Gentex Corporation takes pride in our dedication to the mission of providing optimal protection and situational awareness to global defense forces, emergency responders, and industrial personnel operating in high-performance environments.

USA Coast Guardsmen fast-rope from an Air Force UH-60G Pave Hawk helicopter during a training exercise at Air Station Kodiak, Alaska, Feb. 22, 2019.

Photo By: Coast Guard Chief Petty Officer Charly Hengen

For complete product details, go to gentexcorp.com/ground
OUR PROUD HISTORY

Gentex has been at the forefront of innovation for over 125 years, from product development to quality enhancement and performance. Our philosophy of continually reinvesting in our employees, our customers, and our capabilities and technologies shows in the growth of our business and the game-changing innovations our people have created.

OUR PEERLESS QUALITY

Gentex Corporation ensures that our Quality Management Systems consistently provide products to meet our customers’ requirements and enables process measurements to support continuous improvements. We comply with an ISO 9001 certified Quality Management System that is supplemented with additional quality system requirements that meet the AS9100D standard, a standard that provides strict requirements established for the aviation, space, and defense industries.

For complete product details, go to gentexcorp.com/ground
MISSION CONFIGURABLE

It’s all about Open Architecture. Our approach to product integration results in systems with components that work together seamlessly and allow the end user to focus on the mission at hand – not their equipment setup. Our system products are designed and engineered to easily integrate and work with Gentex Corporation and other third-party components. This approach gives end users limitless freedom for customization.

ENGINEERED & TESTED

Whether it’s a helmet system, a respiratory protection system, leading-edge optics, or a communication headset, Gentex Corporation takes the same all-in approach to product design and engineering. We aim to achieve the maximum protection, performance, and user comfort possible. Gentex Corporation’s design and engineering teams transform customer challenges into solutions that work. Gentex Corporation’s design and engineering teams work closely with end users to understand their challenges. Our best-in-class product solutions reflect that.

For complete product details, go to gentexcorp.com/ground
COMPLETE SYSTEM INTEGRATION

TOTAL HEADBORNE SOLUTIONS

We are your experts for headborne protection, situational awareness, high-performance optics, and respiratory protection. Gear up for mission success.

EYEWEAR

Delivering eye protection from fragmentation threats, blinding glare, or smoke and ensuring high-magnification vision to increase survivability in high threat operations.

VISORS

The STEP-IN® visor provides a new level of optical clarity, ballistic protection, and functionality—sealed or vented. It can be used with or without a helmet, ensuring optics and ease of use.

MANDIBLES

Built for protection against ballistic threats and blunt impacts. The conforming soft armor allows the user to use both hands and solid chin and cheek pads, allowing for a solid cheek weld on their rifle, and the well-ventilated design enhances comfort and reduces lens fogging.

SHROUDS

Designed to be compatible with most NVG mount arms, our shrouds are sleek, easy to install, and lightweight.

HELMET SUSPENSION

Revolutionize the quality of your mission by integrating our helmet suspension into your system. We offer a variety of options to accommodate your needs. Some feature customizable suspensions and helmet suspension for optimal comfort.

RETENTION SYSTEMS

There’s no need to sacrifice form for function. Our retention systems are designed to be compatible with a variety of systems, providing you with a one-handed adjustment for optimal comfort.

HELMET COVERS

Tailored helmet covers offer the ability to reduce glare and surface protection without compromising field of vision. They are available in both stretch and mesh options.

COMMUNICATIONS:

Our 3D Hear-Through Technology combines world-class audio quality with scalable hearing protection for enhanced situational awareness. Our AMP™ Headset is configurable to meet a variety of operational requirements.

RESPIRATORY

For tactical ground forces, these products offer protection from a wide range of oil and non-oil based particulates. The design offers enhanced protection without interfering with the operator’s STW and eliminates the need for respirator systems—perfect for operations with enhanced movement freedom.
HEADBORNE PROTECTION
SYSTEM-LEVEL PERFORMANCE

Protection and ongoing optimization

Every day, our expert team of designers and engineers push the limits of what’s possible and work closely with end users to meet and exceed system requirements.

Our core innovation is Integrated Modular Design. It offers helmet systems with performance-enhancing components that can be assembled and configured for any mission, quickly and easily. This allows the wearer to concentrate without distraction from the helmet and componentry.

A key feature is Open Architecture. Our products deliver maximum flexibility and forward compatibility and are designed to integrate seamlessly with both Ops-Core and third-party components. This creates the most opportunity for customization to meet each wearer’s individual needs.

BALLISTIC PROTECTION

We offer helmets in different ballistic materials and designs, giving you more options in the level of threat protection, weight, and price. Our labs are on the frontier of handgun, frag, and rifle protection testing, pushing the limits of what’s possible.

COMPLETE INTEGRATION

Our end users operate in the most challenging environments and conditions. We provide them with full headborne systems that integrate communications, situational awareness technology, eye and respiratory protection.

SCALABLE ACCESSORIES

A ballistic applique can be added for a transformative level of protection. Eye protection and vision enhancement can be added with our eyewear and ballistic visors. We have a variety of mandible configurations to choose from, ensuring zero blind spot and added face protection.

For complete product details, go to gentexcorp.com/ground
SITUATIONAL AWARENESS
3D HEAR-THROUGH TECHNOLOGY

Enhanced audio with scalable hearing protection

Always have a competitive advantage confronting threats. The AMP Communication Headset features 3D Hear-Through Technology (3DHT) and advanced, scalable hearing protection. Its modular design allows easy configuration to meet a wide range of mission needs. Ops-Core helmet shells are designed to better accommodate communication headsets, and the geometry of the headset earcups is designed to accommodate a wide variety of helmet profiles. Our situational awareness products are proudly manufactured and assembled in Gentex’s U.S. facilities.

1 HEARING ENHANCEMENT

World-class 3D Hear-Through Technology (3DHT) provides unprecedented audio quality, hearing restoration and enhancement, and allows the operator to boost their "natural hearing" by up to +12dB.

2 ADAPTIVE MISSION PLATFORM

The AMP Communication Headset was developed to quickly convert between ergonomic headband and helmet mounted configurations. The AMP Helmet Rail Mount Kit provides better comfort, a consistent earseal and greater helmet stabilization with streamlined stowage capability.

3 SCALABLE HEARING PROTECTION

High performance earseals with ergonomic fit provide greater and expanded noise attenuation. The addition of optional wireless NFMI earplugs provides increased noise reduction that rivals active noise reduction (ANR), while maintaining clear communications and hear-through audio.

For complete product details, go to gentexcorp.com/ground.
Gentex-manufactured lenses offer the highest quality and levels of protection. Lenses are available in Clear, Tint, Laser Dazzle, and High Contrast. Future lens options include advanced laser eye protection (ALEP) and photochromic.

Our optics options – ranging from eyewear to visors and shields – are easily configurable to specific threats or conditions faced.

Visors deliver eye or full-face protection from fragmentation to handgun threats. They feature anti-fog interior coatings and anti-scratch exteriors, with one-handed operation.

For complete product details, go to gentexcorp.com/ground
Gentex has decades of experience, supplying air crews with leading-edge respiratory systems. We’ve put it to work on the ground, in threatening environments with oil, lead, asbestos, or ammo residue, and in situations our customers face on a regular basis, like exiting a chopper that’s kicking up debris. Respiratory protection is essential. Ops-Core’s signature respiratory products have a filtration effectiveness rating of P100, the highest particulate filtration rating attainable for mitigating exposure. Due to our unique, streamlined design, the wearer gets the highest level of protection and zero interference with mission-critical weapons and equipment.
USA
British Royal Marine Commandos with Alpha Company, 40 Commando Battle Group, prepare to breach a building during Integrated Training Exercise 1-20 at Marine Corps Air Ground Combat Center (MCAGCC).

Photo By: Lance Cpl. Cedar Barnes
Choosing the Best Helmet Platform for Your Needs

**FAST**

The FAST™ family of helmets is our most advanced. FAST SF, our standard, lightweight ballistic helmet, comes with the latest in accessories and an optional lip and cheek pad for comfortable communication across your head. FAST SF and FAST LE both offer high-visibility, but they offer no ballistic protection. When in warmer outdoor set-ups, the FAST SF is a bit more breathable, although it is still heavier but will gain more coverage and ballistic protection. FAST LE is built to the NIJ ballistic standards for hard or soft armor. The FAST™ family provides a wide range of options for the user.

**Sentry**

Based on the FAST helmet geometry, the Sentry™ helmet platform offers the same ballistic protection as an ACH helmet at a lighter weight with more coverage. With Ops-Core ARC™ Rails and a Skeleton Shroud, the helmet can be tailored to individual missions and is available with XP and LE ballistic protection levels.

**TBH**

TBH helmets are built on the ACH geometry and are available in high-cut, mid-cut, and low-cut trim options. They can be configured with NVG shroud, VELCRO® Brand fasteners, and Ops-Core ARC. The TBH-IIIA meets NIJ standards for handgun protection and the TBH-R1 meets new NIJ levels for handgun and some rifle protection.

Balancing Your Decision in Helmet Selection

There are three main factors to consider while selecting a helmet.

**WEIGHT**

Lighter helmets are more comfortable and facilitate better physical performance.

**PROTECTION**

Protection (ballistics and/or coverage) of the operator is the primary goal of the helmet.

**COST**

Differing costs can affect the acquisition and fielding of the helmet.

**Balance: Weight and Protection**

Balance: Cost and Weight

For complete product details, go to gentexcorp.com/ground.
FAST LE

Optimized for law enforcement applications, it's a lower-cost alternative to our FAST XP High Cut, and has mission-configurable capabilities. The LE features an Ops-Core Skeleton Shroud for universal capability with NVG mounts, Ops-Core ARC Rails with hook bungees and external VELCRO® Brand fastener. It’s compatible with Ops-Core visors, mandibles, handgun face shields, and ballistic appliques. It’s available with two suspension/retention options.

- Ballistic helmet made of a hybrid composite of the most advanced carbon, unidirectional polyethylene, and woven aramid
- High-performance evolution of the Ops-Core® FAST MT Helmet, with an 8% weight reduction, while improving comfort and screening stability
- Skeleton Ops-Core ARC Rails and Ops-Core ARC Shims increase functionality and increase accessory attachment points while maintaining compatibility with legacy FAST headborne accessories

FAST XP

A platform that delivers value, effective coverage, and ballistic protection. This ballistic shell provides more coverage and increased protection than our FAST SF helmet, at a slightly higher weight. An Ops-Core Skeleton Shroud delivers universal compatibility with NVG mounts. Ops-Core ARC Rails and external VELCRO® Brand fastener provide additional attachment locations for other accessories such as visors, mandibles, handgun face shields, and ballistic appliques. It’s available with four suspension/retention options.

- High-cut ballistic shell made of a hybrid composite of carbon, unidirectional polyethylene, and woven aramid
- Features an Ops-Core Skeleton Shroud for universal capability with most NVG mounts, Ops-Core ARC Rails with hook bungees, and external VELCRO® Brand fastener
- Available with DTP and Infidel LE Liver Suspension systems
- Available with Moms Out and Doc-Dad retention systems

FAST SF

The lightest, most advanced ballistic helmet. The edge trim has been optimized for use with communications headsets while still providing critical coverage. It delivers total readiness. Skeleton Ops-Core ARC Rails™ and Ops-Core ARC Shims offer increased functionality, and it’s lightweight. Modular Straps™ Shroud reduces snagging with integrated NVG retention. The Vertical Liner™ Liner enhances stability and comfort while fully loaded and is available with two suspension/retention options.

- Ballistic helmet made of a hybrid composite of the most advanced carbon, unidirectional polyethylene, and woven aramid
- High-performance evolution of the Ops-Core® FAST MT Helmet, with an 8% weight reduction, while improving comfort and screening stability
- Skeleton Ops-Core ARC Rails and Ops-Core ARC Shims increase functionality and increase accessory attachment points while maintaining compatibility with legacy FAST headborne accessories

Helmet Colors

Please call Customer Service at 888.894.1755 to find out lead time on your helmet cut, color, and configuration.

- Tan 499
- Foliage Green
- Ranger Green
- MultiCam®
- Black
- MultiCam Black
- Urban Gray

Suspension/Retention

Available in multiple options. Please call 888.894.1755 to find out your helmet retention options.

- Available with EPP and Vented Lux Liner Suspension systems
- Available with Worm-Dial and Occ-Dial retention systems

For complete product details, go to gentexcorp.com/ground

Available in multiple options.

- Urban Gray
- Black
- MultiCam
- Tan 499
- Foliage Green
- Ranger Green
- MultiCam® Black
- MultiCam
- Urban Gray

Please call 888.894.1755 to find your helmet retention options.
The TBH-R1 is the helmet for the highest threats an operator might face. Designed to stop rifle rounds and slightly more head coverage than ACH helmets. Delivers great modularity with an Ops-Core Skeleton Shroud for universal compatibility with NVG mounts, Ops-Core ARC Rails, and external Velcro® Brand fastener. It's compatible with communications headsets. Available with the EPP Liner system with MOLLE.

- Mini-cut, lightweight ballistic shell made of an hybrid composite of carbon, uni-directional polyethylene, and woven aramid
- Provides slightly more head coverage in mini-cut design than US Army ACH helmet
- Features an Ops-Core Skeleton Shroud for universal compatibility with most NVG mounts, Ops-Core ARC Rails with hook bungees, and external Velcro® Brand fastener

Sentry LE

Optimized for law enforcement applications, its medium weight ballistic shell provides mid-cut head coverage, slightly more than an ACH helmet. Featured is an Ops-Core Skeleton Shroud for universal compatibility with NVG mounts, Ops-Core ARC Rails with hook bungees, and external Velcro® Brand fastener. It's compatible with in-ear communication headsets. Available with the EPP Liner system with MOLLE.

- Mid-cut, lightweight ballistic shell made of monolithic aramid
- Provides slightly more head coverage in mid-cut design than US Army ACH helmet
- Features an Ops-Core Skeleton Shroud for universal compatibility with most NVG mounts, Ops-Core ARC Rails with hook bungees, and external Velcro® Brand fastener

TBH-IIIA

TBH-IIIASentry XP

With an efficient balance of coverage and weight, it delivers protection against handgun, fragmentation, and blast impact. The TBH-IIIAs comes equipped with an Ops-Core Skeleton Shroud for universal compatibility with NVG mounts, Ops-Core ARC Rails with carbineer bungees, and external Velcro® Brand fastener.

- Different in low-, mid-, or high-cut design with three suspension/retention options
- Ballistic shell made of a monolithic composite of woven aramid
- Features an Ops-Core 3-Hole Skeleton Shroud, compatible with most NVG mounts, Ops-Core ARC Rails with hook bungees, and external Velcro® Brand fastener

Ballistic Combat Vehicle Crewman (CVC)

This integrated helmet system features improvements in shell design, inner liner, and communications equipment, and integrates Bose® Product Improved Combat Vehicle Crewman (PICVC) Communication Headset. The helmet shell is designed for fast and area mounted missions that require ballistic, impact, and noise protection, while allowing communications via intercoms or radios. The CVC is compatible with a wide variety of vehicle interface systems and radio systems.

- Shell available in low-cut, high-cut, and PICVC configurations
- Includes a Gentex improved inner liner
- Features Bose Product Improved Combat Vehicle Crewman (PICVC) Communication Headset with Active Noise Reduction (ANR) and intercom interface cable assembly

For complete product details, go to gentexcorp.com/ground
ARGUS APH05T

Tested and approved to meet UK Home Office Standard PS0030/04, protective hardwear standard for UK police. This helmet is offered in a polypropylene (PP) and polycarbonate thermoplastic (TP) thermoplastic shell. It can accommodate a range of full-face respirators.

• Fully approved to the UK Home Office PS0030/04 standard
• Made of a composite of polypropylene and thermoplastic shell, with anti-mist and anti-scratch coating available

FAST SF Carbon Composite

Our most advanced non-ballistic helmet. The vented carbon composite shell is designed for use with communications headsets and delivers ideal minability. Skeletox Optic Arc™ Rails and Ops-Core ARC Shims offer increased functionality and anti-scraping available, and lightweight Modular Ranger Shroud reduces snagging with integrated NVG retention. The Venturi Lock Liner enables stability and comfort while fully loaded and is available with three suspension retention options.

• Lightweight, non-ballistic shell made of a hybrid design of unidirectional composite carbon fiber
• High-performance evolution of the Ops-Core FAST Carbon High Cut Helmet System with improved comfort and increased stability
• Skeletox Optic Arc™ Rails and Ops-Core ARC Shims increase functionality and increase accessory attachment points while maintaining compatibility with legacy FAST headborne accessories
• Venturi Lock Liner and shell for improved airflow
• Anti-ballistic protection with the Venturi Profile Ballistic Applique (VPA)

FAST Carbon

The durable carbon construction delivers protection against blunt impact. It is ideal for rugged training, such as water training and fast roping where ballistic threats are less common. Featured in an Optic Skeletox Shroud for universal compatibility with NVG mounts, Ops-Core Arc Rails with hook bungees, and external VELCRO® Brand fastener.

• High-cut, lightweight, non-ballistic shell features a hybrid design of unidirectional and woven composite carbon fibers
• Designed for less extreme environments, the durable carbon construction provides protection against blunt impact, making it ideal for rugged training, recce and water operations, and fast roping
• Venturi helmet shell for increased airflow

FAST Bump

Ideal for less severe environments where only protection from blunt impact is required, and mission-configured components are a primary need. Includes a molded front NVG mount and Ops-Core Arc Rails with external side VELCRO® Brand fastener.

• Improved blunt impact performance per ACH CI/RD-01-2008
• The FAST Bump helmet is designed for less severe environments where only protection from blunt impact is required, and mission-configured components are a primary need
• Includes a molded front NVG mount and 4-position Ops-Core Arc Rails with external side VELCRO® Brand fastener

ARGUS 017T

The Argus 017T Public Order/Riot Helmet features a robust, safe, and reliable helmet specifically designed for the rigorous operational requirements of public order and security duties. It is high-impact resistant 2mm or 3mm polycarbonate visors, with anti-mist and anti-scratch coating available and accommodates a range of full-face respirators.

• Approved to Technical Specification based on BS PAS017:1995 (Amendment 1)
• Manufactured in high-impact, self-colored acrylonitrile butadiene styrene (ABS) thermoplastic
• High-impact resistant 2mm or 3mm polycarbonate visors, with anti-mist and anti-scratch coatings available

Skull Mounting System

The Skull Mounting System with Modular Bungee Shroud (MBS) is an ultra-lightweight platform for attaching helmet accessories where ballistic and bump protection is not required. It is designed to mount Modular Bungee Shroud (MBS) and 4-point Head-Loc® Chinstraps simultaneously. Also includes a wire and cable management system to streamline external wires and cable routing.

• Made of a composite of nylon and mesh fabric, an ultra-lightweight matrix platform for attaching mission-configured components when ballistic and bump protection are not required
• One-size fits all; three adjustable dials allow for comfort adjustments to any head size or shape
• Features an Ops-Core Skeletox Shroud for universal compatibility with most NVG mounts, a 4-Point Head-Loc® Chinstrap and straight Ops-Core Arc Rail

Non-Ballistic

For complete product details, go to gentexcorp.com/ground

Non-Ballistic

Non-Ballistic

Non-Ballistic
USA

U.S. Army Rangers of the 75th Ranger Regiment conduct field training for a unit TFT (Task Force Training) operation on Joint Base Lewis – McChord, Wa., Aug. 20, 2019

Photo by Spc. Garrett Shreffler
FAST SF

A lightweight accessory for shell protection and signature management. This helmet cover is easy to apply and is compatible with FAST SF Ballistic, FAST SF Carbon Composite, and FAST MT Super High Cut helmets. Features paracord attachment points for natural foliage, camouflage material, or cable management.

- Easy to don and doff using VELCRO® Brand fastener tabs
- Compatible with Ops-Core FAST SF Ballistic, MT, and SF Carbon Composite helmets
- Mesh areas allow for venting when used with non-ballistic helmets
- Paracord attachment points for natural foliage, camouflage material, or cable management
- Available in MultiCam®, Foliage Green, Black, Urban Gray, Tan 499, Coyote Brown, and White

Helmet Cover

FAST Mesh

The original helmet cover for FAST helmets. This cover attaches underneath the shroud, providing shell protection that doesn’t impede FAST helmet functionality. It is compatible with Ops-Core FAST MT Super High Cut and XP High Cut helmets.

- Compatible with Ops-Core FAST MT Super High Cut and XP High Cut helmets
- Lightweight mesh construction with Hypalon® reinforced Cordura® in the shroud area
- Paracord attachment points for natural foliage, camouflage material, or cable management

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LITHUANIA

A Navy explosive ordnance disposal technician renders safe a simulated explosive device in Klaipeda, Lithuania, Aug. 8, 2019.

Photo By: Navy Petty Officer 1st Class Scott Bigley

For complete product details, go to gentexcorp.com/ground
**The Ops-Core Mission Configurable Helmet Cover (MCHC)** is a cost-effective solution equipped with mission-configurable components including the Ops-Core Skeleton One-Hole Shroud, ACH Skeleton Ops-Core ARC Rails with bungees, and exterior VELCRO® Brand fasteners. Components such as visors, mandibles, NVGs, lights, cameras, EO modules, communication devices, and IFF strobes can be attached.

- A simple, cost-effective way to allow mission-specific capabilities to be quickly and easily added without permanent modification of the helmet
- Equipped with mission-configured components including the Ops-Core Skeleton One-Hole Shroud, ACH Skeleton Ops-Core ARC Rails with bungees, and exterior VELCRO® Brand fasteners
- MCHC is secured to the helmet with a combination of a close-tolerance cover design per individual helmet size; integrated straps with VELCRO® Brand fastener; and a ballistic bolt securing shroud to the helmet through existing drilled holes in standard U.S. Army ACH helmets
- Installed bungee cords reduce rattle/vibration of NVGs when mounted
- Fits four standard sizes (SM, MD, LG, XL) of U.S. Army ACH, USMC MICH Type II, and Gentex Low Cut Tactical Ballistic Helmet Systems
- Available in Operational Enduring Freedom Camouflage Pattern (OCP) (MultiCam®); other camouflage and solid colors available upon request

**Universal Loop Kit**

- One-size-fits-all pattern compatible with all new and legacy Ops-Core and Gentex helmets
- Irregular shape provides more attachment points without increasing NIR signature
- VELCRO® Brand hook and loop fastener allows for the secure, quick, and easy attachment and detachment of headborne accessories
- The Universal Exterior Loop Kit combines 11 VELCRO® fastener pieces and replacement guide

**COLOR OFFERINGS**

- Tan 499
- Black
- Olive Green
- Urban Gray

**For complete product details, go to gentexcorp.com/ground**
**Vented Lux Liner**

- Designed for comfort during extended use with fully kitted helmets.
- A suspension system that combines a one-piece, full coverage impact layer with modular, breathable comfort pads that can be customized and repositioned for comfort and integration of communication headsets.
- Available with Worm-Dial, Occ-Dial, and X-Nape retention and suspension options.
- Designed for use with FAST, SF, YP and FY helmets.

**Lux Pux**

- Lowers the pressure materials that are used in the Vented Lux Liner, Lux Pux Linx provides a one-size-fits-all, configurable pad system for TEM, ACH, and ECH style helmet platforms.
- The Lux Pux Linx offers significant weight savings over comparable products without compromising comfort.
- Replacement kit for Occ-Dial Liners.
- Also available in X-Nape, YP, and YP Linx versions.
- Available in M, L, XL, and XXL sizes.

**EPP Liner System**

- Available for use in FAST, Sentry, and TEM style helmets.
- Kit includes front EPP pad, Occ-Dial Kit, Head-Loc 4-Point Chinstrap, and 15/22mm hardware.

**H-Nape Head-Loc Chinstrap**

- Designed to counter NVG instability due to slippage on the head, this system is ideal for stabilizing heavier, front-mounted NVGs during rigorous activity.
- Prevents helmet rotation using a fifth adjustment tab on the nape pad. Patented Head-Loc tabs provide instant, one-handed, chinstrap adjustment.

**Gas Mask Chinstrap Extender**

- Adds 3.5” to the chinstrap, allowing it to fasten over the CBRNE mask. Simple to attach and remove with one click of the buckle.
- Compatible with Head-Loc Chinstraps only.
- Available in tan, foliage, and black.

**Universal Nape Pad**

- Located on the nape cup of the Occ-Dial or Worm-Dial retention systems, the pad can be adjusted vertically to customize fit with any head shape, enhancing stability and comfort.
- Significantly enhances the stability and comfort of the helmet by anchoring the back of the helmet across a large surface area on the occipital bone of the head.
- Large surface of the nape pad provides a greater distribution of weight, reducing pressure to the shoulders.
- Compatible with Occ-Dial and Worm-Dial fitbands.
The FAST SF Upgrade Kit allows any user with a legacy FAST helmet to upgrade the modularity of their entire helmet system to the level of a FAST SF. Includes the SHC Skeleton ARC™ Rail with Shim Kit, Universal Loop Kit (one size fits all, exterior VELCRO® Brand fastener), and Modular Bungee Shroud.

FAST SF Upgrade Kit

Suspension/Retention

The ACH Upgrade Kit transforms ACH helmets into a platform capable of integrating system components, while enhancing overall comfort, fit, and stability. Includes Skeleton Ops-Core ARC Rails, Skeleton One-Hole Shroud, and the Ops-Core 360 Liner and retention system.

ACH Upgrade Kit

Suspension/Retention

For complete product details, go to gentexcorp.com/ground.
Modular Bungee Shroud

- Our lightest, most stable NVG shroud features integrated bungee retention that prevents interference with other accessories and a low-profile design that resists snags.
- The most versatile and lightweight night vision shroud available.
- Comprised of a molded outer housing and a machined removable insert, designed to be changed out without removing the shroud from the helmet, to provide multiple mounting solutions within the same shroud platform.
- Eliminates the need for rail-mounted bungees and serves as retention lanyards to secure NVGs.
- The low-profile bungee helps prevent snag hazards while stabilizing NVGs.

MBS Adapter Inserts

- The Modular Bungee System (MBS) Adapter Inserts allow the Modular Bungee Shroud to be used with a wide range of mount solutions without compromising weight or standoff from the helmet.
- Two inserts are available and are compatible with the Wilcox® GSGM and Wilcox® G66/G69.

Skeleton Shroud

- Designed for compatibility with most NVG mounts, provides a secure attachment at the front of the helmet for NVGs, video cameras, illuminators, and other accessories, and is compatible with most NVG mounts.
- Forged aluminum construction for greater strength and durability.
- High-reliance, CNC machined, insert arm interface for precision fit, maintaining movement.
- Multiple bungee and lanyard mounting points for compatibility with visors.

Skeleton One Hole Shroud

- For helmet users with a single NVG screw hole.
- Provides superior adhesion to the helmet shell for NVG stability.
- Features multiple bungee and lanyard mounting points.

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ICELAND

Marines wait to board a KC-130J Super Hercules aircraft at Hermie Air Station, Norway, 10/31/18, during Trident Juncture, a NATO training exercise. Photo By: Navy Petty Officer 2nd Class Jonathan Nelson
Ops-Core ARC Rails transform any FAST helmet into a streamlined platform capable of integrating mission-enhancing components and accessories such as visors, mandibles, lights, and cameras. The optional Ops-Core ARC Shim provides additional attachment points that do not occupy rail space.

- Upgrade the modularity and scalability of any FAST High Cut or Super High Cut helmet
- One size fits all
- Easily mounts to the sides of the helmet using existing chinstrap holes in the helmet
- Available with optional Ops-Core ARC Shim
- Available in Black, Foliage Green, Tan, and Urban Gray

Counterweight Kit

A rear-mounted helmet weight management kit for use with NVGs that balances the platform, enhances comfort, and reduces neck strain.

- (5) 70g removable weights and (5) elastic pockets
- Maximum configurable weight is 0.85lbs (385g)
- Elastic pockets can stretch to fit (2) weights or (1) weight and (1) battery (AA, AAA, or 123)
- Mounts to the rear of the helmet with custom anchors using the existing helmet holes with longer ballistic screws (provided)
- Available in Black, Foliage Green, and Tan

Skeleton Ops-Core ARC™ Rails – FAST

Component Mounts

Skeleton Ops-Core ARC Rails – FAST

Component Mounts

Skeleton Ops-Core ARC Rails – TBH / ACH

Component Mounts

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- Maximum configurable weight is 0.85lbs (385g)
- Elastic pockets can stretch to fit (2) weights or (1) weight and (1) battery (AA, AAA, or 123)
- Mounts to the rear of the helmet with custom anchors using the existing helmet holes with longer ballistic screws (provided)
- Available in Black, Foliage Green, and Tan

For complete product details, go to gentexcorp.com/ground
Airmen perform a military free fall jump in Djibouti, April 17, 2018. The airmen are assigned to the 82nd Expeditionary Rescue Squadron, and they are deployed in support of humanitarian and contingency operations in the Combined Joint Task Force-Horn of Africa area of responsibility.

Photo By: Staff Sgt. Gustavo Castillo
FAST Ballistic

Designed for use with any FAST helmet equipped with Super High Cut Skeleton Ops-Core ARC Rails and Ops-Core ARC Shims, this one-size-fit-all mandible provides ballistic and blunt impact protection without occupying any space in the rail. Flexible armor allows for uncompromised weapon sighting.

- Provides blunt impact and ballistic protection from Slugs: UCP at 1,195 fps
- One size fits all with fore-aft adjustment
- Flexible armor provides the ability to obtain a solid cheek weld
- Uninterrupted field of view
- Lightweight design easily attaches to ARC ARC Shims
- Skeleton Ops-Core ARC rails and Ops-Core ARC Shims available as upgrade kit to any Ops-Core FAST Helmet

FAST Carbon Composite

Designed for use with any FAST Helmet equipped with Super High Cut Skeleton Ops-Core ARC Rails and Ops-Core ARC Shims, this one-size-fit-all mandible provides blunt impact protection without occupying any space in the rail. A pivoting vent plate on the front of the mandible prevents debris from entering while still allowing airflow.

- Increased elemental and blunt impact protection
- One size fits all with fore-aft adjustment
- Uninterrupted field of view
- Pivoting vent plate to reduce fog, enable clear communication, and easy hydration access
- Lightweight design easily attaches to SHC Ops-Core ARC Shims
- Skeleton Ops-Core ARC rails and Ops-Core ARC Shims available as upgrade kit to any Ops-Core FAST Helmet

Force-on-Force

Designed for use with any FAST, Sentry, or TTH style helmet equipped with Ops-Core ARC Rails. This one-size-fit-all mandible provides protection from training ammunition to the mouth, nose, ear, and neck areas. Adjustable face rail can seat vertically to enable an optional fit on various platforms and uses.

- Compatible with any Ops-Core helmet option or helmet equipped with Ops-Core ARC Rails
- Flexible armor provides the ability to obtain a solid cheek weld
- Breathable soft armor reduces fogging
- Removable neck skirt to scale coverage

For complete product details, go to gentexcorp.com/ground
FAST Low Profile Ballistic Applique

- Increases the protection of a FAST SF Carbon Composite Helmet. This low-profile applique provides lightweight, scalable helmet protection against 9mm and frag threats.
- Quick, repeatable, and tool-less attachment using VELCRO® Brand fastener and the Ops-Core ARC Shim.
- Designed for Ops-Core FAST SF Carbon Composite Helmet.
- Hybrid design using Carbon and uni-directional polyethylene materials.
- Offers lightweight, scalable hybrid protection against 9mm and frag threats.
- Quick, repeatable, and tool-less attachment.

FAST Side Armor

- Increases the ballistic coverage and environmental protection, which allows the user to quickly adjust the level of ballistic coverage to match changing threats. Side armor provides lightweight, scalable helmet protection against 9mm and frag threats. Attaches to the Ops-Core ARC Rails. Slim and wide profile versions are available for Super High Cut and High Cut FAST Helmets.
- Quickly increase the ballistic coverage of a FAST helmet.
- Available in slim and wide configurations.
- Available for both Super High Cut and High Cut trims.
- Easy tool-less attachment to the Ops-Core FAST ARC Rails.

For complete product details, go to gentexcorp.com/ground
Ops-Core Mk1 PPE was designed to meet the need for more rugged, mission-configurable eyewear for elite forces. More than 50 years of Gentex experience and innovation in high performance optics manufacturing is delivered in every lens we create. Lens protection conforms to an abbreviated and modified ANSI Z87.1 in accordance with Ops-Core Mk1 Performance Specification PS-1218.

- Compliant with portions of the ANSI Z87.1 optical standards
- Gentex manufactured lenses offer the highest quality and levels of protection
- Lenses currently available in Clear, Tint, High Contrast, and Laser Dazzle (Gentex-patented lens technology for maintaining see-through color perception while providing necessary protection from green and blue commercial lasers)
- Future lens options include Advanced Laser Eye Protection (ALEP), Enhanced Ballistic, and Variable Light Transmission

**LENS OPTIONS**

- Clear
- Tint
- Dazzle
- HC

**INSERT OPTIONS**

- Standard Insert
- Foam Wind/Dust Insert
- Face Mask Dual Insert

**Handgun Face Shield**

The face shield can be added to helmets to defend against multiple impacts from handgun threats for law enforcement and military personnel. Rated to stop the NIJ IIIA handgun threats per NIJ standard 0101.06.

- Face shield assembly fits all sizes of Ops-Core FAST and Sentry helmets, and Gentex ACH/TBH style helmets equipped with Ops-Core ARC Rails
- Ballistic protective lens stops multiple hits of up to .44 Mag at 1,400 fps
- Fore/Aft adjustment maintains effective seal with different helmet geometries as well as increases offset to accommodate masks and other equipment when needed
- Rail interface locking system provides solid platform for the face shield
- Locking mechanism secures face shield at any angle

For complete product details, go to gentexcorp.com/ground
**Ballistic Active Shooter Kit**

The kit comes pre-configured with the Ops-Core Multi-Hit Handgun Face Shield and is ideal for quick use by law enforcement for active shooter situations. The base shell provides protection in excess of NIJ IIIA levels, while the face shield protects the face from handgun threats. Additional stability, and increased protection and comfort is added by the suspension system and 4-Point Head-Loc H-Nape Chinstrap.

- Gentex low-cut shell featuring ACH Skeleton Ops-Core ARC rails designed to meet the rigorous challenges of law enforcement
- Maximum coverage offers superior protection against handgun, fragmentation, blunt impact, and environmental threats
- Multi-Hit Handgun Face Shield seamlessly incorporates with Gentex T38 helmet systems using the ACH Skeleton Ops-Core ARC rails for facial protection against multiple impacts from handgun threats

**Shield Riot/Breaching Visor**

The Ops-Core Riot/Breaching Visor offers modular, rapidly employed face protection for operators with Ops-Core ARC Rail-equipped helmets. The deep “V” shape easily pivots up and down to provide full face protection when needed. Particularly useful for riot or breaching operations.

- Compatible with any helmet with an Ops-Core ARC Rail
- Pivots up and down and will rotate in any position
- Rubber gasket seals against surface of helmet shell
- Attachment area for smaller storage footprint
- Weight 1.2 lbs
- Anti-scratch coating on outside of lens and anti-fog coating on inside

**FAST and Sentry**

Delivers a high level of ballistic protection with clear vision, easy on and off, and one-handed operation. Rapidly and securely forward from the closed, operable form position at any direction, using field-proven Camlock technology.

- Provides addtional face protection from blunt impact and ballistic threats
- Tool-less installation and removal; easy one-handed operation
- Provides ballistic protection from IED fragments, rough terrain landings perform well, and do not re-encourage entry off road vehicle
- Includes 45-degree increments for a fully open, vented or fully closed position
- Conforms with abbreviated and modified MIL-PRF-33649 and MIL-STD-1971.1 optics and impact performance

**NVG Snap Shields**

- PVS-31 Attaches to PVS-31 Night Vision Goggles (NVGs) to help safeguard the eyes and face from fragments, water spray, and debris with minimal impact to peripheral vision. Easily integrates with all Ops-Core and Gentex helmet systems.
- PVS-15 Attaches to PVS-15 Night Vision Goggles (NVGs) to help safeguard the eyes and face from fragments and debris with minimal impact to peripheral vision.
- PVS-15 model available in a Green Glow Occlusion or Clear version
- Snap on and off without the use of tools
- Pass MIL-PRF-33649 5.6 grain at 650fps and 17 grain at 550 fps and are in conformance with an abbreviated and modified MIL-STD-1971.1 optics and impact performance

**FAST Visor compatible with Ops-Core FAST Helmets.**

**Sentry Visor compatible with Ops-Core Sentry Helmets.**

For complete product details, go to gentexcorp.com/ground
STEP-IN

Designed to seamlessly integrate with Night Vision Goggles (NVGs), the Ops-Core STEP-IN Visor is the ideal solution for users requiring full eye protection in addition to NVG accessibility. Featuring removable gaskets and tool-less interchangeable lenses, the STEP-IN Visor assembly is easily configured for various mission requirements. The STEP-IN Visor is a low-profile, one-size-fits-all option that is fully compatible with Ops-Core and Gentex helmets that use Ops-Core ARC Rails.

- SIV is designed to sit comfortably behind NVGs
- Tool-less installation of various lenses depending on mission requirements
- Includes a clear and a tinted lens
- Lenses available: Clear, Tinted, High Contrast
- Removable rubber side gaskets keep dirt and dust out of eyes when in use
- HC-13 anti-scratch coating on outside of lens and MGAF anti-fog coating on inside

COLOR OFFERINGS

LENS OPTIONS

To view product details, go to gentexcorp.com/ground
Marines participate in live-fire training in Volos, Greece, Jan. 7, 2019, during Alexander the Great, a training exercise between U.S. and Greek armed forces.

Photo by: Marine Corps Staff Sgt. Andrew Ochoa

For complete product details, go to gentexcorp.com/ground
The Adaptive Mission Platform (AMP) Communication Headset features 3D Hear-Through Technology (3DHT) and advanced scalable hearing protection. For optimal flexibility and performance, the modular headset can be easily configured to meet a wide range of mission needs.

**FIXED DOWNLEAD**
All the same features of the Connectorized AMP Communication Headset with a permanently-attached, integrated downlead cable, as opposed to the removable one of the Connectorized version.

- Available in both Amphenol and U174 versions
- World-class audio quality provides the ability to operate in combat environments
- 3D Hear-Through Technology (3DHT) restores and enhances “natural hearing” of outside environment for improved situational awareness
- Enhanced Hearing allows the operator to boost their hearing up to +12dB
- Mission Configurable Capability enables the headset to be quickly converted back and forth between an ergonomic headband and helmet-mounted configuration
- Quick-Release Downlead Connections on each earcup allow the operator to quickly configure between single left/right, dual, or no downlead configurations
- Optional NFMI (Near Field Magnetic Induction) Earplugs provide increased noise reduction, while maintaining clear communications and 2D-Hear Through ability. NFMI Earplugs do not require wires or batteries. NOTE: Compatible with NFMI-enabled headsets only
- Fast-Safe Communicators provides confidence that in the event of battery loss, 3DHT will power off, but the headset and earplugs will still be able to transmit and receive communication
- Ambidextrous Noise-Cancelling Microphone mitigates background noise enabling clear communication. Can be mounted to left or right earcup or removed as preferred, without tools
- Mask microphone compatibility via integrated microphone mounting & connection point enables easy integration with any U-173/U-standard plug, commonly found on respirator, gas, and oxygen masks
- Ergonomic EarSeals designed for optimal comfort and noise reduction utilizing superior materials

**Situational Awareness**

**AMP Communication Headset**

**Situational Awareness**
**AMP Skins**

AMP Skins can be added to provide additional signature management.

**PATTERN OFFERINGS**

- MultiCam®
- MultiCam® Topo
- MultiCam® Black
- MultiCam® Alpine

**COLOR OFFERINGS**

- MultiCam®
- Black
- Urban Gray
- Foliage Green
- Tan 499

For complete product details, go to [gentexcorp.com/ground](http://gentexcorp.com/ground)
AMP Communication Headset Downlead Cables

Multiple quick-release downlead cable options are available for the connectorized versions of the AMP Communication Headset. These allow the operator to quickly configure between single left/right, dual, or no downlead configurations. This also provides flexibility when connecting to systems with different wiring and connector requirements.

- Provides high-quality, environmentally sealed connection points

Push-To-Talks (PTTs)

Used to connect the AMP Communication Headset to various radios.

- Rugged over-molded construction
- Feature a reversible alligator clip
- Reversed activation prevents accidental keying, while still accommodating gloved hand use
- Available with straight wired radio connections, or modular which allows for interchangeable radio downleads
- Available with Amphenol input connectors or U94 (for use with U174 downleads)

NFMI Earplugs

The addition of optional wireless NFMI earplugs provides increased noise reduction, while maintaining clear communications and hear-through audio. When engaged, the NFMI earplug will seamlessly integrate, providing unrivaled hearing protection capability.

- Do not need batteries, recharging, or any wired connection
- The kit ships with standard, slim, and large Comply™ foam tips to accommodate a wide variety of users

For complete product details, go to gentexcorp.com/ground
The Gentex LVIS® m5i is a compact and lightweight intercom system designed for crew communications and radio access in combatant vessels and vehicles. The system is designed to be adaptable and configurable to meet a crew’s mission needs. The basic system accommodates up to five crew members and three long-range radios.

- Delivers full-duplex intercommunications among crewmembers with a single crew volume control knob for a 28dB range of listening volume adjustment
- Compatible with military and commercial radios
- Compatible with the Ops-Core AMP Communication Headset
- Meets military specifications and standards including MIL-Std-461 and MIL-Std-810

LVIS® m5i

The Gentex LVIS Digital is a fully integrated modular intercom system designed to support crew communications and radio access in combatant, patrol, rescue vessels, and ground combat vehicles. The system is configurable and adaptable for all mission profiles. It is lightweight, rugged, marine grade, water resistant, and offers a complete hardwired and wireless communications solution.

- Intuitive crew connection point allows full control of intercom and radio functions
- Wireless option allows full, untethered access to intercom and radios
- Compatible with the Ops-Core AMP Communication Headset
- Meets military specifications and standards including MIL-Std-461 and MIL-Std-810

LVIS Digital
USA

Armor crewmen assigned to Task Force Raider load Sabot rounds onto a M1 Abrams Tank during a pre-deployment training exercise at Fort Hood, Texas, August 18.

Photo By: Army Sarah Kirby

For complete product details, go to gentexcorp.com/ground
Half-mask Special Operations Tactical Respirator (SOTR) is designed to provide protection against a wide range of oil- and non-oil-based particulate contaminants encountered by Special Operations Forces during training and in operational environments. The low-profile design offers protection without interfering with operator’s tactics, techniques, and procedures (TTP) and seamlessly interfaces with weapon systems for optimal effectiveness.

- Offers P100 (99.97%) efficiency against airborne particulates including lead, asbestos, fentanyl, lubricant mist, and explosive gunshot residue.
- Central mounted filter to allow ambidextrous weapon sighting.
- Two exhalation valves for easier breathing under extreme use.
- Non-microphone and microphone versions available, compatible with standard ground communications headsets to enable radio communications.

SOTR O2 Strap Harness Accessory
Allows the user to quickly attach the SOTR to their helmet using the O2 clip receiver on the ARC Rail. The standard strap can be quickly unsnapped and replaced with the O2 version. Sold separately.

SOTR Replacement Filters
Easy to change out, keep a supply of these fresh, highly efficient, filters at hand.

- Offers P100 (99.97%) efficiency against airborne particulates including lead, asbestos, fentanyl, lubricant mist, and explosive gunshot residue.
- Central mounted filter to allow ambidextrous weapon sighting.
- Two exhalation valves for easier breathing under extreme use.
- Non-microphone and microphone versions available, compatible with standard ground communications headsets to enable radio communications.

Respiratory 150 ohm Mask Mic
A noise-canceling, dynamic, respiratory mask microphone designed for the Ops-Core SOTR.

- Optimal design, seamlessly integrates into the respiratory mask for maximum performance.

For complete product details, go to gentexcorp.com/ground
### PERFORMANCE DATA

**BALLISTIC**

Ballistic specs have primarily been derived from government contracts and law enforcement requirements for handgun, rifle, and fragmentation. From our beginnings, we’ve designed and tested to exceed the minimum standard being requested. Our goal is to give the wearer confidence that their helmet is going to perform even in the most demanding conditions.

#### STANDARDS

Testing performed in accordance with the following specifications:

1. US Marine Corps Performance Specification PS-1378, including portions of:
   - TBH-R1
   - TBH-IIIA
2. MIL-STD-662F
3. US Marine Corps Performance Specification PS-1378, including portions of:
   - TBH-R1
   - TBH-IIIA
5. Modified and Abbreviated Family of Tactical Headborne Systems dated June 30 2017
7. US Marine Corps Performance Specification PS-1118
11. NIJ Standard 0106.01 Ballistic Resistant Protective Materials dated September 1985 Type IIIA Threats (9mm 124gr FMJ RN and .44 Cal Magnum 240gr SWCGC)
12. NIJ Standard 0107.01 Ballistic Resistant Protective Materials dated September 1985 Type IIIA Threats (9mm 124gr FMJ RN and .44 Cal Magnum 240gr SWCGC)
13. NIJ Standard 0108.01 Ballistic Resistant Protective Materials dated September 1985 Type IIIA Threats (9mm 124gr FMJ RN and .44 Cal Magnum 240gr SWCGC)
14. NIJ Standard 0108.01 Ballistic Resistant Protective Materials dated September 1985 Type IIIA Threats (9mm 124gr FMJ RN and .44 Cal Magnum 240gr SWCGC)
15. Prescriptive Performance Specifications for Modular Integrated Communication Helmet (MICH), Type II FQ/PD 06-35

#### MINIMUM ISO

<table>
<thead>
<tr>
<th>HELMET</th>
<th>FAST SF</th>
<th>FAST XP</th>
<th>FAST LE</th>
<th>SENTRY XP</th>
<th>SENTRY LE</th>
<th>TBH-R1</th>
<th>TBH-IIIA</th>
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<tr>
<td>2 grain RCC</td>
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<td>4,200 f/s (1,380 m/s)</td>
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<td>.44 Magnum 240 grain SWCGC</td>
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<td>7.62 x 51 NATO M80 Ball, 150 grain</td>
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For complete product details, go to [gentexcorp.com/ground](http://gentexcorp.com/ground)
PERFORMANCE DATA

PROTECTIVE COMPONENTS

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<tr>
<th>2 grain (V50)</th>
<th>4 grain (V50)</th>
<th>16 grain (V50)</th>
<th>64 grain (V50)</th>
<th>17 grain / 1.1FP S (V50)</th>
<th>9mm FRJ III (N/A at 880fps)</th>
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FAST BALLISTIC MANDIBLE

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<tr>
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<th>16 grain (V50)</th>
<th>64 grain (V50)</th>
<th>17 grain / 1.1FP S (V50)</th>
<th>9mm FRJ III (N/A at 880fps)</th>
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FAST SIDE ARMOR

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FAST LOW PROFILE BALLISTIC APPLIQUE

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<th>17 grain / 1.1FP S (V50)</th>
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STEP-IN VISOR

<table>
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<tr>
<th>FAST VISOR</th>
<th>SENTRY VISOR</th>
<th>HANDGUN FACE SHIELD</th>
<th>PVS-31 NVG SNAP SHIELDS</th>
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<th>17 grain / 1.1FP S (V0)</th>
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<th>64 grain (V0)</th>
<th>17 grain / 1.1FP S (V0)</th>
<th>9mm FRJ III (N/A at 880fps)</th>
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FAST BALLISTIC MANDIBLE

| Ballistic Resistance: RTP 7.62 x 51 UTM round at 375 f/s. |
| The Force-on-Force Mandible does not provide protection outside the coverage area designated by the rigid polymer frame and conformable fabric cover. |

FORCE-ON-FORCE MANDIBLE*

| Ballistic Resistance: RTP 7.62 x 51 UTM round at 375 f/s. |
| The Force-on-Force Mandible does not provide protection outside the coverage area designated by the rigid polymer frame and conformable fabric cover. |

*Mainly used for training purposes.

ROIT / BREACHING VISOR

| Ballistic Resistance: RTP 7.62 x 51 UTM round at 375 f/s. |
| The Force-on-Force Mandible does not provide protection outside the coverage area designated by the rigid polymer frame and conformable fabric cover. |

*Mainly used for training purposes.

For complete product details, go to gentexcorp.com/ground.
Ballistic specs are primarily derived from government contracts and law enforcement requirements for handgun, rifle, and fragmentation. Gentex designs and tests helmets to exceed the minimum standards. The goal is to give the wearer confidence that their helmet is going to perform in the most demanding conditions.

### Vertical Drop Simulation onto Oval Anvil

All systems meet the requirement of 2 impacts on 7 locations with 10 ft/s velocity. All measurements < 150 Gs in ambient, hot, and cold conditions.

### Vertical Drop Simulation onto Curbstone Anvil

All systems meet the requirement of 1 impact on 3 locations with 8.66 ft/s velocity. All Gentex and Ops-Core helmets are tested to this exacting impact standard.

<table>
<thead>
<tr>
<th>Helmet Model</th>
<th>Headform Coverage</th>
<th>Headform  Coverage</th>
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</thead>
<tbody>
<tr>
<td>FAST SF</td>
<td>FAST (High-Cut)</td>
<td>FAST (High-Cut)</td>
</tr>
<tr>
<td>FAST XP</td>
<td>FAST XP (High-Cut)</td>
<td>FAST XP (High-Cut)</td>
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<tr>
<td>FAST SF CARBON COMPOSITE</td>
<td>FAST SF CARBON COMPOSITE</td>
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<tr>
<td>FAST BUMP</td>
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<tr>
<td>FAST LE</td>
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<tr>
<td>SENTRY XP</td>
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<td>SENTRY LE</td>
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<td>TBH-R1</td>
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<td>TBH-BA MC</td>
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</table>

All coverage measurements based on size L helmets.
ENVIRONMENTAL TESTING

Gentex derives its tests from the toughest standardized military requirements. To test submersion, helmets are soaked in water for 12 hours. For temperature tolerance, helmets are subjected to heat at 160°F/71°C, ambient temperature, and cold at -40°F/-40°C. Then, they undergo a full battery of function, ballistic and impact tests. Additionally, helmets are tested against caustic and corrosive agents like gasoline, DEET, salt spray, and petroleum products.

ENVIRONMENTAL TESTING

- Cold Temperature Storage and Operating
  - Storage: -60°F (-51°C)
  - Operating: -40°F (-40°C)
- Hot Temperature Storage and Operating
  - Storage: +160°F (+71°C)
  - Operating: +120°F (+49°C)
- Sea Water Submersion
  - 3 hours / Salt Water
  - 24 hours / Salt Water
- Corrosion Resistance
  - 3 hours / Salt Water
- Flame Resistance
  - 2 seconds / Open Flame

For complete product details, go to gentexcorp.com/ground.
We Serve Customers Worldwide

We work to serve our customers wherever they need us, supporting militaries and security teams in the U.S. and around the world for over 100 years. Dedicated teams at our four facilities in the U.S., two European operations, and a global network of sales offices and agents in over 40 countries are ready to support you.

We Offer the Power of Gentex Corporation Locally

Partner with a local authorized Gentex Corporation distributor/agent to get our industry-leading products plus all the benefits of working with a local company. To find a location near you, visit gentexcorp.com/contact.

Responsive, World-Class Maintenance Support

To help maintain product performance, we offer replacement parts and maintenance programs for all our fielded systems. This keeps the equipment performing as well as it did when new, and in many cases, even better with the advancement of new components.