



GH ARMOR

2024 PRODUCT CATALOG

CONTENTS

NIJ STANDARDS & DESIGN

• NIJ Standards 0101.06 & 0115.00.....

• Male & Female Vest Design.....

• Tiered Solutions.....

345

SOFT ARMOR

• Ethos.....

• HeliX.....

• ProX.....

• TalonX.....

• Talon.....

66666

CARRIERS

• Low Profile Concealable Carrier [LPC].....

• Low Visibility Concealable Carrier [LVC].....

• Tactical Response Gen-X Carrier MOLLE [TRX.M].....

• Tactical Response Gen-X Carrier Laser-Cut MOLLE [TRX.L].....

• Tactical Cummerbund Gen-X Carrier MOLLE [TCX.M].....

• Tactical Cummerbund Gen-X Carrier Laser-Cut MOLLE [TCX.L].....

• Tactical Cummerbund Gen-X Carrier MOLLE Tubes [TCX.MT].....

• Tactical Cummerbund Gen-X Carrier Laser-Cut MOLLE Tubes [TCX.LT].....

• Uniform Shirt Carrier [USC].....

• Uniform Shirt Carrier Laser-Cut MOLLE [USC.L].....

• Uniform Shirt Carrier MOLLE [USC.M].....

• Clean Front Carrier [CFC].....

• Tactical Outer Carrier Fixed Pockets [TOC.F].....

• APB Carrier MOLLE [APB.M].....

• APB Carrier Laser-Cut MOLLE [APB.L].....

• APB Carrier Uniform [APB.U].....

• APB Carrier Uniform MOLLE [APB.UM].....

• APB Carrier Uniform Laser-Cut MOLLE [APB.UL].....

91011111212131314141515151616161616

TACTICAL

• PH4 First Responder [PH4.FR].....

• PH4 First Responder MOLLE [PH4.FRM].....

• PH4 Tactical Carrier MOLLE [PH4.M].....

• PHB Plate Harness.....

• PHC Plate Harness Cummerbund.....

• Atlas Tactical Series T3/T5/T7.....

• MOLLE Pouches.....

19202021212224

HARD ARMOR

• Special Threat Plates & Rifle Plates.....

• Ballistic Shields.....

• Ballistic Helmets.....









262727



GH Armor 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

SOFT ARMOR

CARRIERS

TACTICAL

HARD ARMOR

WE ARE GH ARMOR

GH Armor Systems Inc. is a leading provider of high-performance protective solutions to the military, federal, and law enforcement communities. With more than 40 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 products are precision engineered to meet the highest industry standards for quality, reliability, and safety. Visit us online at www.gharmor.com for additional information and resources including Online Sizing Tools, BVP Application Support, Product Registration, and more.

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 design engineers have created male and female models 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 team members.

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 identified the key 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 Ethos and HeliX series.



TIERED SOLUTIONS

PREMIUM



- Premium lightweight solution
- Unparalleled maneuverability
- Special threat tested
- Available in Levels II & IIIA

VERSATILITY



- Versatile protection and flexibility
- Optimized for softness and comfort
- 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 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

SOFT ARMOR



PREMIUM LIGHTWEIGHT SOLUTION FOR MAXIMUM MANEUVERABILITY.

- Hybrid designs featuring SAATI, Gold Shield®, and Dyneema®
- Available in male, non-structured, and structured female designs
- Available in Level II and Level IIIA



VERSATILE PROTECTION OPTIMIZED FOR SOFTNESS AND COMFORT.

- Hybrid designs featuring Duraflex®, Spectra Shield®, Kevlar®, and Goldshield®
- Available in male, non-structured, and structured female designs
- Available in Level II and Level IIIA



COMPLETE PROTECTION WITH AN EMPHASIS ON VALUE.

- Featuring Kevlar® material
- Available in male and non-structured female designs
- Available in Level II and Level IIIA



ADVANCED PROTECTION AGAINST MULTIPLE THREATS.

- Hybrid design featuring Kevlar® Correctional™
- Dual-threat certified for ballistic and spike protection
- Available in male and non-structured female designs
- Available in Level II/2



YOUR STOP FOR SPIKE PROTECTION.

- Featuring Kevlar® Correctional™ material
- Available in male and non-structured female designs
- Available in Level 1, 2, and 3

MISSION OBJECTIVE: Wearability

Weight is not the only determinant of a comfortable vest. GH Armor 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.

INDUSTRY PARTNERS

Our long-standing partnerships within the armor industry allow us to continually optimize our protective solutions. Together we are able to provide a comprehensive portfolio of precision engineered products.



SPECIAL THREAT TESTING

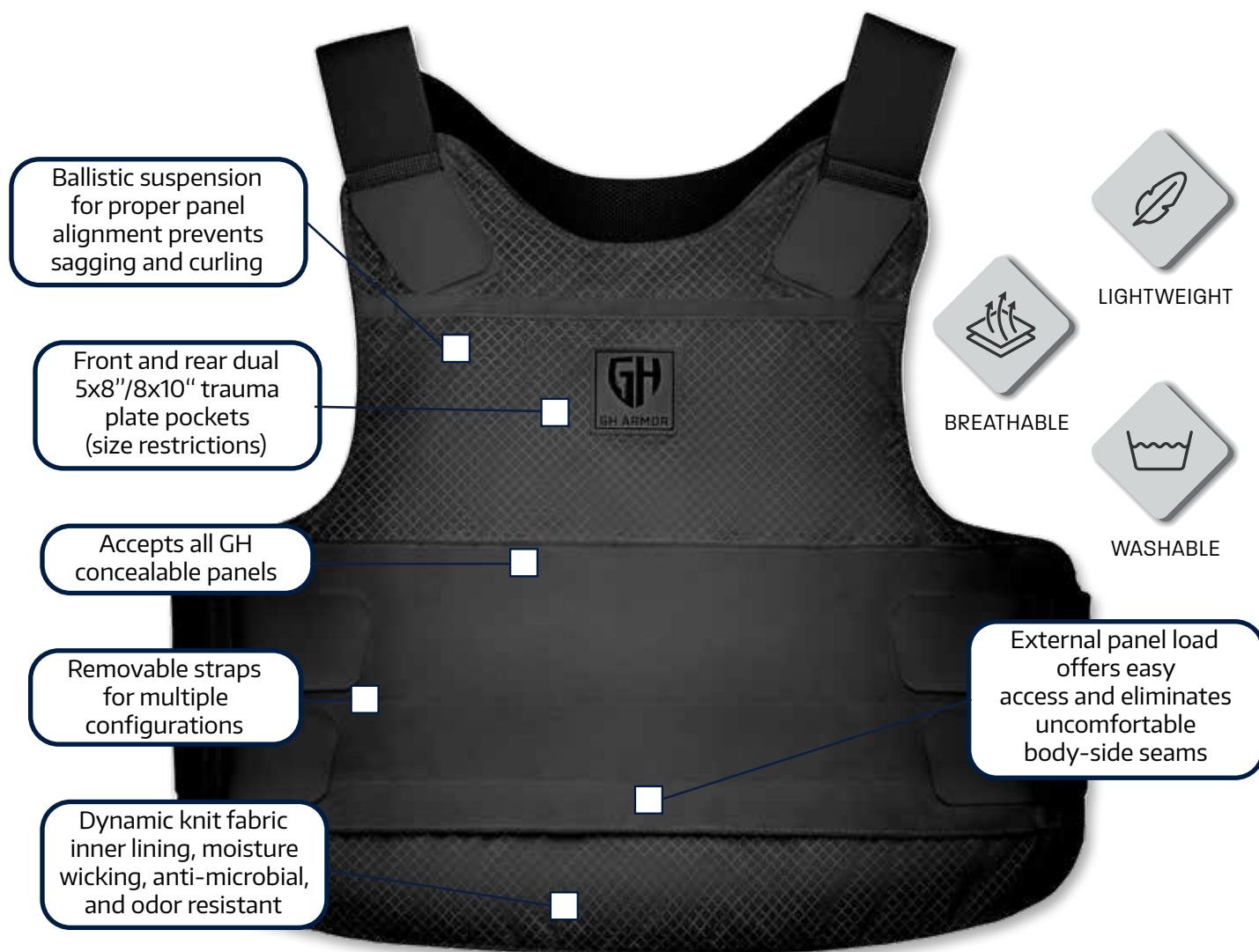
Special Threat Testing is available for select models and performed at NIJ-certified independent test facilities. NIJ test protocol certifies models to specific performance standards, while special threat testing uses the same facilities and conditions to test popular rounds specific to regional threats.



CARRIERS



LPC | LOW PROFILE CONCEALABLE



FEATURES

- Accepts GH concealable panels
- Nylon diamond ripstop, sleek and durable dynamic knit fabric inner lining, moisture wicking, anti-microbial, and odor resistant
- Front and rear plate pockets accept 5x8"/8x10" plates (size restrictions apply)
- Removable strap kit for multiple configurations
- Full width 6" front and rear loop for optimal adjustability
- External panel load offers easy access and eliminates uncomfortable body-side seams
- Panel suspension for proper alignment prevents sagging and curling
- Optional front and rear shirt tails for secure vest alignment

CARRIER COLOR OPTIONS: LPC

Black Dark Navy Tan White



REAR VIEW

LVC | LOW VISIBILITY CONCEALABLE

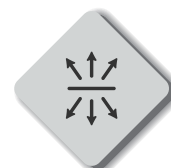
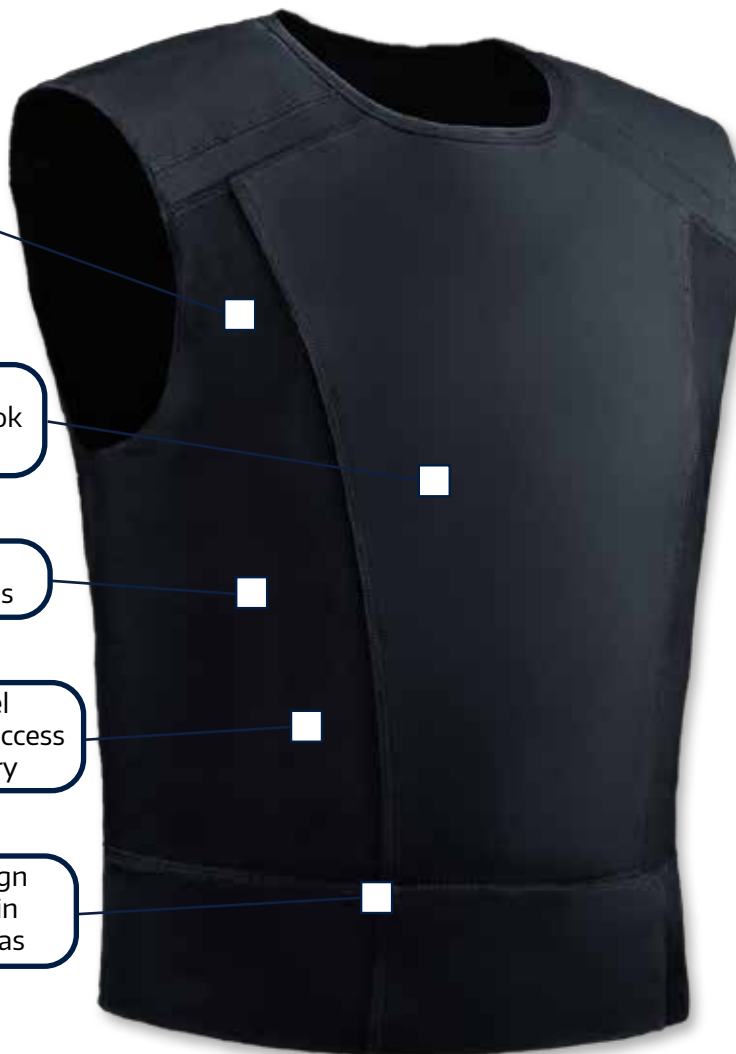
4-way stretch and lightweight compression for comfortable all-day use

One-piece carrier with no zippers or hook and loop closures

Accepts all GH concealable panels

Internal panel load offers easy access with side entry

Ergonomic design locates seams in low-friction areas



STRETCHABLE



LIGHTWEIGHT



WASHABLE



BREATHABLE

FEATURES

- Accepts GH concealable panels
- Engineered as a pull-over one-piece carrier with no zippers or hook and loop
- 4-way stretch material for maximum mobility
- Water resistant with anti-bacterial and odor control
- Ergonomic design locates seams in low-friction areas
- Lightweight compression for comfortable all day use
- Internal panel load offers easy access with side entry
- Durable spacer mesh liner

CARRIER COLOR OPTIONS: LVC



Black



White



REAR VIEW

TRX.M | TACTICAL RESPONSE GEN-X MOLLE

- Accepts GH concealable panels
- External tactical carrier with MOLLE on front, rear, and cummerbund
- Durable 500 Cordura Nylon outer materials
- Dual discrete chest pockets and dual discrete lower pockets for added storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Front 3x10" MOLLE loop and rear 3x10" loop for ID attachment (IDs sold separately)
- Front internal, bottom-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear external, top-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear telescoping drag strap for emergency extraction
- Overlapping shoulder closures and mic tab at center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



CARRIER COLOR OPTIONS: TRX

Black
Dark Navy
Ranger Green
Tactical Green
Coyote
Tan 499
Wolf Gray

TRX.L | TACTICAL RESPONSE GEN-X LASER-CUT MOLLE

- Accepts GH concealable panels
- External tactical carrier with laser-cut MOLLE on front, rear, and cummerbund
- Durable 500 Cordura Nylon outer materials
- Dual discrete chest pockets and dual discrete lower pockets for added storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Front 3x10" MOLLE loop and rear 3x10" loop for ID attachment (IDs sold separately)
- Front internal, bottom-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear external, top-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear telescoping drag strap for emergency extraction
- Overlapping shoulder closures and mic tab at center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



TCX.M | TACTICAL CUMMERBUND GEN-X

MOLLE

- Accepts GH concealable panels
- External tactical carrier with MOLLE on front, rear and cummerbund
- External 360° adjustable cummerbund that accepts optional soft armor inserts
- Durable 500 Cordura Nylon outer materials
- Dual discrete chest pockets and dual discrete lower pockets for added storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Front 3x10" MOLLE loop and rear 3x10" loop for ID attachment (IDs sold separately)
- Front internal, bottom-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear external, top-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear telescoping drag strap for emergency extraction
- Overlapping shoulder closures and mic tab at center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



CARRIER COLOR OPTIONS: TCX

Black
Dark Navy
Ranger Green
Tactical Green
Coyote
Tan 499
Wolf Gray

TCX.L | TACTICAL CUMMERBUND GEN-X

LASER-CUT MOLLE

- Accepts GH concealable panels
- External tactical carrier with laser-cut MOLLE on front, rear, and cummerbund
- External 360° adjustable cummerbund that accepts optional soft armor inserts
- Durable 500 Cordura Nylon outer materials
- Dual discrete chest pockets and dual discrete lower pockets for added storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Front 3x10" MOLLE loop and rear 3x10" loop for ID attachment (IDs sold separately)
- Front internal, bottom-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear external, top-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear telescoping drag strap for emergency extraction
- Overlapping shoulder closures and mic tab at center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



- Accepts GH concealable panels
- External tactical carrier with MOLLE on front, rear, and cummerbund
- External 360° adjustable cummerbund with FirstSpear Tubes® closure, accepts optional soft armor inserts
- Durable 500 Cordura Nylon outer materials
- Dual discrete chest pockets and dual discrete lower pockets for added storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Front 3x10" MOLLE loop and rear 3x10" loop for ID attachment (IDs sold separately)
- Front internal, bottom-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear external, top-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear telescoping drag strap for emergency extraction
- Overlapping shoulder closures and mic tab at center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



CARRIER COLOR OPTIONS: TCX

Black
Dark Navy
Ranger Green
Tactical Green
Coyote
Tan 499
Wolf Gray

- Accepts GH concealable panels
- External tactical carrier with laser-cut MOLLE on front, rear, and cummerbund
- External 360° adjustable cummerbund with FirstSpear Tubes® closure, accepts optional soft armor inserts
- Durable 500 Cordura Nylon outer materials
- Dual discrete chest pockets and dual discrete lower pockets for added storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Front 3x10" MOLLE loop and rear 3x10" loop for ID attachment (IDs sold separately)
- Front internal, bottom-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear external, top-loading plate pockets accept 5x8", 7x9", 8x10" and 10x12" special threat and hard armor plates (size restrictions apply)
- Rear telescoping drag strap for emergency extraction
- Overlapping shoulder closures and mic tab at center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling




USC | UNIFORM SHIRT

- Accepts GH concealable panels
- External carrier with professional, non-tactical appearance
- Functional dress pockets with two internal compartments for storage
- Optional lower discrete utility pockets for added storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Triple laser-cut tabs on center placket for versatile body camera attachment
- Mic tabs at shoulders
- Durable, high-quality nylon Cordura outer material
- Overlapping shoulder and side closures offer extra adjustability utilizing durable high-profile hook and loop
- Front and rear internal 5x8" and 8x10" trauma plate pockets (size restrictions apply)
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



CARRIER COLOR OPTIONS: USC

-  Black
-  Dark Navy
-  Tan 499
-  Wolf Gray
-  White
-  Brown

USC.L | UNIFORM SHIRT LASER-CUT MOLLE

- Accepts GH concealable panels
- External carrier blends professional appearance with laser-cut MOLLE webbing functionality
- Functional dress pockets with two internal compartments for storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Triple laser-cut tabs on center placket for versatile body camera attachment
- Mic tabs at shoulders
- Durable, high-quality nylon Cordura outer material
- Overlapping shoulder and side closures offer extra adjustability utilizing durable high-profile hook and loop
- Front and rear internal 5x8" and 8x10" trauma plate pockets (size restrictions apply)
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



- Accepts GH concealable panels
- External carrier blends professional appearance with MOLLE webbing functionality
- Functional dress pockets with two internal compartments for storage
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Triple laser-cut tabs on center placket for versatile body camera attachment
- Mic tabs at shoulders
- Durable, high-quality nylon Cordura outer material
- Overlapping shoulder and side closures offer extra adjustability utilizing durable high-profile hook and loop
- Front and rear internal 5x8" and 8x10" trauma plate pockets (size restrictions apply)
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



CARRIER COLOR OPTIONS: CFC & TOC.F

Black
Dark Navy
Ranger Green
Tactical Green
Coyote
Tan 499
Wolf Gray

CFC

CLEAN FRONT

- Accepts GH concealable panels
- Clean design with plate and external pockets
- Center chest pocket and two large side-accessible pockets with zipper closures
- Durable, high-quality nylon Cordura outer material
- Front and rear top-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Overlapping shoulder and back-to-front side closures utilizing durable high-profile hook and loop
- Front and rear 3x10" loop for ID attachment (IDs sold separately)
- Mic tabs at shoulders and center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling



TOC.F

TACTICAL OUTER FIXED POCKETS

- Accepts GH concealable panels
- External tactical carrier with fixed pockets
- Features baton/flashlight, utility, triple mag, and universal radio pockets
- Durable high-quality Cordura nylon outer material
- Front and rear top-loading plate pockets accept 5x8", 7x9", 8x10", and 10x12" special threat and hard armor plates (size restrictions apply)
- Overlapping shoulder and back-to-front side closures utilizing durable high-profile hook and loop
- Front and rear 3x10" loop for ID attachment (IDs sold separately)
- Mic tabs at shoulders and center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling





APB | STANDARD FEATURES

- Accepts GH concealable panels
- Front-opening professional design with dual discrete chest pockets
- Optional horizontal and vertical badge grommets on wearer's left chest
- Optional 3x3" or shield shape loop for badge attachment on wearer's left chest
- Optional 1" loop for name tape on wearer's right chest
- Durable high-quality Cordura nylon outer material
- Overlapping shoulder and side closures for extra adjustability utilizing durable high-profile hook and loop
- 5x8" front trauma plate pocket (size restrictions apply)
- 8x10" and 10x12" front and rear rifle plate pockets (size restrictions apply)
- Rear 3x10" loop for ID attachment (IDs sold separately)
- Rear telescoping drag strap for emergency extraction
- Mic tabs at shoulder epaulets and center chest
- Internal cummerbund for secure fit
- Easy and secure body-side panel access
- Ballistic suspension for proper panel alignment prevents sagging and curling

APB.M APB MOLLE

Features MOLLE webbing across front of the carrier



CARRIER COLOR OPTIONS: APB

 Black	 Coyote
 Dark Navy	 Tan 499
 Ranger Green	 Wolf Gray
 Tactical Green	 Brown



APB.L

APB LASER-CUT MOLLE

Features laser-cut MOLLE across front of the carrier



APB.UL

APB UNIFORM LASER-CUT MOLLE

Features laser-cut MOLLE across front of the carrier and two functional dress pockets



APB.U

APB UNIFORM

Features two functional dress pockets and two lower discrete utility pockets

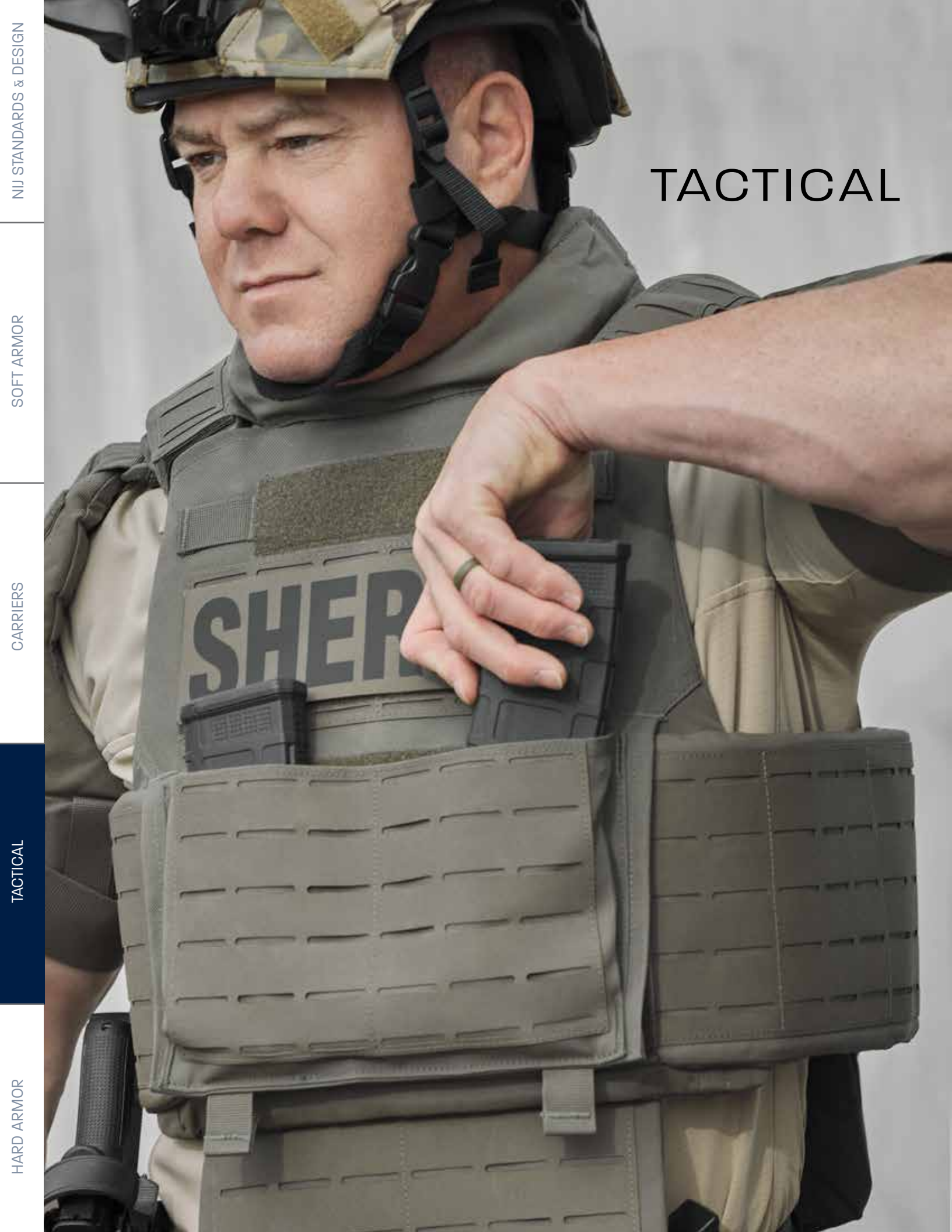


APB.UM

APB UNIFORM MOLLE

Features MOLLE webbing across front of the carrier and two functional dress pockets





TACTICAL

NIJ STANDARDS & DESIGN

SOFT ARMOR

CARRIERS

TACTICAL

HARD ARMOR

PH4.FR | PH4 FIRST RESPONDER



FEATURES

- Available in Ballistic, Spike, and Multi-Threat soft armor packages
- Top-loading front and rear 10x12" plate pockets
- 1000 denier Cordura nylon with urethane/ water-repellent coating for durability
- Features 360 degrees of 3" reflective taping and rear drag strap for emergency extraction
- Cummerbund is completely adjustable to fit a wider range of sizes (accepts optional soft armor panels)
- Front and rear 4x11" loop for ID attachment (IDs sold separately)
- Padded shoulders for added comfort and weight distribution
- Large front utility pocket and dual mic tabs below shoulders
- One-size-fits all design with two carrier length options and three cummerbund length options



REAR VIEW

CARRIER COLOR OPTIONS: PH4.FR

- | | | | |
|-------|--------------|------------|---------|
| Black | Ranger Green | Coyote | Tan 499 |
| Red | Dark Navy | Royal Blue | |

REFLECTIVE COLOR OPTIONS

- | |
|------------------|
| Yellow (default) |
| Orange |

PH4.FRM | FIRST RESPONDER TACTICAL CARRIER MOLLE



The Premium Carry Bag [PCB] is equipped to hold a PH4 carrier, panels/plates, and ballistic helmet.

- Available in Ballistic, Spike, and Multi-Threat soft armor packages
- Top-loading front and rear 10x12" plate pockets
- Construction utilizes 1000 denier Cordura nylon with urethane/ water-repellent coating for durability
- Features 360 degrees of MOLLE attachment system and 2" reflective taping
- MOLLE cummerbund is completely adjustable to fit a wider range of sizes (accepts optional soft armor panels)
- Front and rear 4x11" loop for ID attachment (IDs sold separately)
- Rear drag strap for emergency extraction
- Padded shoulders for added comfort and weight distribution
- Dual mic tabs below shoulders and 2" reflective taping added for extra visibility
- One-size-fits all design with two carrier length options and three cummerbund length options

CARRIER COLOR OPTIONS: PH4.FRM

- | | | | |
|-------|--------------|------------|---------|
| Black | Ranger Green | Coyote | Tan 499 |
| Red | Dark Navy | Royal Blue | |

REFLECTIVE COLOR OPTIONS

- | |
|------------------|
| Yellow (default) |
| Orange |

PH4.M | TACTICAL CARRIER MOLLE

Available as PH4 with no MOLLE attachment system as pictured below



- Available in Ballistic, Spike, and Multi-Threat soft armor packages
- Top-loading front and rear 10x12" plate pockets
- Construction utilizes 1000 denier Cordura nylon with urethane/ water-repellent coating for durability
- Features 360 degrees of MOLLE attachment system
- MOLLE cummerbund is completely adjustable to fit a wider range of sizes (accepts optional soft armor panels)
- Front and rear 4x11" loop for ID attachment (IDs sold separately)
- Rear drag strap for emergency extraction
- Padded shoulders for added comfort and weight distribution
- Dual mic tabs below shoulders
- One-size-fits all design with two carrier length options and three cummerbund length options

CARRIER COLOR OPTIONS: PH4.M & PH4

- | | | | |
|-------|--------------|------------|---------|
| Black | Ranger Green | Coyote | Tan 499 |
| Red | Dark Navy | Royal Blue | |



PHB

PLATE HARNESS MOLLE

- Tactical plate harness with MOLLE attachment system
- Available in sizes 8x10" or 10x12"
- Front and rear bottom-load plate pockets
- Durable high-quality Cordura nylon material
- Adjustable low-profile buckle closure system
- Front and rear hook and loop areas compatible with ID sizes up to 4x10"
- Fully adjustable shoulder straps with dual D rings for accessory attachment
- Rear drag strap for emergency extraction









PHC

PLATE HARNESS CUMMERBUND MOLLE OR LASER-CUT MOLLE

- Tactical plate harness with cummerbund closure
- Available in MOLLE or laser-cut MOLLE
- Available in sizes MD, LG, XL, and 2XL
- Front and rear internal bottom-load plate pockets accommodate 10x12" rifle plates
- Durable high-quality Cordura nylon material
- Front and rear hook and loop areas compatible with ID sizes up to 4x11"
- Equipped with a low-profile buckle closure system as alternative to standard cummerbund closure
- Cummerbund features drawstring girth adjustment system
- Front cummerbund closure available in dual-flap or single-flap systems
- Fully adjustable shoulder straps with dual D rings for accessory attachment
- Rear drag strap for emergency extraction



CARRIER COLOR OPTIONS: PHB & PHC

 Black	 Ranger Green	 Tan 499
 Dark Navy	 Tactical Green	 MultiCam

ATLAS | TACTICAL SERIES



Atlas T5 Extended Coverage
with laser-cut MOLLE and
FirstSpear Tubes®
cummerbund closure

COVERAGE OPTIONS

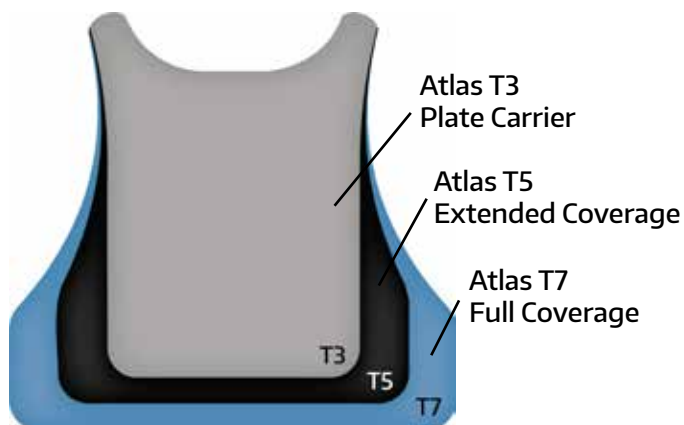
Atlas Tactical Series is designed for operators that require lightweight protective coverage and high-speed mobility. Engineered as a scalable ballistic platform with optional quick release functionality and a range of accessories that are compatible with all Atlas series vests. The Atlas Tactical Series offers a holistic approach to tactical design. Three platforms offer varying areas of coverage without sacrificing consistency of appearance or interoperability of accessories.



Rear View



STANDARD ON ALL ATLAS MODELS



- Available in Level IIIA ballistic packages
- Construction utilizes dual 1000/500 denier Cordura nylon with urethane/water-repellent coating for durability
- Accepts IDs on front and rear 3x9" loop (IDs sold separately)
- 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
- Optional laser-cut MOLLE
- Optional FirstSpear Tubes® cummerbund closure








CARRIER COLOR OPTIONS: ATLAS

	Black		Ranger Green		Coyote
	MultiCam		Wolf Gray		Tan 499

MOLLE POUCHES

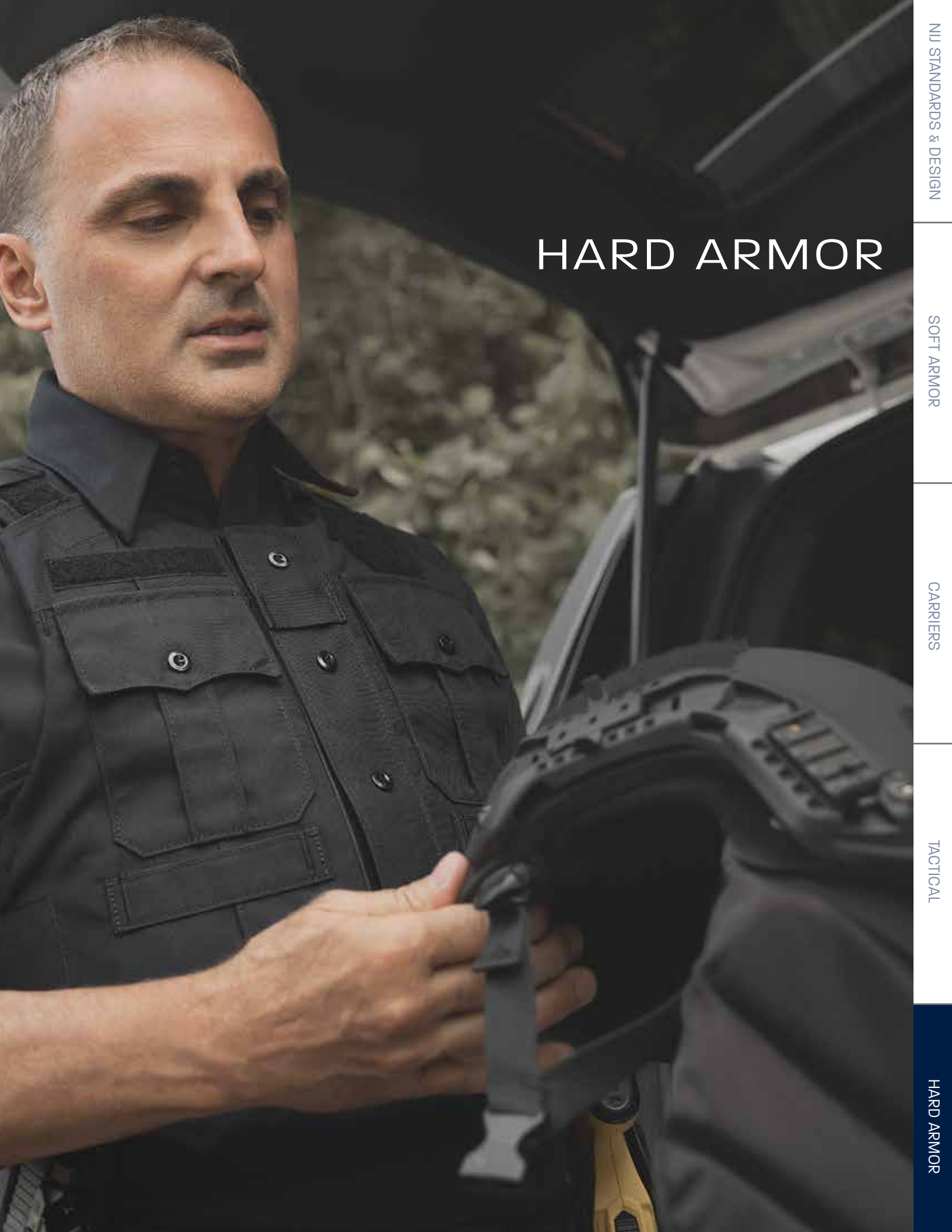
MOLLE pouches are available for equipment and accessory load carriage. They are constructed of durable Cordura nylon for daily wear and tear. Compatible with standard MOLLE and laser-cut MOLLE.

POUCH COLOR OPTIONS

- | | | |
|---|--|---|
|  Black |  Ranger Green |  Coyote |
|  MultiCam |  Dark Navy |  Tan 499 |
|  Wolf Gray | | |



HARD ARMOR



PLATES | STAND-ALONE & ICW

SPECIAL THREAT PLATES - LEO

The LEO H2 and M2 Special Threat plates are independently tested in accordance with abbreviated NIJ Standard 0101.06 and 0115.00. Multi-hit capable with polyethylene construction and diamond rip-stop nylon cover. Features a 5-year warranty and Made in the USA.

The LEO H2 [Handgun] series provides protection against enhanced handgun threats with stand-alone performance.

The LEO M2 [Multi-threat] series provides protection against enhanced ballistic, spike and edged-weapon threats with stand-alone performance.

The LEO R3 ICW Special Threat plates are independently tested in accordance with abbreviated NIJ Standard 0101.06. Plates are tested in conjunction with the following ballistic series Ethos and HeliX. Constructed of polyethylene and ceramic with a cordura cover. Features a 5-year warranty and Made in the USA.

The LEO R3 [ICW] series provides protection against enhanced rifle and handgun threats.



Available in 5x7", 5X8", 7X9", 8x10", or 10x12"
Full Cut or Shooter's Cut



Available in 5x8", 6x6", 7X9", 8x10", or 10x12"
Full Cut or Shooter's Cut

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.

Available in 6x6", 8x10", or 10x12". Full Cut or Shooter's Cut. Single-Curve or Multi-Curve. Material compositions include Alloy, Composite, Ceramic, Glass, and/or Polyethylene. Cover materials include Nylon, Polyurea and/or Cordura.



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.

Available in 6x6", 8x10", or 10x12". Full Cut or Shooter's Cut. Single-Curve or Multi-Curve. Material compositions include Composite, Ceramic, Glass, and/or Polyethylene. Cover materials include Nylon, Polyurea and/or Cordura.



SHIELDS | BALLISTIC

BALLISTIC SHIELDS - LEVEL IIIA AND LEVEL III

The SHB4 Level IIIA (handgun), SHB5 Level III (rifle), and SHB6 Level III (rifle) ballistic shields are tested to NIJ Standard-0108.01. Made of lightweight polyethylene composite with a 5-year ballistic warranty, 1-year cover warranty and limited lifetime light warranty. Available in Weapons Cut or Full Cut shapes for mission specific adaptability.

The **SHB4 Level IIIA** ballistic shield is equipped with the following features: viewport, forearm pad, horizontal or tri-grip handle, dual rake bars and ID decal. Available in 18x30", 20x34", 24x36", or 24x48". Optional accessories include: LED light or carry bag.

The **SHB5 Level III** ballistic shield is equipped with the following features: viewport, forearm pad, and horizontal handle. Available in 16x30" and 20x36". Optional accessories include: LED light, carry bag or shoulder strap.

The **SHB6 Level III** light weight ballistic shield is equipped with the following features: viewport, forearm pad, forearm strap, horizontal or tri-grip handle, and ID decal. Available in 16x30" and 20x36". Optional accessories include: LED light, carry bag or shoulder strap.



SHB4 Level IIIA
Weapons Cut 24x36"



SHB5 Level III
20x36"



SHB6 Level III
20x36"

BALLISTIC HELMETS | ACH

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: ACH Full-Cut, ACH Mid-Cut, and ACH High-Cut. Optional features include: ratchet retention suspension, rails, NVG shroud, nape curtain, standard helmet carry bag, deluxe helmet carry bag, helmet cover, ballistic visors, and non-ballistic visors.

HELMET COLORS OPTIONS

Black

Coyote

Ranger Green

Tactical Green



ACH
Full-Cut
with Rails,
NVG Shroud
and Ratchet
Retention



NIJ STANDARD-0101.06 | SOFT ARMOR REFERENCE CHART

SHOT AND PANEL VARIANCE

	NIJ 0101.04	NIJ 0101.06
	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 degrees (shots 4 or 5)	30 & 45 degrees (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 (ft/s)	Level IIA	Velocity (ft/s)
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

- Rotary tumbler at 149° F and 80% relative humidity
- One batch of 8 panels (6 LG and 2 SM)
- 72,000 (±1500) cycles at 5 (±1) RPM for 10 days
- Tested against both threats and reduced velocity

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



13386 International Parkway, Unit 2
Jacksonville, Florida 32218
Phone 866-920-5940 | Fax 866-920-5941
www.gharmor.com