

# 2018 PRODUCT CATALOG



ARMOR SYSTEMS

**READY IS THE ONLY OPTION.**



**GH Armor Systems**, located in Dover, Tennessee, is a leading provider of high-performance



protective solutions  
to the military, federal  
and law enforcement

communities. With more than 30 years of experience, GH offers a comprehensive portfolio of advanced armor solutions that includes concealable, tactical and correctional products designed for superior wearability and protection. All GH Armor Systems products are precision engineered to meet the highest industry standards for quality, reliability and safety.

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**gharmorsystems.com**









Visit us online for additional information and resources including Online Sizing Submission, Distributor Locator, BVP Application Support, Warranty Registration and more.

# NIJ STANDARDS & DESIGN



GH Armor Systems is committed to providing a solution for every threat. Whether duty calls for protection from bullets, spiked weapons or both, GH has you covered. All products are designed to meet and exceed federal test standards. The tables below identify baseline threats tested during certification. Special threat testing is available for select models and performed at NIJ-certified independent test facilities.



NIJ STANDARD—0101.06   BALLISTIC RESISTANCE				
BULLET CALIBER & TYPE		BULLET WEIGHT (GRAINS)	NEW ARMOR VELOCITY (FT/S)	CONDITIONED ARMOR (FT/S)
THREAT LEVEL IIA	 9mm FMJ	124	1225	1165
	 .40 S&W FMJ	180	1155	1065
THREAT LEVEL II	 9mm FMJ	124	1305	1245
	 .357 Magnum JSP	158	1430	1340
THREAT LEVEL IIIA	 .357 SIG FMJ	125	1470	1410
	 .44 Magnum SJHP	240	1430	1340
THREAT LEVEL III	 7.62mm (M80)	147	N/A	2780
THREAT LEVEL IV	 .30 Caliber Armor Piercing Rifle Round (M2 AP)	166	N/A	2880

NIJ STANDARD—0115.00   STAB RESISTANCE				
"E1" STRIKE ENERGY			"E2" OVERTEST STRIKE ENERGY	
	JOULES	FT•LBF	JOULES	FT•LBF
SPIKE LEVEL 1	24 ± 0.50	17.7 ± 0.36	36 ± 0.60	26.6 ± 0.44
SPIKE LEVEL 2	33 ± 0.60	24.3 ± 0.44	50 ± 0.70	36.9 ± 0.51
SPIKE LEVEL 3	43 ± 0.60	31.7 ± 0.44	65 ± 0.80	47.9 ± 0.59



# MALE & FEMALE VEST DESIGN

Male and female bodies are simply different. Then why should male and female armor be made the same? They shouldn't. GH Armor Systems design engineers have created male and female models — over 1,000 sizes of each — in our most popular packages to ensure optimal fit and coverage for every body type.

## MALE & NON-STRUCTURED FEMALE

All GH models are available in male and non-structured female designs. With more than 30 years of experience, we know that every body type is different and sometimes that means a non-structured fit is better for some women. Our primary goal is simple: to provide you with the best fit. You can be comfortable knowing that each custom-sized female vest is reviewed by one of our Product Design Group specialists and backed by our 60-Day Fit Guarantee.

## STRUCTURED FEMALE

Separately certified from the male models, our structured female designs are specifically created to fit all of the possible shapes and curves of the female form. We've identified the nine measurements that are crucial to finding just the right size and use those to create your custom-sized vest. Our structured female vests include proprietary, contoured bust design and seaming to provide a smooth, natural and sculpted fit. Available in HeliX, LiteX and ProX series.



An improper fit is the primary cause of uncomfortable armor. While we maintain a first-time fit rate of over 98%, GH Armor Systems offers a 60-Day Fit Guarantee for all custom-sized vests. Should the wearer deem their armor in need of alteration – bigger, smaller, longer,



shorter – the vest may be returned within 60 days of original shipment to GH for one alteration at no charge. Please note the Fit Guarantee does not apply to vests ordered in stock sizes. Visit our website or contact GH Customer Service to learn more.

# TIERED SOLUTIONS

## PREMIUM



- Premium lightweight solution
- Unmatched softness and comfort
- Special-threat tested
- Available in Levels II & IIIA

## PERFORMANCE



- Perfect combination of price and performance
- Design focus on wearability
- Special-threat tested
- Available in Levels II & IIIA

## VALUE



- Protection with emphasis on value
- Meets latest NIJ standard for varied duties
- Special-threat tested
- Available in Levels IIA, II & IIIA

## MULTI-THREAT



- Defeats both ballistic and spike threats
- Designed for protection and comfort
- Available in Level II/2

## CORRECTIONS



- Protection against spike threats
- Extremely lightweight and flexible
- Available in Levels 1, 2 & 3

# BALLISTICS

## MISSION OBJECTIVE: WEARABILITY

Weight is not the only determinant of a comfortable vest. GH Armor Systems understands that there are a variety of factors that contribute to a vest that is wearable. Through rigorous design and testing, solutions are optimized not only to reduce weights, but also to improve flexibility, softness and comfort. Whether on deployment or working an extended shift, the only kind of vest that works is a vest that is worn. Wearability increases survivability.



**SPECIAL THREAT TESTING** is available for select models and performed at NIJ certified independent test facilities. NIJ test protocol certifies models to specific performance standards, while special threat testing uses the same facilities and conditions to test popular rounds specific to regional threats.

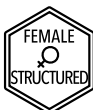
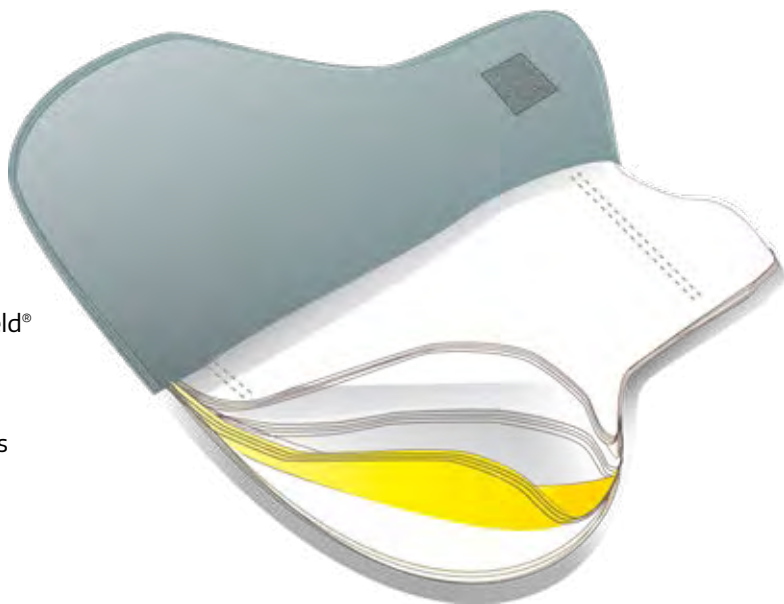


**PREMIUM LIGHTWEIGHT SOLUTIONS  
FOR ABSOLUTE COMFORT.**

**LEVELS II IIIA**

The first and last choice when the requirement for comfort is absolute. The HeliX series offers a level of comfort and flexibility that is difficult to achieve in lightweight packages.

- Hybrid designs featuring Twaron® and Spectra Shield®
- Available in male and structured female designs
- Special threat tested (see website for details)
- Water-resistant panel cover with heat-sealed seams
- Exclusively patented ballistic desiccant for moisture management



**Twaron®**

The power of Aramid

**Honeywell**



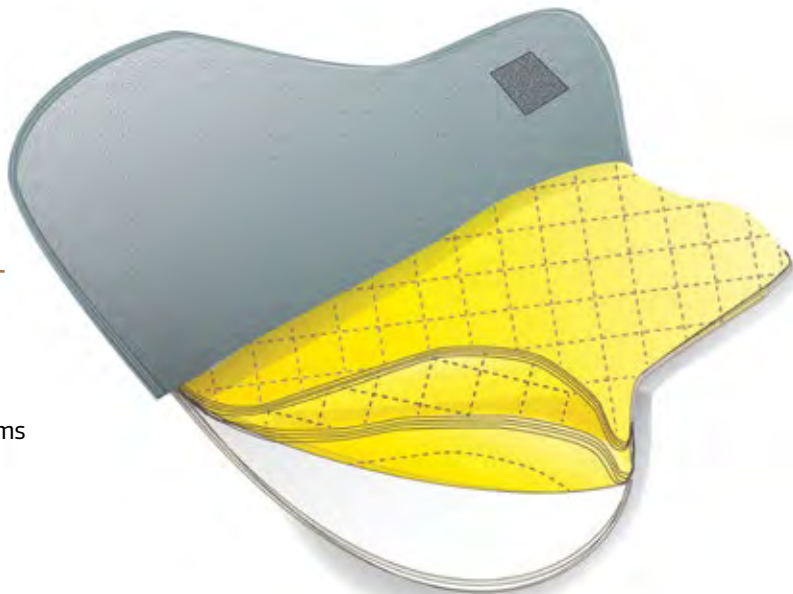
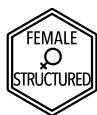


**THE PERFECT COMBINATION OF PRICE AND PERFORMANCE.**

**LEVELS II IIIA**

The LiteX series provides superior protection and increased trauma performance with a focus on wearability, making it the workhorse of the line.

- Hybrid designs featuring Twaron® and Gold Flex®
- Available in male and structured female designs
- Special threat tested (see website for details)
- Water-resistant panel cover with heat-sealed seams
- Exclusively patented ballistic desiccant for moisture management



**Twaron®**

The power of Aramid

**Honeywell**

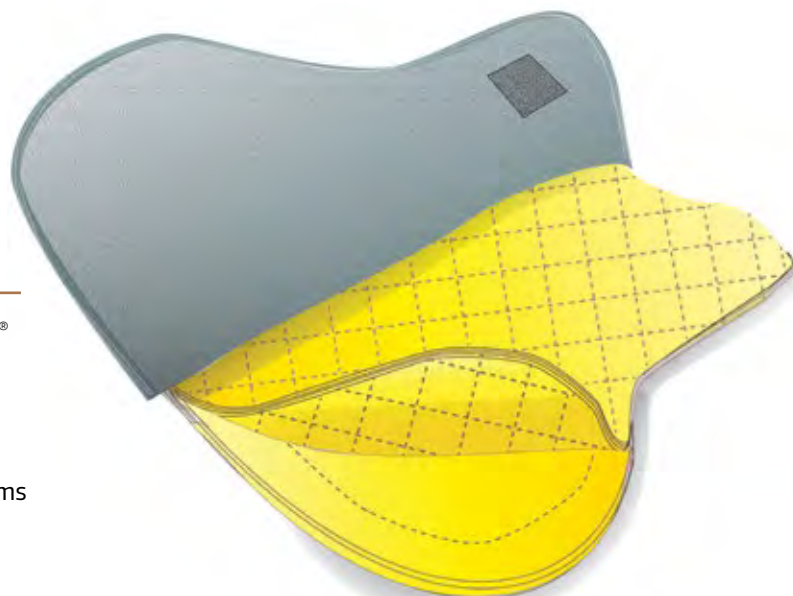
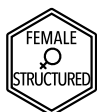


**COMPLETE PROTECTION WITH AN EMPHASIS ON VALUE.**

**LEVELS IIA II IIIA**

The ProX series offers access to NIJ Standard-0101.06 protection at an affordable price. Delivering both extreme value and availability in customized solutions.

- Hybrid designs featuring Twaron® and Goldshield®
- Available in male and structured female designs
- Level IIIA available in front opening design
- Special threat tested (see website for details)
- Water-resistant panel cover with heat-sealed seams



**Twaron®**

The power of Aramid

**Honeywell**

# CORRECTIONS

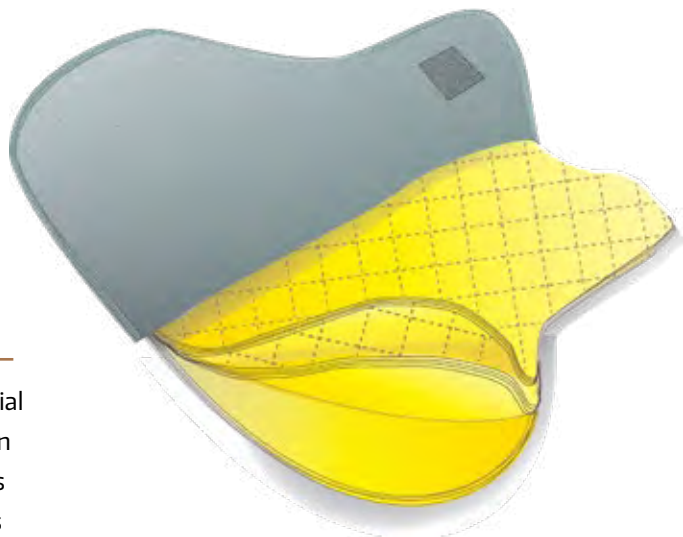


**LEVEL II/2**

The TalonX II/2 is the answer for multiple-threat environments. Certified to both NIJ Standard-0101.06 and 0115.00, provides ballistic Level II and spike Level 2 protection. Hybrid Kevlar® construction provides exceptional reliability.

- Hybrid design featuring Kevlar® Correctional™ material
- Dual-threat certified for ballistic and spike protection
- Available in male and non-structured female designs
- Water-resistant panel cover with heat-sealed seams
- Exclusively patented ballistic desiccant for moisture management

**ADVANCED PROTECTION AGAINST MULTIPLE THREATS.**



DuPont™  
**KEVLAR®**

**Honeywell**

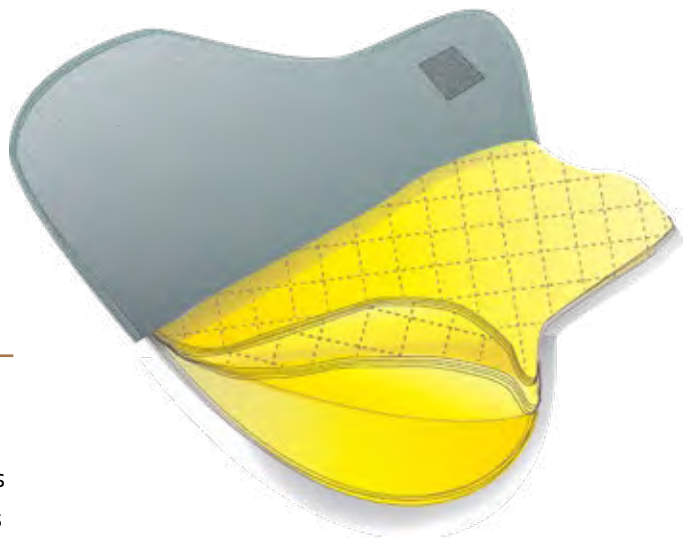


**LEVELS 1 2 3**

The Talon series offers correctional officers varied levels of spike protection. Engineered from proven Kevlar® Correctional™ material, lightweight and flexible solutions. Compatible with concealable or external carriers for mission adaptability.

- Featuring Kevlar® Correctional™ material
- Certified to three levels of spike protection
- Available in male and non-structured female designs
- Water-resistant panel cover with heat-sealed seams
- Exclusively patented ballistic desiccant for moisture management

**YOUR STOP FOR SPIKE PROTECTION.**



DuPont™  
**KEVLAR®**

**Honeywell**





## CARRIERS

NIJ STANDARDS & DESIGN

BALLISTICS

CORRECTIONS

CARRIERS

TACTICAL

HARD ARMOR

# OCC | ORION CONCEALABLE CARRIER



SIDE VIEW



STRUCTURED FEMALE

## FEATURES

- Nylon diamond ripstop, sleek and durable
- Dynamic knit fabric inner lining, moisture wicking, anti-microbial and odor resistant
- Spacer mesh padded shoulders and back for comfort and weight distribution with strap pass-through channel
- Front and rear dual 5x8"/8x10" trauma plate pockets (female 5x8" only)
- Removable 6- and 4-point strap kit with elastic cummerbund
- Full width 6" rear Velcro® brand loop for optimal adjustability
- Front and rear shirt tails for secure vest alignment
- Dynamic knit fabric at stress points for flexibility
- Diamond ripstop integration in friction zones for added durability
- Rear access apron for discrete strap adjustment

## COLORS

Black
  Dark Navy
  Tan
  White





# LPC | LOW PROFILE CONCEALABLE CARRIER

## FEATURES

- Nylon diamond ripstop, sleek and durable
- Dynamic knit fabric inner lining, moisture wicking, anti-microbial and odor resistant
- Front and rear dual 5x8"/8x10" trauma plate pockets (female 5x8" only)
- Removable 6- and 4-point strap kit with elastic cummerbund
- Full width 6" rear Velcro® brand loop for optimal adjustability

## COLORS

Black Dark Navy Tan White



REAR VIEW



# EXTERNAL CARRIERS

## TRC | TACTICAL RESPONSE CARRIER

- Accepts all GH concealable panels
- External tactical carrier with MOLLE attachment
- Durable 1000 denier Cordura Nylon outer material
- Moisture wicking inner lining for heat and moisture management
- Front and rear 10x12" hard armor plate pockets
- Internal 5x8" front trauma plate pocket
- Rear drag strap for emergency extraction
- Front and rear ID's included with hybrid MOLLE/Velcro® brand hook and loop
- Dual mic tabs at shoulders
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Fully adjustable side and shoulder closures with durable high-profile Velcro® brand hook and loop

### COLORS

Black
  Dark Navy
  Coyote
  OD Green



## TRC-B TRC BRAVO

- Accepts all GH concealable ballistic panels
- Durable 1000 denier Cordura Nylon outer material
- Moisture wicking inner lining for heat and moisture management
- Front and rear 10x12" hard armor plate pockets
- Internal 5x8" front trauma plate pocket
- Rear drag strap for emergency extraction
- Front and rear ID's included with hybrid MOLLE/Velcro® brand loop zone for attachment and dual mic tabs
- Padded shoulder retention with spacer mesh
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Adjustable front external cummerbund and side closures with durable high-profile Velcro® brand hook and loop
- Front kangaroo pocket for additional storage



### COLORS

Black
  Dark Navy
  Coyote
  OD Green

## TRC-D TRC DELTA

- Accepts all GH concealable ballistic panels
- Durable 1000 denier & 500 denier Cordura Nylon outer material
- Front and rear 8x10 and 10x12" hard armor plate pockets (for most sizes)
- Internal 5x8" front trauma plate pocket
- Removable inner cummerbund for secure fit
- Rear drag strap for emergency extraction
- Padded shoulder retention with spacer mesh
- Front and rear ID included with 4x10" VELCRO® brand loop zone for attachment and dual mic tabs
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Fully adjustable side and shoulder closures



### COLORS

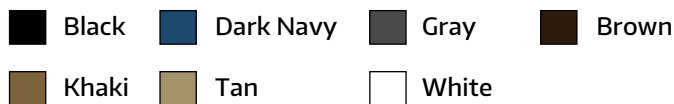
Black
  Dark Navy
  Coyote
  OD Green



# USC | UNIFORM SHIRT CARRIER

- Accepts all GH concealable panels
- External carrier with professional, non-tactical appearance
- Durable 600 denier polyester outer material
- Moisture wicking inner lining for heat and moisture management
- Two functional dress pockets with dual pen sleeves
- Two hidden pockets behind upper dress pockets for discreet storage
- Two lower utility pockets for added storage
- Standard badge grommets and optional name plate grommets/attachment included
- Formal shoulder epaulets double as mic tabs
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Fully adjustable side and shoulder closures with durable high-profile Velcro® brand hook and loop
- Internal 5x8" and 8x10" front trauma plate pockets

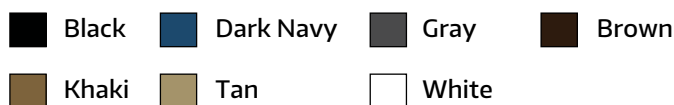
## COLORS



# USC-M | UNIFORM SHIRT CARRIER MOLLE

- Accepts all GH concealable panels
- External carrier with MOLLE attachment system
- Durable 600 denier polyester outer material
- Moisture wicking inner lining for heat and moisture management
- Two functional dress pockets with dual pen sleeves
- Two hidden pockets behind upper dress pockets for discreet storage
- Standard badge grommets and optional name plate grommets/attachment included
- Formal shoulder epaulets double as mic tabs
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Fully adjustable side and shoulder closures with durable high-profile Velcro® brand hook and loop
- Internal 5x8" and 8x10" front trauma plate pockets

## COLORS



# EMS

## EMS CARRIER

- Accepts all GH concealable panels
- EMS specific design with high visibility
- Durable 500 denier Cordura Nylon outer material
- Moisture wicking inner lining for heat and moisture management
- Available in fixed pocket and MOLLE attachment design
- 6x8" oversized medical gear pockets—one top load and one drop down
- Reflective striping front and rear for extreme visibility
- Front and rear ID's included with 4x10" Velcro® brand hook and loop
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Fully adjustable side and shoulder closures with durable high-profile Velcro® brand hook and loop
- Internal 5x8" and 8x10" front trauma plate pockets



Available with MOLLE

### COLORS

Black Dark Navy

# APB

## APB CARRIER

- Accepts all GH concealable ballistic panels
- Front-opening professional design with MOLLE attachment
- Durable 1000 denier Cordura Nylon outer material
- Smooth Nylon inner lining for ease of closure
- Soft perimeter mesh surrounds arms, avoids clothing snags
- Dual chest pockets and triple mic tabs
- Grommets for badge and Velcro® brand loop for nameplate attachment
- Rear ID included with 4x10" Velcro® brand hook and loop
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Adjustable height cummerbund for secure fit
- Side and shoulder closures offer up to 5" adjustability with durable high-profile Velcro® brand hook and loop
- Dual 5x8"/8x10" front pocket accepts trauma plate
- 10x12" rear pocket accepts plate or hydration system



### COLORS

Black Dark Navy Coyote OD Green

# CFC | CLEAN FRONT CARRIER

- Accepts all GH concealable panels
- External carrier with low profile and hidden pockets
- Durable 500 denier Cordura Nylon outer material
- Moisture wicking inner lining for heat and moisture management
- Hidden chest pocket with zipper closure
- Two large side-accessible zippered pockets
- Front and rear ID's included with 4x10" Velcro® brand hook and loop
- Dual mic tabs at shoulders
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Fully adjustable side and shoulder closures with durable high-profile Velcro® brand hook and loop
- Internal 5x8" and 8x10" front trauma plate pockets

### COLORS

Black Dark Navy Coyote OD Green



# TOC | TACTICAL OUTER CARRIER

- Accepts all GH concealable panels
- External tactical carrier with fixed pockets
- Durable 500 denier Cordura Nylon outer material
- Moisture wicking inner lining for heat and moisture management
- Front pockets include 6x6" utility, pen/flashlight, triple mag and universal radio
- Rear pockets include dual handcuff
- Hidden chest pocket with zipper closure
- Front and rear ID's included with 4x10" Velcro® brand hook and loop
- Dual mic tabs at shoulders
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Fully adjustable side and shoulder closures with durable high-profile Velcro® brand hook and loop
- Internal 5x8" and 8x10" front trauma plate pockets

## COLORS

Black
  Dark Navy
  Coyote
  OD Green



# QOC QUILTED OUTER CARRIER

- Accepts all GH concealable panels
- External quilted carrier for warmth and comfort
- 100% Nylon quilted outer material with soft polyester plush
- Moisture wicking inner lining for heat and moisture management
- Single chest pocket for quick access
- Two lower utility pockets for storage
- Dual mic tabs at shoulders
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Fully adjustable side and shoulder closures with durable high-profile Velcro® brand hook and loop
- Internal 5x8" and 8x10" front trauma plate pockets



## COLORS

Black
  Dark Navy

# FIC FIREARMS INSTRUCTOR CARRIER

- Accepts all GH concealable panels
- External tactical carrier with high visibility for range duty
- Durable 500 denier Cordura Nylon outer material
- Moisture wicking inner lining for heat and moisture management
- Front pockets include 6x6" utility, pen/flashlight, triple mag and universal radio
- Rear pockets include dual handcuff
- Hidden chest pocket with zipper closure
- Front and rear ID's included with 4x10" Velcro® brand hook and loop
- Dual mic tabs at shoulders
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Internal cummerbund for secure fit
- Fully adjustable side and shoulder closures with durable high-profile Velcro® brand hook and loop
- Internal 5x8" and 8x10" front trauma plate pockets



## COLORS

Red





**TACTICAL**





# QUAD | MODULAR TACTICAL VEST SYSTEM



- Available in all Level IIIA ballistic packages
- Construction utilizes dual 1000/500 denier Cordura nylon with urethane/water-repellent coating for durability
- Front and rear 4x10" Velcro® brand loop for ID attachment (smaller sizes may offer reduced attachment area)
- Front and rear top-loading 10x12" hard armor plate pockets with internal plate-leveling system
- Front and rear trauma plate pockets
- Spacer mesh and additional padding on body side of vest for ventilation and cooling
- Fully adjustable shoulders
- Expansive MOLLE attachment coverage for pouches and accessories
- Rear drag strap for emergency extraction
- Front kangaroo pocket for additional storage
- Integrated communications/hydration channels
- Body side elastic cummerbund to securely hold vest in proper alignment

## FEATURES

- Cummerbund
- Collar Protector
- Throat Protector
- Groin Protector
- Bicep Protectors
- Lower Back Protector
- Cummerbund Ballistic Inserts
- Shoulder Ballistic Inserts
- 6x6" or 6x8" Side Plate Pockets

## COLORS

- Black
- Ranger Green
- Coyote
- MultiCam

# VFO | VELOCITY FRONT-OPENING TACTICAL VEST



- Available in front-opening Level IIIA ballistic package
- Front-opening design with secure dual closure featuring extra-heavy zipper and Velcro® brand hook and loop
- Construction utilizes dual 1000/500 denier Cordura nylon with urethane/water-repellent coating for durability
- Front and rear 4x10" Velcro® brand loop for ID attachment (smaller sizes may offer reduced attachment area)
- Top-loading rear pocket for 8x10" or 10x12" hard armor plate with internal plate-leveling system (smaller vests may be equipped for smaller plates)
- Side-loading front plate pocket for 8x10" or 10x12" hard armor plate (smaller vests may be equipped for smaller plates)
- Padded spacer mesh on shoulders and rear body side of vest for ventilation and cooling
- Fully adjustable shoulders with communication pass-through
- Adjustable side closures with overlapping Velcro® brand hook and loop
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling
- Expansive MOLLE attachment coverage for pouches and accessories

## COLORS

- Black
- Ranger Green
- Coyote
- MultiCam
- Red
- Dark Navy

# ATLAS | TACTICAL SERIES



**ATLAS T3** | PLATE CARRIER  
SHOWN WITHOUT CUMMERBUND



**ATLAS T5** | EXTENDED COVERAGE  
SHOWN WITH CUMMERBUND

## STANDARD ON ALL ATLAS MODELS

- Available in all Level IIIA ballistic packages
- Construction utilizes dual 1000/500 denier Cordura nylon with urethane/water-repellent coating for durability
- Front and rear 3x9" Velcro® brand loop for ID attachment
- Bottom-loading 10x12" front and rear plate pockets with plate-leveling system (Small accepts 8x10" plates)
- Spacer mesh on body side for ventilation and comfort
- Fully adjustable shoulders with communication pass-through
- MOLLE webbing attachment coverage for pouches and accessories
- Expandable rear drag strap for emergency extraction
- Ballistic suspension for proper panel alignment
- Quick Release System compatible

## COLORS

- Black
  Ranger Green
  Coyote
  MultiCam

## ATLAS ACCESSORIES



Collar & Throat Protector



Bicep Protectors



Groin Protector



Lower Back Protector



## ATLAS T7

**FULL COVERAGE**  
SHOWN WITH CUMMERBUND



## ATLAS T7

**SHOWN WITH**  
ALL ACCESSORIES



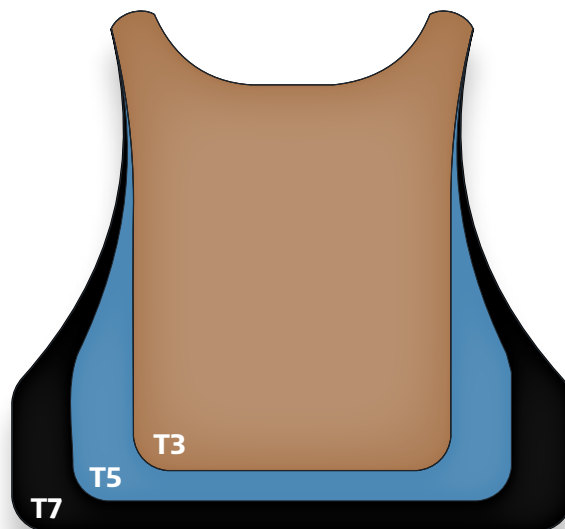
Cummerbund

### ADDITIONAL ACCESSORIES

- Cummerbund ballistic inserts
- Shoulder ballistic inserts
- 6x6" or 6x8" Side Plate Pockets
- Quick Release System

### COVERAGE OPTIONS

The Atlas Tactical Series offers a holistic approach to tactical design. Three platforms offer varying areas of coverage without sacrificing consistency of appearance or interoperability of accessories.



# HRN-PH1 | TACTICAL PLATE HARNESS



- Front and rear 10x12" plate pockets
- Available in Shooter's Cut or Full Cut front configuration
- Available in Standard and Slim design for secure plate insertion
- Durable 1000 denier Cordura nylon with MOLLE attachment system
- Front and rear Velcro® brand loop for accessory attachment
- Front and rear ID's included (Shooter's Cut 3x7" or Full Cut 3x9")
- Rear drag strap for emergency extraction
- Optional padded shoulder attachment with spacer mesh for added comfort and weight distribution
- Optional soft armor plate backers

## COLORS



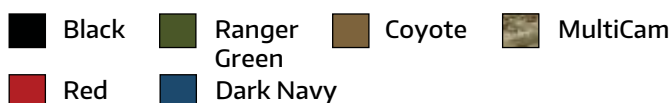
# HRN-PH2 | TACTICAL PLATE HARNESS



SHOWN WITH OPTIONAL  
PADDED SHOULDERS

- Front and rear 10x12" plate pockets
- Available in Shooter's Cut or Full Cut front configuration
- Available in Standard and Slim design for secure plate insertion
- Durable 1000 denier Cordura nylon with MOLLE attachment system
- Included MOLLE cummerbund for supplemental soft armor coverage (panels sold separately) and accessory attachment
- Front and rear Velcro® brand loop for accessory attachment
- Front and rear ID's included (Shooter's Cut 3x7" or Full Cut 3x9")
- Rear drag strap for emergency extraction
- Optional padded shoulder attachment with spacer mesh for added comfort and weight distribution
- Optional cummerbund ballistic inserts
- Optional soft armor plate backers

## COLORS





# ASK | ACTIVE SHOOTER KITS

Active Shooter Kits offer a compact solution for active shooter preparation and response. Easily stored and accessible in a variety of locations - such as vehicles, offices and schools - ASK may be worn over concealable armor for increased protection or stand-alone for high-threat scenarios. Active Shooter Kits are available in both preconfigured and customizable configurations for adaptability to any mission.

## STANDARD CONFIGURATION

- PH1 or PH2 Tactical Plate Harness
- Configured with one or two 10x12" hard armor plates
- Optional Standard Carry Bag [SCB]



## DELUXE CONFIGURATION

- PH1 or PH2 Tactical Plate Harness
- Configured with one or two 10x12" hard armor plates
- Optional Enhanced Carry Bag [ECB]
- Optional Level IIIA PASGT helmet



## CUSTOM CONFIGURATION

Custom ASK configuration components:

- Plate Harness
- Level III, Level IV or Special Threat plates
- Carry Bag
- Ballistic or Riot Helmet
- MOLLE Pouches



# MOLLE POUCHES

MOLLE pouches are available for equipment and accessory load carriage. They are constructed of durable cordura nylon for daily wear and tear. Compatible with standard MOLLE attachment systems.

## COLORS

Black
  Ranger Green
  Coyote
  Dark Navy



SPECIAL THREAT PLATES | LEO H1 & LEO R1

LEO H1 HANDGUN

The LEO H1 series of Special Threat Plates enhances protection through stand-alone handgun, edged weapon and blunt force trauma reduction. The plates are independently tested in accordance with abbreviated NIJ Standard 0101.06 and 0115.00. Constructed of polyethylene with a polyurea cover. The LEO H1 series is made in the USA with a 5-year warranty.

LIGHTWEIGHT, HANDGUN PROTECTION



Available in 5x8", 7x9", 8x10" or 10x12"  
Full Cut or Shooter's Cut

LEO R1 RIFLE

The LEO R1 series of Special Threat Plates enhances protection through stand-alone rifle, handgun, edged weapon and blunt force trauma reduction. The plates are independently tested in accordance with abbreviated NIJ Standard 0101.06 and 0115.00. Constructed of polyethylene and ceramic with a polyurea cover. The LEO R1 series is made in the USA with a 5-year warranty.

LIGHTWEIGHT, RIFLE PROTECTION



Available in 5x8", 7x9", 8x10" or 10x12"  
Full Cut or Shooter's Cut



# RIFLE PLATES | LEVEL III & LEVEL IV

## LEVEL III - 1800 SERIES

Level III rifle plates are available in a variety of shapes and sizes to enhance ballistic protection. Plates vary in weight based on size and thickness, as well as composition and cover material.

NIJ 0101.06 Level III rifle plates are certified against the 7.62 x 51mm M80 @ 2,780 fps +/- 30fps. Some plates are also tested against additional rounds through independent special threat testing.

Size	6x6", 6x8", 8x10", 10x12"
Shape	Full Cut, Shooter's Cut
Curvature	Single-Curve, Multi-Curve
Material	Composite, Composite/Ceramic, Steel
Cover	Polyurea, Cordura, Painted

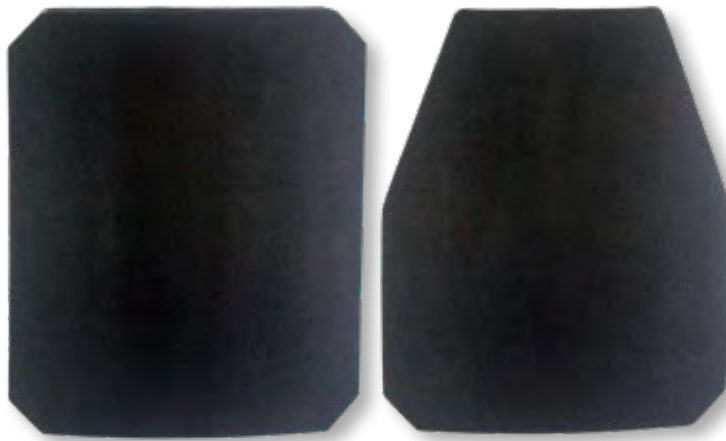


## LEVEL IV - 1900 SERIES

Level IV rifle plates are available in a variety of shapes and sizes to enhance ballistic protection. Plates vary in weight based on size and thickness, as well as composition and cover material.

NIJ 0101.06 Level IV rifle plates are certified against the 30.06 M2 AP @ 2,880 fps +/- 30fps. NIJ 0101.04/2005 IR Level IV rifle plates are certified against the 30.06 AP 166gr @ 2,850 fps. Some plates are also tested against additional rounds through independent special threat testing.

Size	6x6", 6x8", 8x10", 10x12"
Shape	Full Cut, Shooter's Cut
Curvature	Single-Curve, Multi-Curve
Material	Composite, Composite/Ceramic, Ceramic
Cover	Polyurea, Cordura, Painted



# BALLISTIC HELMETS | ACH & PASGT

Ballistic helmets are tested to NIJ Standard-0106.01 for Level IIIA protection against projectiles and blunt force trauma. Made of advance composite materials with various feature options. Available styles include: PASGT Standard, PASGT Deluxe, ACH Standard Cut, ACH Mid-Cut and ACH High-Cut. Optional features include: NVG Shroud, Rails, Bungee System, Helmet Cover, Helmet Carry Bag, Riot Visor and Adjustable Retention Dial.



ACH Standard Cut



ACH Mid-Cut



PASGT



ACH High-Cut



# BALLISTIC SHIELDS | SHB2 & SHB3

## SHB2 LEVEL IIIA

The SHB2 Level IIIA shield is tested to NIJ Standard-0108.01 for handgun protection. Available in Weapons Cut or Full Cut shapes for mission specific adaptability. Made of lightweight composite materials with or without viewport as specified.

Sizes: 18x30", 20x34", 24x36", 24x48"

Handles: Straight bar handle with forearm strap and pad

Interior: Body-facing pouch attachment surface (hook & loop)

Optional: LED light (on/off/pressure), ID decal, Carry bag, Pouch attachment grids



## SHB3 LEVEL III

The SHB3 Level III shield is tested to NIJ Standard-0108.01 for rifle protection. Available in Weapons Cut or Full Cut shapes for mission specific adaptability. Made of lightweight composite materials with or without viewport as specified.

Sizes: 18x24", 18x30", 20x36", 20x48"

Handles: Straight bar handle with forearm strap and pad

Interior: Body-facing pouch attachment surface (hook & loop)

Optional: LED light (on/off/pressure), ID decal, Carry bag, Pouch attachment grids





# RIOT HELMETS | NON-BALLISTIC

Riot helmets provide non-ballistic protection from blunt force trauma, including riot, crowd control and corrections environments. Optional features include: beak seal for protection from hazardous liquids and steel face guard



HR1-RT1



HR1-RT2



HR1-TAC1



HR1-TAC2



HR1-TAC3

# RIOT SHIELDS | NON-BALLISTIC

Riot shields provide non-ballistic protection from blunt force trauma, including riot, crowd control and corrections environments. Dielectric handles provide shock protection. Break away strap included. Available sizes: 20x36", 24x48" and 24" Circular



# NIJ STANDARD-0101.06 | SOFT ARMOR REFERENCE CHART

SHOT AND PANEL VARIANCE		
	NIJ 0101.04	NIJ 0101.06
PANEL SAMPLES REQUIRED	6 (IIA-III A)	28 (IIA-III A) 22 LG & 6 SM
PANEL SIZE	One size required	Two template sizes required
SHOTS/PANEL	6	6
SHOT SPACING	2" minimum	Shots 1-3, 2" minimum, new edge distance; Shots 4-6, 3.94" circle max spread
ANGLES	30 degree (shots 4 or 5)	30 & 45 degree (shots 4 or 5)
EDGE	3" minimum	2" minimum 9mm & .357 SIG
WET TESTING	6 minute spray	30 minute full immersion
BALLISTIC LIMIT TESTING	1st round only 9mm (24 shots)	1st & 2nd rounds (per NIJ type) (120 shots ea.)
BACKFACE REQUIREMENT	2 meas. <44mm	3 meas. <44mm 2nd meas. for all >40mm One outlier permitted
FAILURE MECHANISM	Complete penetration (bullet or fragment)	Perforation of the armor by any portion of the projectile

PROJECTILE AND VELOCITY VARIANCE			
NIJ 0101.04		NIJ 0101.06 (Change)	
Level IIA	Velocity	Level IIA	Velocity
9mm .40 Cal.	1120 ±30 1055 ±30	9mm .40 Cal.	1225 ±30 (+105) 1155 ±30 (+100)
Level II	Velocity	Level II	Velocity
9mm .357 Mag.	1205 ±30 1430 ±30	9mm .357 Mag.	1305 ±30 (+100) 1430 ±30 (NC)
Level IIIA	Velocity	Level IIIA	Velocity
9mm .44 Mag.	1430 ±30 1430 ±30	.357 SIG .44 Mag.	1470 ±30 (Round) 1430 ±30 (NC)
ENVIRONMENTAL CONDITIONING			
<ul style="list-style-type: none"> <li>• Rotary tumbler at 149° F and 80% relative humidity</li> <li>• One batch of 8 panels (6 LG and 2 SM)</li> <li>• 72,000 (±1500) cycles at 5 (±1) RPM= &gt; 10 days</li> <li>• Tested against both threats and reduced velocity</li> </ul>			
Type	Round	Conditioned Armor Test Velocity (ft/s)	
IIA	9mm (-60 ft/s) .40 Cal. (-90 ft/s)	1165 1065	
II	9mm (-90 ft/s) .357 Mag. (-90 ft/s)	1215 1340	
IIIA	.357 SIG (-60 ft/s) .44 Mag. (-90 ft/s)	1410 1340	



**READY IS THE ONLY OPTION.**

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