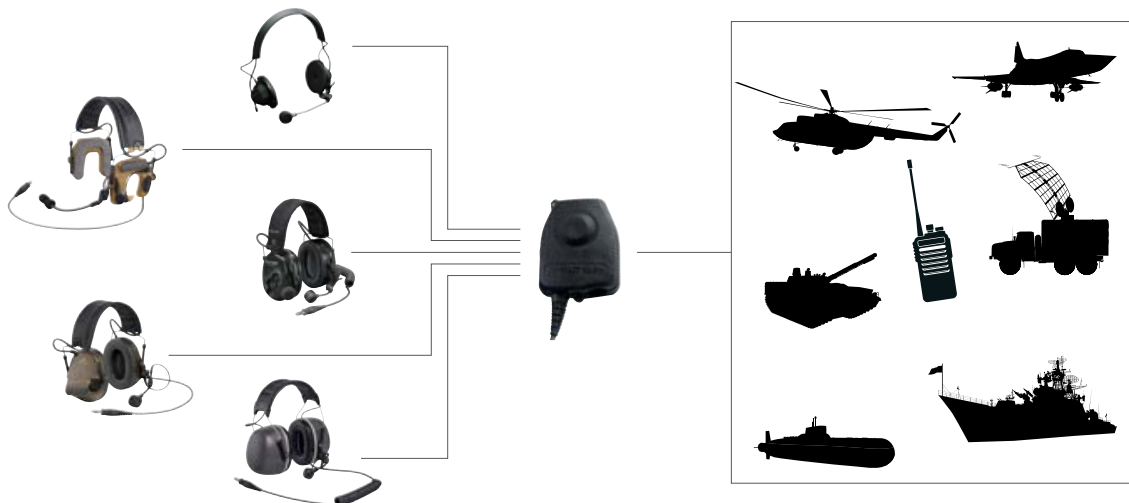
3M™ PELTOR™ Adapter
Single PTT FL4000

- Small, strong and easy-to-handle adapter, specially designed for rough environments
- Designed to help protect the electronic components against moisture
- Tested and approved for min. of 100,000 plug-ins
- 360° turnable clip for secure fastening on garments

Extra clips for FL4000

Shroud for FL5000

3M™ PELTOR™ Adapter
Single PTT FL5000

- Small, strong and easy-to-handle adapter, specially designed for rough environments
- Designed to help protect the electronic components against moisture
- Tested and approved for min. of 100,000 plug-ins
- 360° turnable clip for secure fastening on garments

3M™ PELTOR™ Adapter
Multi PTT

• Two radios at the same time with the dual radio connectors and PTT button for each radio.

FL5600   **FL5700**

Military Adapters NATO wired

Description	3M product code	Reference Id
3M™ PELTOR™ PTT-adapter to Motorola GP320/340	XH001678214	FL5030-02
3M™ PELTOR™ PTT-adapter to Harris Falcon II®, H-250/U	XH001665120	FL5040-07
3M™ PELTOR™ PTT Adapter to Harris Falcon III®, 7800	XH001678388	FL5601-100
3M™ PELTOR™ PTT Adapter to RACAL MBITR	7100005674	FL5601-02
3M™ PELTOR™ Small PTT Adapter to Harris Falcon II®, H-250/U	UU003086483	FL4040-02

Military Adapter STEREO wired

Description	3M product code	Reference Id
3M™ PELTOR™ Stereo connected PTT for two MBITR radios	XH001673611	FL5701

Military Adapters PELTOR wired

Discription	3M product code	Reference Id
3M™ PELTOR™ PTT-adapter to RACAL MBITR	XH001654223	FL5040
3M™ PELTOR™ PTT-adapter to RA145, RA146, RA180	XH001654140	FL5025
3M™ PELTOR™ PTT-adapter to PR4G	XH001654272	FL5052
3M™ PELTOR™ Double PTT adapter to PR4G/Astro 5000	XH001677331	FL5508

Adapters PELTOR wired FL4000

Description	3M product code	Reference Id
3M™ PELTOR™ PTT-adapter to Motorola GP320/340	UU001512910	FL4030
3M™ PELTOR™ PTT-adapter to Motorola Mototrbo™ DP3000, DP4000	UU001512936	FL4063
3M™ PELTOR™ PTT-adapter to Cassidian THR9	UU001631637	FL40142

Adapters PELTOR wired FL5000

Description	3M product code	Reference Id
3M™ PELTOR™ PTT-adapter to Nokia TETRA THR880	XH001654249	FL5042
3M™ PELTOR™ PTT-adapter to Motorola TETRA MTH800 / MTP850	XH001654306	FL5062
3M™ PELTOR™ PTT-adapter to Motorola Mototrbo™ DP3000, DP4000	XH001654314	FL5063
3M™ PELTOR™ PTT-adapter to Sepura Tetra STP8000	XH001675269	FL50101
3M™ PELTOR™ PTT-adapter to Motorola TETRA MTH800		PPN: 16-0003

Spare parts / Accessories for FL5000 adapters

Description	3M product code	Reference Id
3M™ PELTOR™ Shroud for FL5000	XH001652946	TKD5502/1
3M™ PELTOR™ Clips for FL50*	XL001636783	TKD5005
3M™ PELTOR™ Clips for FL5*, THIN	XL001636874	TKD5011

3M acknowledges the respective Trademark Owner's rights in the above trademarks.
For more information regarding adapters for military radios, please contact your 3M military sales representative in your country.

BENELEC
Innovative Radio Technology
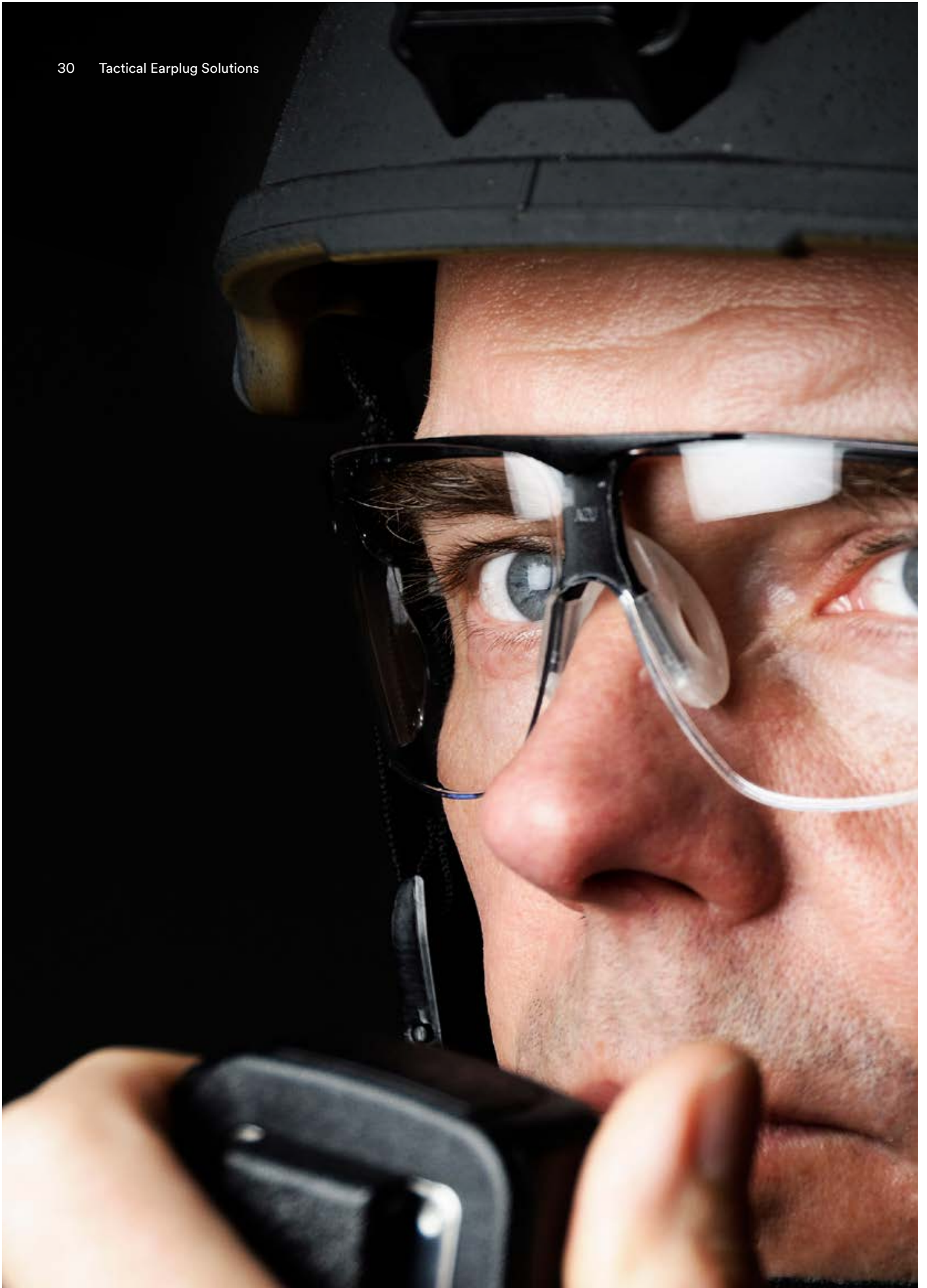
Tactical Earplug Solutions

3M™ PELTOR™ level dependent technology helps provide hearing protection in noise and improves communication in quiet. Protecting hearing and improving situational awareness can help increase personal safety and can improve productivity. Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory.

BENELEC
Innovative Radio Technology

3M™ PELTOR™ Tactical Earplug, TEP-200 EU

Earplug Features

Compatibility
3M™ PELTOR™ Tactical Earplug is compatible with most headworn 3M™ Personal Protective Equipment (PPE) such as helmets, hardhats, and face shields

Comfort
The small and lightweight design helps improve overall comfort and user experience

Hearing Protection
Replaceable communications eartip helps provide hearing protection in noisy environments. Multiple sizes and types designed to fit most ear canals.

Communication
3M™ PELTOR™ TEP-200 EU has a small antenna built-in to allow audio signals to be received wiressly from a neckloop accessory.

BENELEC
Innovative Radio Technology

3M™ PELTOR™ Tactical Earplug, TEP-200 EU

Electronic Level Dependent Hearing Protector

Design
Corner radius designed to help soften contact zone and increase comfort

Button
Intuitive one-button operation turns unit on, off, and selects volume settings

Charging case
Pocket-sized storage and charging container

Charger operates from battery or USB power

Hearing protection	√
Level-dependent function for ambient listening	√
Rugged design to withstand harsh environments	√
Tested according to military standards*	√
Waterproof (IP67)	√
Recharge time	90 min
Battery life	~ 16h**

* MIL-STD 810G
** Battery & temperature dependent

Communication
Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory.

TEP-LOOP-200 (not incl.)

BENELEC
Innovative Radio Technology

Available eartips

3M™ UltraFit™ Eartips
Small

3M™ UltraFit™ Eartips
Medium

3M™ UltraFit™ Eartips
Large

3M™ Torque™ Eartips

3M™ PELTOR™ CCC-GRM-25
(available separately)

Accessories

TEP-200E **TEP-100C** **TEP-CORD** **TEP-LOOP-200** **TEP-WINDSCREEN**

Description	3M product code	Reference Id
3M™ PELTOR™ Tactical Ear Protection, TEP-200 EU, Kit	70071676996	TEP200-EU

Accessories

Description	3M product code	Reference Id
3M™ PELTOR™ Replacement eartips, Small (25 pair/case)	70071673720	370-TEPS-25
3M™ PELTOR™ Replacement eartips, Medium (25 pair/case)	70071673738	370-TEPM-25
3M™ PELTOR™ Replacement eartips, Large (25 pair/case)	70071673746	370-TEPL-25
3M™ PELTOR™ Skull Screw eartips (50 pair/case)	XH001679626	PELTIP5-01
3M™ PELTOR™ Triple-C Communication Eartips (25 pair/case)	70071675212	CCC-GRM-25
3M™ PELTOR™ TEP-CORD	70071673795	TEP-CORD
3M™ PELTOR™ TEP Earplug	70071677051	TEP-200E
3M™ PELTOR™ TEP Case	70071650264	TEP-100C
3M™ PELTOR™ Neckloop, 3-pole, 3.5mm plug	70071677036	TEP-LOOP-200
3M™ PELTOR™ Neckloop, 2-pole, 3.5mm plug		TEP-LOOP201
3M™ PELTOR™ Foam Windscreen for TEP-200 EU,	70071675907	TEP-WINDSCREEN

Attenuation tables

Ultrafit™ Eartips							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	23.7	20.5	23.2	22.5	26.8	27.1	29.9
Standard deviation (dB)	11.7	10.7	11.8	9.9	7.8	10.1	9.7
Assumed Protection Value (dB)	12.0	9.8	11.4	12.6	19.0	17.0	20.2

According to **AS/NZS 1270:2002**   **SLC80 16dB (Class 2)**

PELTIP5-01/Skull Screws™ Eartips							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	26.9	23.6	28.2	29.2	32.6	35.3	36.9
Standard deviation (dB)	11.8	10.2	11.2	8.8	6.6	7.8	10.8
Assumed Protection Value (dB)	15.0	13.4	17.1	20.4	26.0	27.5	26.1

According to **AS/NZS 1270:2002**   **SLC80 23dB (Class 4)**

3M™ CCC-GRM-25 Eartips							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	24.8	22.8	26.4	27.2	33.4	35.7	38.0
Standard deviation (dB)	8.9	8.5	9.8	7.3	4.6	5.2	9.7
Assumed Protection Value (dB)	15.9	14.3	16.5	19.9	28.8	30.5	28.3

According to **AS/NZS 1270:2002**   **SLC80 23dB (Class 4)**

Level-dependent Headset Range

The 3M™ PELTOR™ Level-dependent headset product range includes invaluable tools for people who are subjected to impulse noises.

Level-dependent situational awareness helps protect against harmful noise while letting in and even sometimes amplifying ambient sounds.
THESE HEADSETS ARE NOT INTENDED TO BE USED IN COMBAT SITUATIONS AND DO NOT FIT UNDER A BALLISTIC HELMET.

3M™ PELTOR™ SportTac™ Hearing Protection

Headband
Collapsible for
easy storage

Interchangable Shells
Easy to change colour

Control buttons

**Smooth Level
Dependent Function**
Gentle transition between
hearing protection mode and
environmental listening mode

3M™ PELTOR™ ProTac Shooter & Hunter

Headband

**3M™ PELTOR™
ProTac Hunter
Hearing Protection**

**Dual Shell
Construction**

**Level Dependent
Microphone**

3,5mm Input Jack
Allows you to connect
radio to the headset

**3M™ PELTOR™
ProTac Shooter
Hearing Protection**

3M™ PELTOR™ SportTac™ Hearing Protection

Description	3M product code	Reference Id	Attachment
3M™ PELTOR™ Hunting, shells incl. Green / Orange	XH001650049	MT16H210F-478-GN	Foldable head band
3M™ PELTOR™ Sport shooting, shells incl. Black / Red	XH001650056	MT16H210F-478-RD	Foldable head band

3M™ PELTOR™ ProTac Shooter & Hunter Hearing Protection

Description	3M product code	Reference Id	Attachment
3M™ PELTOR™ ProTac Hunter	UU004690648	MT13H222A	Head band
3M™ PELTOR™ ProTac Shooter	UU004690630	MT13H223A	Head band

Attenuation tables

3M™ PELTOR™ SportTac™ Hearing Protection

MT16H210F-*							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	10.5	15.0	23.9	25.3	30.9	38.7	40.2
Standard deviation (dB)	3.0	4.3	3.9	4.1	4.2	3.2	6.4
Assumed Protection Value (dB)	7.5	1.7	20.0	21.2	26.7	35.5	33.8

According to **AS/NZS 1270:2002**   **SLC80 24dB (Class 5)**

3M™ PELTOR™ ProTac Hunter Hearing Protection

MT13H222A							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	13.1	15.7	22.4	28.2	31.8	38.8	35.9
Standard deviation (dB)	3.8	2.1	2.9	2.3	2.4	3.0	4.5
Assumed Protection Value (dB)	9.3	13.6	19.5	25.9	29.4	35.8	31.4

According to **AS/NZS 1270:2002**   **SLC80 26dB (Class 5)**

3M™ PELTOR™ ProTac Shooter Hearing Protection

MT13H223A							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.6	22.1	29.9	36.4	37.6	38.4	34.9
Standard deviation (dB)	3.7	3.7	3.3	2.8	2.2	2.4	2.6
Assumed Protection Value (dB)	19.9	18.4	26.6	33.6	35.4	36.0	32.3

According to **AS/NZS 1270:2002**   **SLC80 32dB (Class 5)**

BENELEC
Innovative Radio Technology

3M™ PELTOR™
Tactical XP Hearing Protection

- Audio input jack for external radio
- Available as headset
- Equipped with the following functions: volume for the level dependent function, balance, adjustable release time, equalizer, volume for external input and external input mode

3M™ PELTOR™
LiteCom Plus Headset

- Built-in-two way radio
- Available as 8 channels in the PMR 446 MHz band or 69 channels on the LPD 433 MHz band
- Level-dependent function

3M™ PELTOR™
WS™ ProTac XP Headset

- Bluetooth® wireless technology
- Level-dependent function
- DSP (Digital Noise Reduction)
- Advanced VOX (Voice Operated Transmission)

3M™ PELTOR™ Tactical XP Hearing Protection

Description	3M product code	Reference Id	Attachment
3M™ PELTOR™ Tactical XP, Standard	XH001650064	MT1H7F2	Foldable head band
3M™ PELTOR™ Tactical XP, Headset J11	XH001660717	MT1H7F2-07	Foldable head band

According to **AS/NZS 1270:2002   SLC80 28dB (Class 5)**

3M™ PELTOR™ WS™ ProTac XP Headset

Description	3M product code	Reference Id	Attachment
3M™ PELTOR™ WS ProTac XP headband	XH001680012	MT15H7AWS5	Head band

According to **AS/NZS 1270:2002   SLC80 30dB (Class 5)**

3M™ PELTOR™ LiteCom Plus Headset

Description	3M product code	Reference Id	Attachment
3M™ PELTOR™ LiteCom Plus, LPD 433	XH001680491	MT7H7A4310-AZ	Head band

According to **AS/NZS 1270:2002   SLC80 31dB (Class 5)**

Earmuffs & Earplugs

3M™ PELTOR™ Earmuffs consist of rigid cups with soft plastic cushions that seal around the ears to block noise. They are available in headband, neckband, helmet-attachable and folding models to meet virtually every application need and wearer preference.

3M™ E-A-R™ Hearing Protection Products are manufactured to help anyone who spends time in noisy environments. Over 30 years ago the 3M™ E-A-R™ Classic™ Earplug was introduced. The yellow foam earplug, established new standards in hearing protection and comfort. Today this earplug continues to be the most widely recognised product in hearing protection all over the world.

3M™ PELTOR™ Earmuffs – X Series

- Combines our extensive knowledge of hearing protection with our advanced technologies, creating our most comfortable, durable earmuff.
- Durable 3M™ PELTOR™ Earmuff
- Features an electrically insulated (dielectric) wire headband
- Twin headband design helps reduce heat buildup with good fit and balance
- New ear cushion foam technology for an effective acoustic seal and reliable hearing protection
- Lightweight ear cups with maximum space to help minimize heat and moisture buildup

3M™ PELTOR™
Earmuff X4

3M™ PELTOR™
Earmuff X5

3M™ PELTOR™ Bullseye I Earmuff

- Sealing rings filled with a unique combination of liquid and foam. The result is an excellent seal with low contact pressure.

3M™ PELTOR™ Bullseye I Earmuff

Description	3M product code	Reference Id	Attachment
3M™ PELTOR™ Earmuff X4, Black / Bright Green	XA007706931	X4A	Head band
3M™ PELTOR™ Earmuff X5 Headband, Grey	XA007706956	X5A	Head band

3M™ PELTOR™ Earmuffs – X Series

Description	3M product code	Reference Id	Attachment
3M™ PELTOR™ Bullseye I	XH001658265	H515FB-508-GN	Head band

According to **AS/NZS 1270:2002   SLC80 25dB (Class 5)**

3M™ Combat Arms™ Earplugs – Generation 4.1

- Hear-Through™ Protection
- Specially designed soft retainer helps ensure the earplug remains seated inside the ear canal.
- Rocker switch for easy switching between Closed Mode and Open Mode.
- Available in three sizes for best individual fit
- Offers high attenuation against peak impulse noise – can be used up to 160dB peak
- Easy to wash and clean

This product features a special acoustical filter that lets lower level sound through with relatively little noise reduction for greater situational awareness, and provides increasing amount of peak noise reduction as sound levels increases above 110 dB. This is called the **Open Mode**.

When used in the **Closed Mode** the product acts as a conventional earplug offering protection against steady state and peak impulse noise.

3M™ E-A-Rsoft™ FX™ Earplugs

- Soft, pliable foam offers comfort for wearing over an extended time
- Slow recovery foam effectively seals the earcanal and helps provide reliable hearing protection

3M™ E-A-R™ Classic™ Earplugs

- Made from a soft energy absorbing polymer foam
- Excellent hearing protection and extended wear comfort
- Ideal for use where noise is a problem, either in work or leisure activities.

3M™ Combat Arms™ Earplugs - Generation 4.1

Description	3M product code	Reference Id
3M™ Combat Arms ™ 4.1 Small (50 pair/case)	70071675014	370-1044
3M™ Combat Arms ™ 4.1 Medium (50 pair/case)	70071675022	370-1045
3M™ Combat Arms ™ 4.1 Large (50 pair/case)	70071675030	370-1046

3M™ E-A-Rsoft™ FX™ Earplugs

Description	3M product code	Reference Id
E-A-Rsoft FX Earplug Uncorded	70071515046	312-1261

3M™ E-A-R™ Classic™ Earplugs

Description	3M product code	Reference Id
3M™ E-A-R™ Classic™ Uncorded Earplugs	70071514932	311-1201

Attenuation data

3M™ PELTOR™ Earmuff X4

3M™ E-A-Rsoft™ FX™ Earplugs							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18.3	19.2	28.1	39.2	38.1	43.7	43.1
Standard deviation (dB)	5.1	2.9	3.7	4.8	3.1	4.8	5.2
Assumed Protection Value (dB)	6.5	5.3	6.7	6.8	4.8	6.5	6.4

According to **AS/NZS 1270:2002**   **SLC80 31dB (Class 5)**

3M™ PELTOR™ Earmuff X5

3M™ E-A-R™ Classic™ Earplugs							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	23.2	25.3	35.8	43.8	39.7	41.5	40.7
Standard deviation (dB)	4.0	3.4	4.5	3.0	3.8	3.5	3.9
Assumed Protection Value (dB)	9.2	8.6	7.3	8.7	6.3	6.1	9.2

According to **AS/NZS 1270:2002**   **SLC80 35dB (Class 5)**

3M™ PELTOR™ Bullseye I Earmuff

3M™ E-A-Rsoft™ FX™ Earplugs							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18.3	19.2	28.1	39.2	38.1	43.7	43.1
Standard deviation (dB)	5.1	2.9	3.7	4.8	3.1	4.8	5.2
Assumed Protection Value (dB)	6.5	5.3	6.7	6.8	4.8	6.5	6.4

According to **AS/NZS 1270:2002**   **SLC80 25dB (Class 5)**

3M™ Combat Arms™ Earplugs – Generation 4.1

Subjective attenuation in the Closed Mode							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	19.0	16.2	17.8	17.6	25.4	27.8	29.5
Standard deviation (dB)	10.1	10.4	11.7	10.2	8.4	9.4	11.4
Assumed Protection Value (dB)	8.9	5.8	6.1	7.4	17.0	18.4	18.1

According to **AS/NZS 1270:2002**   **SLC80 11dB (Class 1)**

Subjective attenuation in the Open Mode							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	7.2	5.6	8.6	13.1	20.8	19.9	22.5
Standard deviation (dB)	3.9	4.4	4.8	7.7	7.5	6.4	9.8
Assumed Protection Value (dB)	3.3	1.2	3.8	5.4	13.4	13.5	12.7

According to **AS/NZS 1270:2002**   **SLC80 9dB (Class 1)**

Peak noise reduction values in the Open Mode					
External Peak Sound Leevel (dB)	110	130	150	170	190
Peak Noise Reduction (dB)	4.8	13.9	17.0	23.5	30.2
Standard Devaition (dB)	1.8	0.4	0.5	0.6	0.7

As determined by the Institute of Saint-Louis (ISL) Laboratory, France.

3M™ E-A-Rsoft™ FX™ Earplugs

3M™ E-A-Rsoft™ FX™ Earplugs							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	28.5	27.3	28.3	28.5	36.0	45.2	46.7
Standard deviation (dB)	6.5	5.3	6.7	6.8	4.8	6.5	6.4
Assumed Protection Value (dB)	6.5	5.3	6.7	6.8	4.8	6.5	6.4

According to **AS/NZS 1270:2002**   **SLC80 26dB (Class 5)**

3M™ E-A-R™ Classic™ Earplugs

3M™ E-A-R™ Classic™ Earplugs							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	19.8	20.6	27.8	27.4	31.0	38.7	41.2
Standard deviation (dB)	9.2	8.6	7.3	8.7	6.3	6.1	9.2
Assumed Protection Value (dB)	9.2	8.6	7.3	8.7	6.3	6.1	9.2

According to **AS/NZS 1270:2002**   **SLC80 22dB (Class 4)**

Spare Parts and Accessories

The 3M™ PELTOR™ Brand has a range of products so that you can maintain and enhance your product during the products life cycle. If this is done you will get a better throughout the product´s lifetime.

MT33
Flexi boom speech microphone

MT73
Standard microphone

MT90-02
Throat microphone (Dynamic)

MT7N
Dynamic Microphone

HYM1000
Micprotector

M60/2
Foam mic cover

M171/2
Wind shield for microphone for MT73 / MT33

M42/1
Windshield for dynamic microphone

FL6AC
Adapter cable for guide mount

1079 SV/SP
Battery lid

P3ADG-F SV/2
Rails attachment

Spare Parts and Accessories

Description	3M product code	Reference Id
Flexi boom speech microphone, 130mm cable, Incl. wind shield	UU008163618	MT33/1
Standard microphone, 80mm cable	UU008163634	MT73/1
Standard microphone, 140mm cable		MT73-05/1
Throat microphone (Dynamic)	XL001644068	MT90-02
Dynamic Microphone with J22 plug	XL001634044	MT7N
Foam mic cover for ComTac 2pc	XH001652532	M60/2
Windshield for MT73/1, MT33/1 microphone, 2pcs	UU008153483	M171/2
Windshield MAXI for dynamic microphone	XH001659792	M42/1
Micprotector, 5m	XH001651328	HYM1000
Adapter cable for guide mount left side	XH001651997	FL6AC
Battery cover for ComTac XP, XPI	UU004894315	1079 SV/SP
Headset Rail attachments for Military helmets	XL001652723	P3ADG-F SV/2

Hygiene Kits and Gel Sealing Rings

Earmuffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage.

3M™ PELTOR™ recommends to change the hygiene kit at least twice a year.
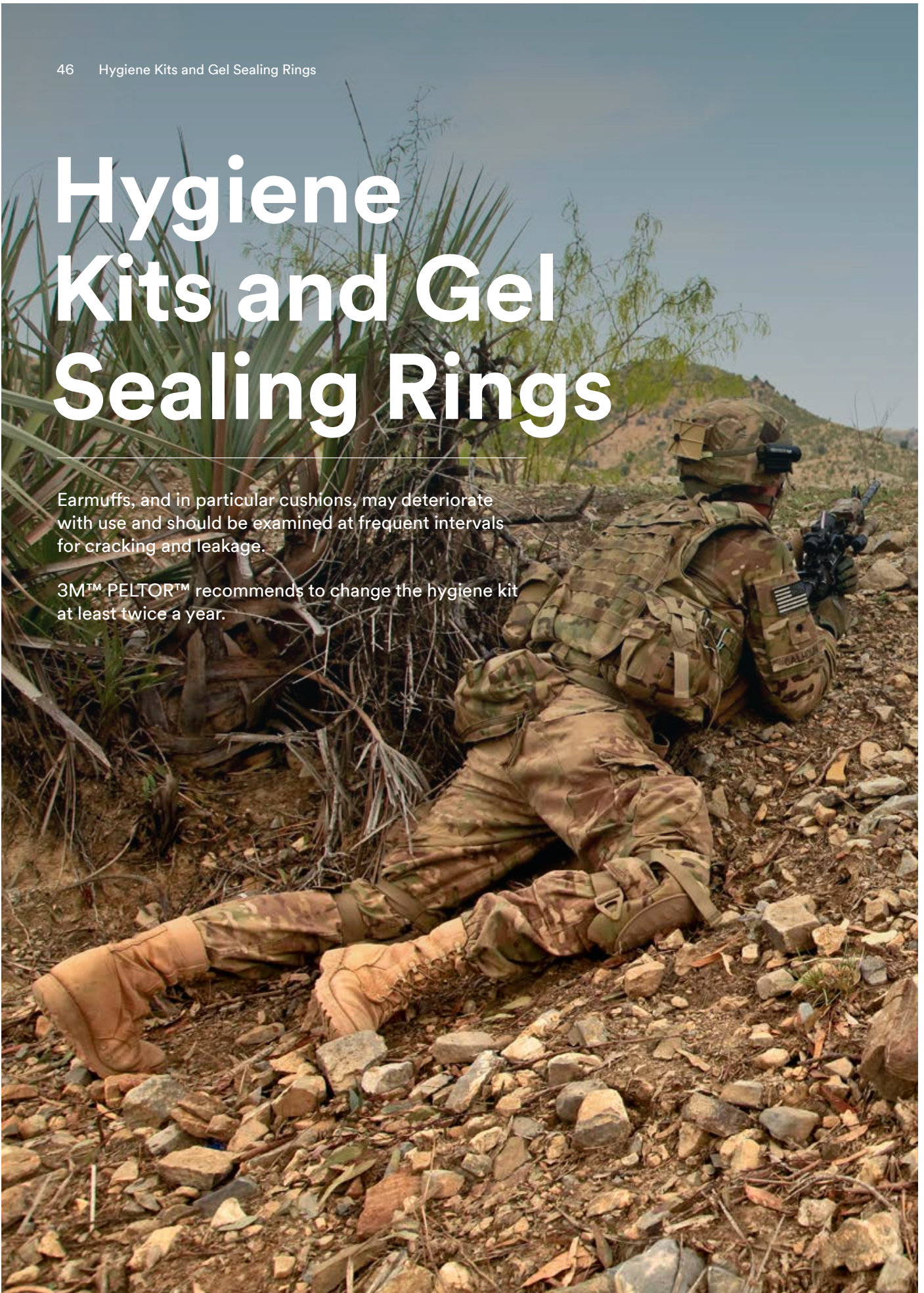
Gel Sealing Rings

Gel Sealing Rings HY80-EU
(for ComTac XPI)
3M Id: UU003133988

Attenuation data

MT20H682FB-* in combination with HY80-EU							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	16.1	17.4	25.9	34.7	34.2	30.9	38.0
Standard deviation (dB)	2.8	2.0	2.2	1.9	3.2	1.8	3.1
Assumed Protection Value (dB)	13.3	15.4	23.7	32.8	31.0	29.1	34.9

According to **AS/NZS 1270:2002**   **SLC80 29dB (Class 5)**

Hygiene Kits

Hygiene Kit HY21
(for SportTac)
3M Id: XH001659305

Hygiene Kit HY51GN
(for 3M™ PELTOR™ Bullseye I)
3M Id: XH001664149

Hygiene Kit HY79
(for Tactical XP,
WS ProTac XP Headset,
LiteCom Plus Headset)
3M Id: XH001651047

Hygiene Kit HYX4
(for 3M™ PELTOR™ Earmuff X4)
3M Id: XA007707608

Hygiene Kit HYX5
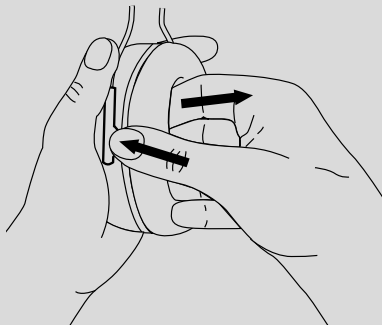(for 3M™ PELTOR™ Earmuff X5)
3M Id: XA007707616

Hygiene Kit HY68
(for ComTac XPI Standard,
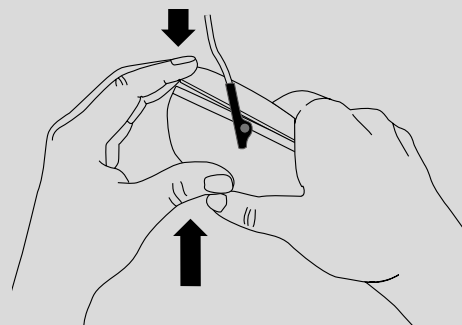ComTac XPI Headset)
3M Id: XH001659461

Hygiene Kit HY45
(for CH-5 Headset)
3M Id: UU008117135

Hygiene Kit HY220
(for ProTac Hunter / Shooter)
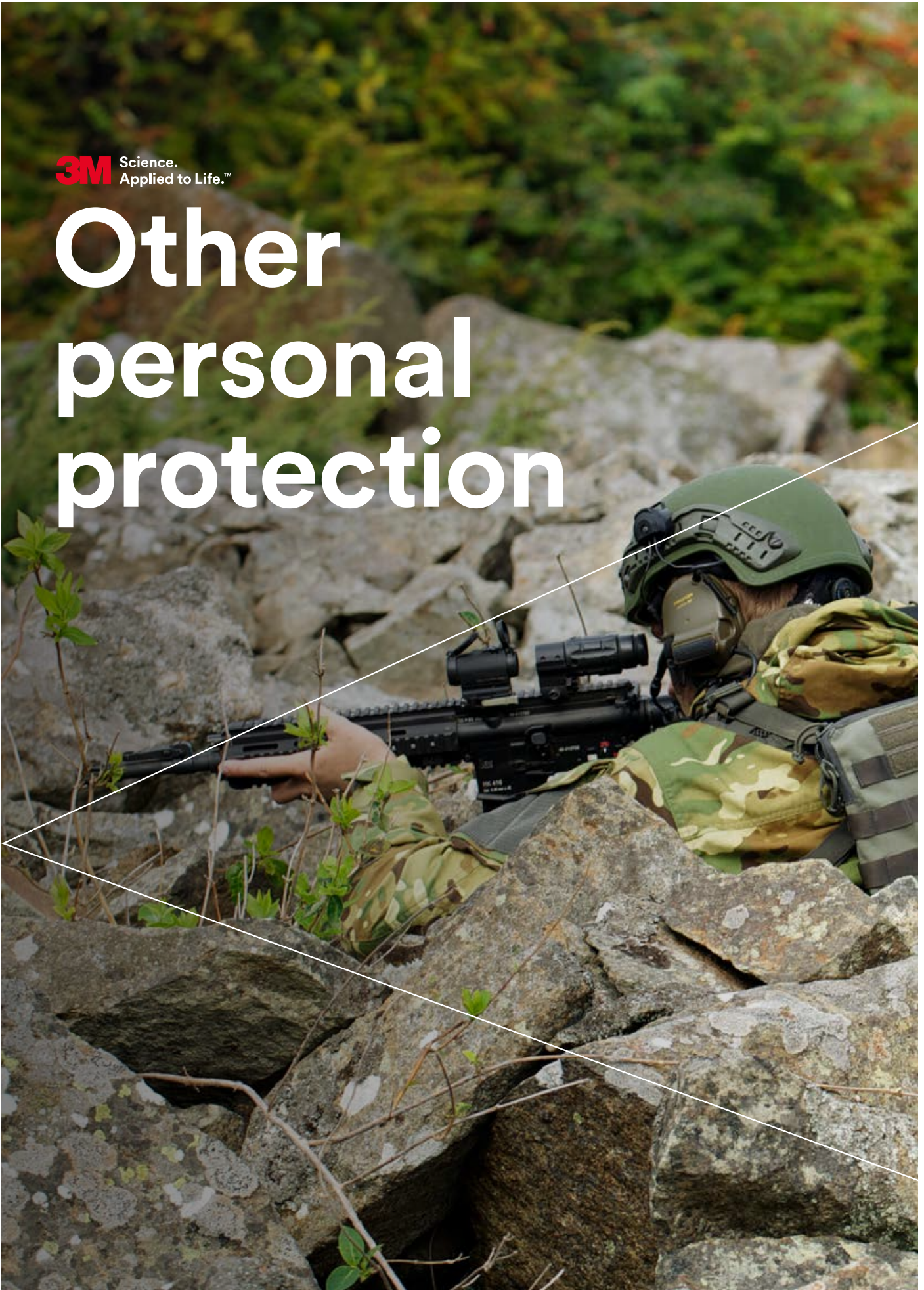*3M Id: UU008049353*

To replace ear cushions, slide your finger under the edge of the ear cushion and pull straight out.

Insert a new ear cushion by pressing until it snaps into place.

3M Science.
Applied to Life.™

Other personal protection

Respiratory Solutions

With over 75 years of experience in the life safety product industry, 3M-Scott Safety is the consultative partner of choice-providing holistic solutions to help you meet protection requirements, budgetary constraints and your ultimate goal of protecting and defending your front line.

Our broad portfolio of products, combined with our deep understanding of new and emerging technologies, puts us in a unique position to help analyze and predict your changing needs.

We can offer comprehensive solutions that will help extend your capabilities across all lines of development.

3M™ Scott Safety M95 Dual Lens Respirator

The lightweight, low profile M95 Dual Lens Face-piece is suitable for first responders and other tactical personnel in both CBRN and other air-purifying applications.

- The bi-ocular lens provides excellent downward, horizontal and peripheral vision
- Lens allows the face-piece to be folded flat for easy storage.
- Drinking port allows for fluid intake and rehydration
- Two-piece construction of halo butyl, elastomer for the face-piece and silicone nose cup design
- Resistant to a wide range of toxic materials and Chemical, Biological, Radiological and Nuclear (CBRN) agents.

3M™ Scott Safety M98 Respirator

When paired with other DIN 40mm cartridges, the M98 can be used for a range of law enforcement operations. This respirator offers APR and PAPR protections, from CBRN to riot control to HAZMAT response.

- Soft silicone nose-cup helps minimize lens fogging by directing airflow over the lens
- A sleek, low-profile design and a wide, full-face lens for increased field of vision
- EN136: Class 3 approved with DIN 40mm cartridges
- Speaking diaphragm for face-to-face communications
- Connection to C420 CBRN PAPR

3M™ Scott Safety First Responder Respirator (FRR)

The FRR is designed to help protect operators from respiratory hazards, and provide low breathing resistances while remaining comfortable for long duration wear.

- Ergonomic design and filter mounting on either side of the mask to accommodate weapons sighting
- Built in drinking port for hydration
- EN136:2006 Class 3 & BS8468-1:2006 & BS8468-2 approved with DIN 40mm cartridges

Optional:
Voice Projection Unit (VPU)
Out-certs for lens
Vision correction capability for use of progressive (vari-focal) lenses

3M™ Scott Safety Respirators

Description	3M product code	Reference
3M™ Scott Safety M95 Dual Lens Respirator	DE272933560 / 7100113967	13204-99999M
3M™ Scott Safety M98 Respirator	DE272934345 / 7100009394	71510-00003M
3M™ Scott Safety First Responder Respirator (FRR)	DE272934204 / 7000032488	71360-99999M

3M™ Scott Safety CBRN Filters

CFR22 NATO N40 FILTER	XP100276565
CFR32 CBRN A2B2E2K2 P3 R WITH CAP AND PLUG IN ALUMINIUM FOIL BAG	XP100547502
CFR32 CBRN A2B2E2K2 P3 R WITH CAP AND PLUG IN ALUMINIUM FOIL BAG	XP100218104
CBRN CAP 1 FILTER	XP100548914
NBC 2200 POLICE CN/CS FILTER	XP100218070

BENELEC
Innovative Radio Technology

Protection for Maintenance & Repair Operations

3M is dedicated to providing the right personal protection solution to the thousands of dedicated defence personal. Whether you are a mechanic in the army, an electrician in the navy or ground crew in the air force, 3M has a solution to help keep you protected.

Training and Support

3M's team of Specialist Representatives are available nationally, to provide support and training that meet the needs of our customers. Furthermore, our qualified and highly experienced team are able to assist customers by:

• Providing guidance to employers on conducting initial and ongoing assessments of the workplace

• Recommending appropriate respiratory, hearing, eye protection, communication and spill management solutions required to help maintain a safe work environment

• Providing technical advice about the correct use and maintenance of the solution that has been selected

• Facilitate on-site fit testing for both respiratory and hearing protection solutions, as required

No matter how effective a piece of Personal Protective Equipment is, it will offer little or no protection if it is not fitted and/or worn correctly. Proper inspection, cleaning and storage is vital for safety equipment that protects a worker's health and well-being. That is why we offer training programs that explain the correct way to fit, inspect, clean and store the PPE designed and manufactured by 3M.

Technical Assistance

3M TechAssist is an excellent point of contact for your questions, especially when you require a prompt answer. Supported by trained staff, TechAssist is an immediate link to the worldwide resources of 3M.

BENELEC
Innovative Radio Technology

3M™ E-A-Rfit™ Dual-Ear Validation System

The highest-SNR earplug or earmuff won't provide the expected protection if it doesn't fit right or isn't used right. To make sure your personnel are getting the protection they need, you need to know the Personal Attenuation Rating (PAR) of every employee.

Fit
Have the employee insert their hearing protection.

Test
Connect to microphones and begin speaker test sound.

Assess
Use PAR to customise hearing protector selection.

Fail
A 'fail' result means the hearing protection is either not inserted properly or is the wrong type or size for the worker's ear canal.

Pass
A 'pass' result means the hearing protection is inserted properly and provides sufficient protection for the worker's specific job.

NOTE:
Finding out each employee's PAR is the first step to a successful hearin conservation program. Once a worker's PAR is measured, you can determine if they're using the right hearing protection and ensure they're trained on using it properly.

The 3M range of solutions for worker safety includes

Respiratory Protection

Head, Eye and Face Protection

Noise Measurement

Fall Protection

Protective coveralls

Ballistic head protection

Scott Safety Products