



# ARMOR EXPRESS

SERVING LAW ENFORCEMENT, FEDERAL, MILITARY, AND FIRE/EMS

2020 PRODUCT CATALOG





# BRINGING OUR PROTECTORS HOME




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**ARMOR EXPRESS**

# **ONE COMPANY ONE MISSION**

## **OUR MISSION ▼**

To save lives by designing, manufacturing and integrating the most superior quality body armor solutions with unparalleled protection and functionality, along with an unwavering commitment to exceed customer requirements.

## **OUR VISION ▼**

Making Armor Express synonymous with safety by developing the most advanced protective solutions the industry has ever seen.

**WE WILL ALWAYS BE A CUSTOMER-FOCUSED ORGANIZATION,  
PUTTING YOUR NEEDS ABOVE OUR OWN.**



## **A LETTER TO OUR CUSTOMERS ▼**

As we look back at the many accomplishments achieved in 2019, the one most gratifying is the number of saves we had as an organization. That is what drives every employee of Armor Express – knowing that all of our work, and that of our trusted partners, results in life-saving solutions that bring our protectors home safe.

We made substantive changes throughout the year and invested vigorously in our manufacturing facilities, research and development, IT systems, and in our people. Those investments, coupled with our unwavering commitment to advance technology and enhance our offering, resulted in significant momentum across all markets served by both Armor Express and KDH Defense Systems. Today, we proudly provide armor solutions to all branches of the U.S. Armed Forces, and many of the largest and most prestigious Federal Law Enforcement agencies. We also expanded our footprint in the Domestic Law Enforcement market and internationally; and that remains a key focus as we enter 2020.

Our success could not have been achieved without the support of our distribution, supply chain and technology partners, and we sincerely thank everyone that played a role in helping us accomplish our mission – saving lives. Together, we will do even greater things in the years ahead.

2020 officially marks a new beginning for us as Armor Express and KDH Defense Systems have legally merged, while retaining our Small Business status. We have been moving towards this since the transaction was announced and now, Armor Express is our official corporate name. KDH however, will not go away. With its deep roots and long history serving the Military/Defense and both Federal and Domestic law enforcement markets, KDH will remain a key brand. Further, we will continue to leverage the manufacturing, R&D and program management expertise that KDH is known for.

Our focus this year can be summed up in four words: safety, quality, innovation, and performance. In line with this, one of our key priorities is to improve our speed-to-market and we are confident that our continued investments will result in industry-leading delivery times for our customers. This is paramount to our joint success and we have some exciting developments underway which will increase our manufacturing capacity even further.

Thank you for your ongoing support and for the trust you continue to place in us. 2020 will be a banner year for us all and we stand ready to deliver for you!

Jim Henderson

Chief Executive Officer

## OPERATIONAL EXCELLENCE ▼

By leveraging our two state-of-the-art manufacturing facilities in Eden, NC and Central Lake, MI, coupled with our network of manufacturing partners, we possess the scale to meet all contractual requirements for our customers. But our goal is not just to meet this demand; rather, we strive to exceed it. That is why we have invested so vigorously in Lean training for our personnel and upgraded machinery and equipment throughout our factories.



Our goal in 2019 was to leverage the large-scale production capabilities of our Eden location to produce all Military and DoD contracts, as well as large volume Federal and Domestic law enforcement and International awards. In Central Lake, we altered course, streamlining production to focus on ballistics, midsize to smaller orders, and set up lines for all Wear Tests and Returns. This strategy enabled us to scale quickly and meet surge requirements for our customers.

But operational excellence is not just about manufacturing – it touches the complete lifecycle from the time an order is received through delivery. In 2020, we will continue down this path, while centralizing key functions to improve our speed-to-market. At the heart of this transformation will be continued investments in information technology platforms, the implementation of best-practices, and additional manufacturing capacity in anticipation of continued growth.

**BODY ARMOR IS ABOUT SAVING LIVES AND WE ARE COMMITTED TO DELIVERING PRODUCTS AND SERVING OUR CUSTOMERS BETTER THAN ANYONE ELSE IN THE INDUSTRY!**

## MANUFACTURING THE MOST INNOVATIVE CARRIERS FOR ALL MISSIONS ▼

Research and development are at the forefront of everything we do. Building the best carriers requires dedication, know-how, equipment and technology, materials, and a team all sharing the same mission – **SAVING LIVES**.

At our R&D Design Centers in Central Lake, MI and Eden, NC, the Carrier Design teams possess decades of manufacturing, operations and design experience. Our personnel leverage their knowledge of materials and technical applications to developed some of the most advanced lines of concealable, overt, plate, and tactical carrier solutions in the industry.

We are constantly changing for the better, with a focus on creating new products or enhancing existing ones. First, making these best-in-class solutions requires ongoing engagement with our customers and distribution partners about real-world experiences, and to better understand market needs, the pain points and any gaps in systems today. It is this engagement that drives innovation and ensures the wearability, comfort and safety of our carriers.

From conceptualization to prototypes to final solutions – we constantly adapt and incorporate the latest technologies and materials. From the latest cutting-edge sewing, fabricating and heat application technologies, to the lightest weight and highest-performing nylon and ballistic materials, we take everything into account before bringing a carrier to market. Every stitch matters and being detail-focused is an important element to deliver the highest product quality levels our customers demand and expect.



The appearance of U.S. Department of Defense, the U.S. Department of Homeland Security, and U.S. Department of Justice visual information systems does not imply or constitute DOD, DHS, or DOJ Endorsement



## PRODUCING LIFE-SAVING BALLISTIC TECHNOLOGY ▼

Driving innovation never stops and when you're manufacturing products designed to save lives, the commitment to safety must be at the forefront...always. That is why we work so closely with our supply chain partners, ensuring we have access to the most advanced materials throughout the industry, and the know-how to develop packages that always exceed the required standards.

Thousands of U.S. Armed Forces members, domestic and Federal officers, and First Responders nationwide rely on our solutions to support their mission-critical requirements. Our customers must perform at the most optimal level, whether at home or abroad, and rest easy knowing their armor will perform as it was designed to. In Central Lake, we house our Ballistic Research Laboratory (BRL). It is here where we test thousands of rounds of ammunition and go above and beyond the standard NIJ threats with our own **special threat protocol for both Level II and IIIA armor**. We are constantly testing new materials which result in lighter packages, more flexible designs and increased protection for end-users. This knowledge is shared with our Eden team which also performs similar ballistic testing, whether for NIJ, FBI, or DEA protocols, in addition to all DoD ballistic requirements.

With new NIJ standards on the horizon (NIJ .06 to NIJ .07), collaboration within and throughout the industry has never been greater. We are well-positioned to drive innovation and bring to market new solutions unlike anything the industry has seen.

## TESTING STANDARDS ▼

### NIJ TESTING

NIJ Testing for an NIJ 0101.06 Certified Level IIA, II, IIIA, III, or IV armor. Quad Compliance must be certified to IIIA level.



THREAT LEVEL	BULLET CALIBER AND TYPE	BULLET WT. (GRAINS)	NEW ARMOR VELOCITY (FT/S)	CONDITIONED ARMOR (FT/S)
IIA	9mm FMJ RN	124	1,225	1,165
	.40 S&W FMJ FN	180	1,155	1,065
II	9mm FMJ RN	124	1,305	1,245
	.357 Mag JSP	158	1,430	1,340
IIIA	.357 Sig FMJ FN	125	1,470	1,410
	.44 Mag SJHP	240	1,430	1,340
III	7.62 NATO FMJ	147	NA	2,780
IV	.30 Caliber M2 AP	166	NA	2,880

### FBI TESTING

FBI Testing for an NIJ 0101.06 Certified Level II or IIIA vest.



THREAT	SHOT PATTERN	AVG. MEASURED VELOCITY	NUMBER OF SHOTS
9mm, 124 gr. FMJ Enclosed Base	NIJ-0101.06	1,425 ft/s	8
.40 S&W, 180 gr. GDHP	NIJ-0101.06	950 ft/s	1 Contact Shot
.45 ACP, 230 gr. GS	NIJ-0101.06	870 ft/s	1 Contact Shot
9mm, 127 gr. +P+ Winchester SXT	NIJ-0101.06	1,250 ft/s	1 Contact Shot

20 Panels tested @ New and Conditioned, Ambient, Wet, 140°F, -40°F

### DEA TESTING

DEA Testing for an NIJ 0101.06 Certified Level IIIA vest.



THREAT	SHOT PATTERN	AVG. MEASURED VELOCITY	NUMBER OF SHOTS
9mm, 124 gr. FMJ	NIJ-0101.06	1,400 ft/s	9
.40 S&W, 165 gr. GDHP	NIJ-0101.06	1,150 ft/s	1 Contact Shot
9mm, 127 gr. +P+ Winchester SXT	NIJ-0101.06	1,250 ft/s	1 Contact Shot
2 gr. Right Circular Cylinder	MIL-STD-662F	2,737 ft/s	V50
4 gr. Right Circular Cylinder	MIL-STD-662F	2,420 ft/s	V50
16 gr. Right Circular Cylinder	MIL-STD-662F	2,080 ft/s	V50
64 gr. Right Circular Cylinder	MIL-STD-662F	1,620 ft/s	V50

8 Panels tested @ Ambient, Wet, 150°F, -20°F

# NIJ 0101.06 CERTIFIED SOFT ARMOR BALLISTICS

RAZOR		SERAPH		VORTEX		HALO	
The Gen2 Razor™ body armor is both extremely thin and lightweight. Offering exceptional ballistic performance, the Razor™ is based on innovative fabric technology from both Twaron® and Dyneema®.		The Gen3 Seraph™ is an incredible armor system which is thin, light and pliable. The perfect blend of Force Multiplier Technology and a proprietary woven fabric provides the user with an outstanding experience.		Vortex™ body armor offers users the combined properties of strength, comfort and performance, all at an incredible value. The IIIA is great for concealed wear, but is also used by tactical teams across the country.		The Halo™ armor system is known for its outstanding flexibility and comfort. Trusted by many prestigious agencies across the country, the Halo™ offers outstanding comfort and performance.	
CONSTRUCTION							
Twaron® Microfilament Flex Woven Aramid & Dyneema® Force Multiplier		Twaron® Microfilament Flex Woven Aramid & Dyneema® Force Multiplier Technology		Twaron® Flex Woven Aramid & Honeywell Gold Shield		Twaron® Microfilament material and Twaron® Laminated Fiber Technology	
THREAT LEVEL II							
RZR62-A-II		SER63-B-II		AEXP62-A-II		HLO-D-II	
Areal Density (psf)	0.67	Areal Density (psf)	0.76	Areal Density (psf)	0.86	Areal Density (psf)	0.92
Thickness (inches)	0.14	Thickness (inches)	0.20	Thickness (inches)	0.19	Thickness (inches)	0.21
V50 -9mm (fps)	1,822	V50 -9mm (fps)	1,744	V50 -9mm (fps)	1,639	V50 -9mm (fps)	1,617
V50 -.357 Mag (fps)	1,727	V50 -.357 Mag (fps)	1,624	V50 -.357 Mag (fps)	1,615	V50 -.357 Mag (fps)	1,606
RZR62-A-II-FEM		SER63-B-II-FEM		AEXP62-A-II-FEM		HLOF-D-II	
Areal Density (psf)	0.74	Areal Density (psf)	0.85	Areal Density (psf)	0.93	Areal Density (psf)	0.97
Thickness (inches)	0.18	Thickness (inches)	0.21	Thickness (inches)	0.21	Thickness (inches)	0.24
V50 -9mm (fps)	1,784	V50 -9mm (fps)	1,825	V50 -9mm (fps)	1,691	V50 -9mm (fps)	1,678
V50 -.357 Mag (fps)	1,680	V50 -.357 Mag (fps)	1,721	V50 -.357 Mag (fps)	1,691	V50 -.357 Mag (fps)	1,605
THREAT LEVEL IIIA							
RZR62-A-III		SER63-A-III		AEXP62-A-III		HLO-B-III	
Areal Density (psf)	0.92	Areal Density (psf)	1.03	Areal Density (psf)	1.14	Areal Density (psf)	1.23
Thickness (inches)	0.21	Thickness (inches)	0.27	Thickness (inches)	0.25	Thickness (inches)	0.27
V50 -.357 Sig (fps)	1,908	V50 -.357 Sig (fps)	1,828	V50 -.357 Sig (fps)	1,841	V50 -.357 Sig (fps)	1,798
V50 -.44 Mag (fps)	1,746	V50 -.44 Mag (fps)	1,672	V50 -.44 Mag (fps)	1,700	V50 -.44 Mag (fps)	1,609
RZR62-A-III-FEM		SER62-A-III		AEXP62-A2-III-FEM		HLOF-C-III	
Areal Density (psf)	0.97	Areal Density (psf)	1.18	Areal Density (psf)	1.20	Areal Density (psf)	1.28
Thickness (inches)	0.24	Thickness (inches)	0.30	Thickness (inches)	0.28	Thickness (inches)	0.28
V50 -.357 Sig (fps)	2,020	V50 -.357 Sig (fps)	1,881	V50 -.357 Sig (fps)	1,766	V50 -.357 Sig (fps)	1,798
V50 -.44 Mag (fps)	1,830	V50 -.44 Mag (fps)	1,753	V50 -.44 Mag (fps)	1,630	V50 -.44 Mag (fps)	1,664
SPECIAL TESTING							
Quad Compliant / AE Special Threats / DEA Protocol / FBI Testing		Quad Compliant / AE Special Threats / DEA Protocol / FBI Testing		Quad Compliant / AE Special Threats / DEA Protocol / FBI Testing		Quad Compliant / AE Special Threats / DEA Protocol / FBI Testing	

# NIJ 0101.06 CERTIFIED SOFT ARMOR (CONT.)

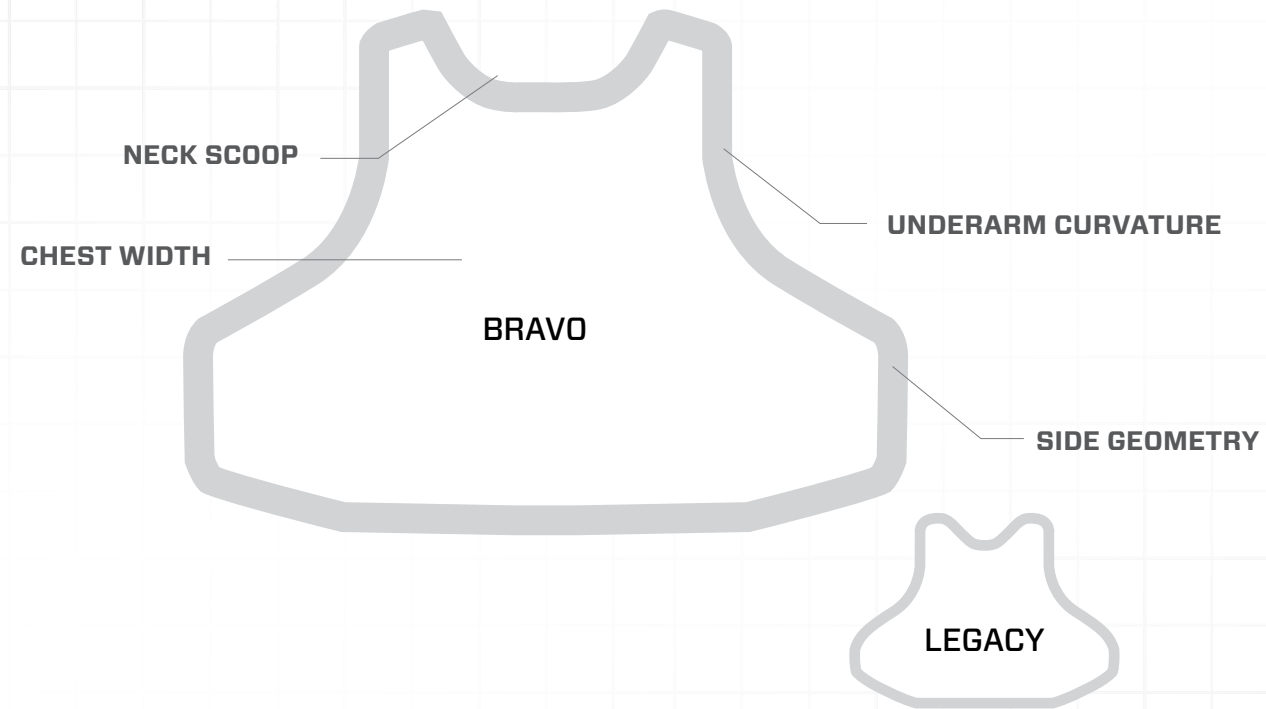
QUANTUM		FMS	
Quantum™ soft armor offers superior value. Lightweight, flexible, and a robust performer, Quantum™ armor is combat tested and proven. DoD Frag Protection.		The surprisingly comfortable FMS™ is our most cost-effective armor system. Meets DoD Frag Protection.	
CONSTRUCTION			
Twaron® Microfilament Flex Woven Aramid & Twaron® LFT and Twaron® Laminate		Twaron® Flex Woven Aramid & Twaron® Laminate	
THREAT LEVEL II			
QTM-B-II		FMS-A-II	
Areal Density (psf)	1.05	Areal Density (psf)	1.31
Thickness (inches)	0.24	Thickness (inches)	0.29
V50 -9mm (fps)	1,662	V50 -9mm (fps)	1,667
V50 -.357 Mag (fps)	1,610	V50 -.357 Mag (fps)	1,663
QTMF-B-II		FMSF-A-II	
Areal Density (psf)	1.05	Areal Density (psf)	1.31
Thickness (inches)	0.24	Thickness (inches)	0.29
V50 -9mm (fps)	1,646	V50 -9mm (fps)	1,695
V50 -.357 Mag (fps)	1,621	V50 -.357 Mag (fps)	1,645
THREAT LEVEL IIIA			
QTM62-A-III		FMS-A-III	
Areal Density (psf)	1.23	Areal Density (psf)	1.53
Thickness (inches)	0.25	Thickness (inches)	0.32
V50 -.357 Sig (fps)	1,827	V50 -.357 Sig (fps)	1,810
V50 -.44 Mag (fps)	1,719	V50 -.44 Mag (fps)	1,661
QTMF-C-III		FMSF-A-III	
Areal Density (psf)	1.32	Areal Density (psf)	1.65
Thickness (inches)	0.31	Thickness (inches)	0.36
V50 -.357 Sig (fps)	1,775	V50 -.357 Sig (fps)	1,811
V50 -.44 Mag (fps)	1,625	V50 -.44 Mag (fps)	1,677
SPECIAL TESTING			
Quad Compliant / AE Special Threats / DEA Protocol / FBI Testing		Quad Compliant / AE Special Threats / DEA Protocol / FBI Testing	

# NIJ 0101.06/0115.00 CORRECTIONS

GEMINI		TAURUS	
Officers needing extra protection look to Gemini™ dual purpose armor for providing the utmost in ballistic and spike protection. The Gemini™ is a versatile performer and comfortable to wear.		Taurus™ correctional armor provides corrections officers essential puncture protection from prison shanks and spikes and is extremely light weight and flexible.	
CONSTRUCTION			
Comprised of Twaron® Microfilament Fibers, spike resistant Aramid materials		Comprised of Twaron® Microfibrillar material	
THREAT LEVEL IIA SPIKE 3		THREAT SPIKE 1	
GEM-A-DP2A3		802210	
Areal Density (PSF)	0.98	Areal Density (psf)	0.36
Thickness (Inches)	0.24	Thickness (inches)	0.09
V50 -9mm (FPS)	1,522		
V50 -.357 Mag (FPS)	1,557		
THREAT LEVEL II SPIKE 2		THREAT SPIKE 2	
GEM-A-DP22		606160	
Areal Density (psf)	1.18	Areal Density (psf)	0.48
Thickness (inches)	0.29	Thickness (inches)	0.12
V50 -9mm (FPS)	1,616		
V50 -.357 Mag (FPS)	1,593		
THREAT LEVEL IIIA SPIKE 3		THREAT SPIKE 3	
GEM-C-DP3A3		805210	
Areal Density (PSF)	1.50	V50 -9mm (FPS)	0.60
Thickness (Inches)	0.33	V50 -.357 Mag (FPS)	0.17
V50 -.357 Sig (FPS)	1,799		
V50 -.44 Mag (FPS)	1,637		

ARMOR EXPRESS ▲ BALLISTICS

# BRAVO IS THE FUTURE



## DISTINCT ADVANTAGE

Since introducing the new cut, BRAVO, to our concealable and overt patrol armor systems, we have expanded this ground-breaking configuration to virtually all solutions in every product category. BRAVO was born out of our drive to innovate and we are proud to offer this cutting-edge design that brings significantly greater benefits to our end-users, including better form, fit and increased flexibility for enhanced safety and comfort.

While the traditional LEGACY cut is still available for customers under contract, in 2020 and beyond, our focus will be on selling BRAVO to the Federal and Domestic Law Enforcement markets given the significant benefits it offers. We will be working hand-in-hand with our distribution partners to convert agencies to the BRAVO cut, where applicable, and will continue to design solutions that increase wear rates and provide advanced protection. Among the benefits and key advantages:

**Underarm Curvature** - Deeper and more aggressive curvature lessens abrasion and increases comfort; also eliminates the need to request underarm trims

**Side Geometry** - Flatter sides increase overlap coverage

**Neck Scoop** - Wider and flatter neck scoop eliminates chafing and increases comfort

**Chest Width** - Scaled chest width reduces bunching when in shooting and driving positions; also eliminates need to request chest trims



# MARKETS SERVED

Through the combination of Armor Express and KDH, we have grown to become one of the largest suppliers of soft and hard armor protective solutions to America's Heroes – among the most important customers in the world. Since the acquisition and subsequent merger, we have secured over \$250 million in new contracts and delivery orders within the Department of Defense and Federal Government, in addition to some of the largest law enforcement agencies, correctional facilities and Fire/EMS departments in the country. Our growth was made possible by our relentless focus on advancing technology and exceeding customer requirements, in addition to the support of our distribution, supply chain and technology partners around the world.

DOMESTIC  
LE

CORRECTIONS

MILITARY

DOD



FEDERAL  
LE

FIRE/EMS

SECURITY



# STRATEGIC PARTNERSHIPS

## PRODUCT MANUFACTURERS AND KEY ALLIANCES

The customer comes first and whether we manufacture or source products, our goal is to ensure they have the protection needed for their mission-specific requirements. That is why we have aligned with industry leaders in ballistic technology, carrier designs, accessories, helmets, plates, and shields. Our responsibility is protection.



**Busch PROtective  
USA**



## WEAVERS AND FIBER MANUFACTURERS

The relationships forged with industry leaders around the world enable us to continuously enhance our ballistic solutions and in turn, bring to market the lightest, most flexible, ergonomically designed ballistic packages for all end-users.



ARMOR EXPRESS ▶ PARTNERS

## MATERIALS, FABRICS AND TECHNOLOGY

Ballistics and carriers, and in many cases, hard armor plates form a system – each designed differently to address our customers' needs. Having access to the latest technologies, machinery, processes, and know-how is critical and enables us to deliver the most advanced protective solutions in the industry.



# OUR CULTURE OF SAVING LIVES CONTINUES

Armor Express strives to honor those who have faced death in the name of protecting the peace. The AE Saves program, constantly changing to meet the needs of officers and their families, continues to adapt and develop as the community grows. With each save, we learn more about officer and family needs, and how we can be a conduit for healing.

**3-12-19**



**4-29-19**

Officer Matt Zalewski  
Seagraves Police Department, TX  
Shot seven times after a car chase, two shots to the chest



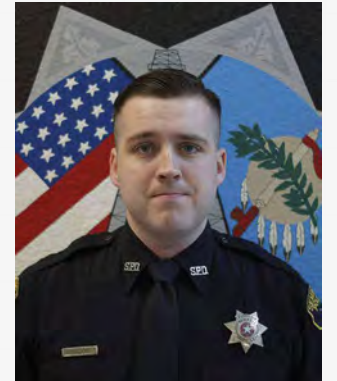
**8-3-19**

Officer Dustin Darling  
La Crosse, WI Police Dept.  
Shot in chest with a .45



**10-19-19**

Officer Zaine O'Meara  
Great Falls Police Department, MT  
Hit by drunk driver



**4-22-19**

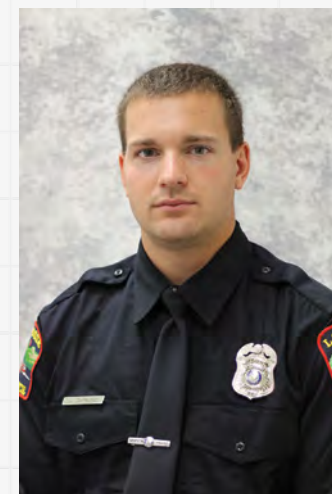
Officer Ryan Leabo  
Davenport PD, IA  
Shot in leg and torso with a 9mm

PSO Brendan Westrik  
Kalamazoo DPS, MI  
Shot twice in chest, active shooter police ambush



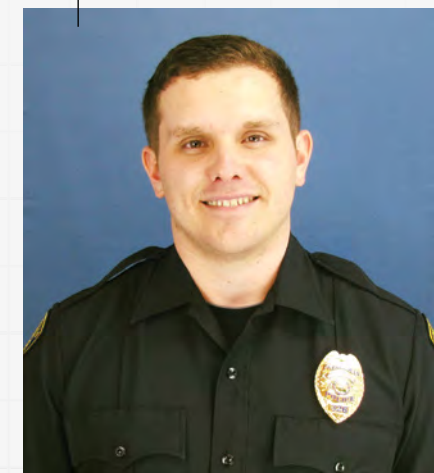
**5-30-19**

Constable Calcut  
Manitoba First Nations Police  
Stabbed in kidneys, neck, and head



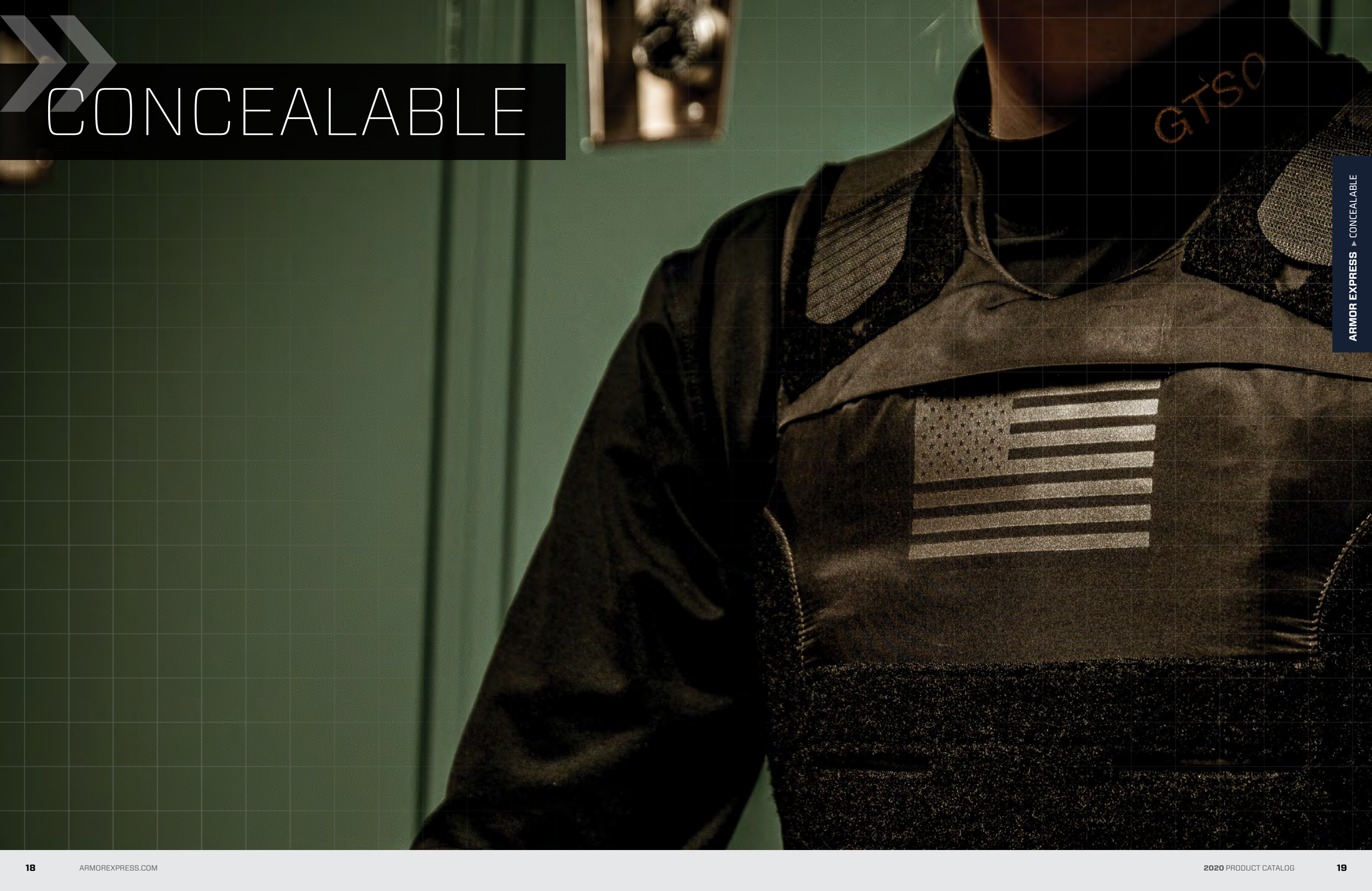
**8-16-19**

Trooper Caleb McCoy  
Missouri State Trooper  
Shot in chest and shoulder



**12-3-19**

Officer Matthew Mericle  
Ada Police Department, OK  
Shot in chest, .22 Magnum



# CONCEALABLE

ARMOR EXPRESS ▶ CONCEALABLE



INTERIOR SUSPENSION SYSTEM PREVENTS SAGGING OF THE ARMOR PANELS

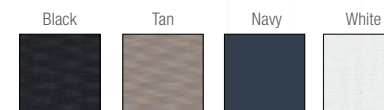
LOW-PROFILE PADDED SHOULDERS

MOISTURE-WICKING, ANTI-MICROBIAL INNER LINING

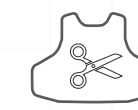
DURABLE AND LIGHT WEIGHT MICROFIBER OUTER SHELL

FRONT LOW-PROFILE 5"x8" AND 7"x9"/7"x10" PLATE POCKETS ACCOMMODATE INSERTS FOR ADDED PROTECTION (MALE) OR 5"x7"/5"x8" (FEMALE)

INTERIOR MICROFIBER WEARSTRIP™ PROVIDES GREATER DURABILITY ALONG DUTY BELT



PATENTED EASY GRIP SIDE STRAPS™



BRAVO CUT



Fitted female carrier also available

## ▼ AMERICAN REVOLUTION ▼

The American Revolution™ is AE's top-of-the-line concealable carrier system. Loaded with features, it sets the mark for superior design with attention to detail, while offering maximum comfort, breathability, and durability. The carrier offers low-profile shoulder padding for added comfort and weight disbursement and utilizes a superior microfiber nylon for its exterior shell material. The slightly denser material results in greater durability and longevity. It is also water repellent and anti-static treated. The inner lining of the carrier is a moisture-wicking, anti-microbial material that provides evaporative cooling. The relief lines on the loop surfaces combined with our patented Easy Grip Side Straps™ make adjusting or donning/doffing the vest extremely easy. The American Revolution is sized to specifically fit your Armor Express custom BRAVO armor panels.

### STANDARD FEATURES

- ▶ Durable and lightweight microfiber outer shell
- ▶ Moisture-wicking, anti-microbial inner lining
- ▶ Interior suspension system prevents sagging of the armor panels
- ▶ Low-profile padded shoulders

### OPTIONS & ACCESSORIES

- ▶ IFAK pouch to add to your side strap
- ▶ Front and rear tails

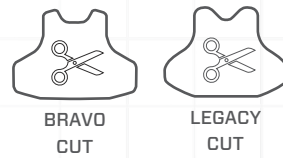
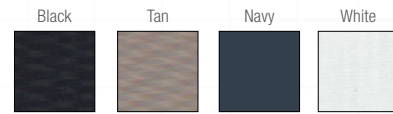
- ▶ Interior microfiber wear-strip provides greater durability along duty belt
- ▶ Front low-profile 5"x8" and 7"x9"/7"x10" plate pockets accommodate inserts for added protection (male) or 5"x7"/5"x8" (female)
- ▶ Patented Easy Grip Side Straps®
- ▶ Fitted female carrier also available



REVOLUTION TACTICAL UPGRADE



REAR VIEW



BRAVO CUT

LEGACY CUT

PATENTED EASY GRIP SIDE STRAPS™



## REVOLUTION

The Revolution is among our most popular concealable vests. It utilizes a microfiber nylon for its exterior shell material that is water-repellent and anti-static treated. The standard Revolution carrier inner lining consists of a moisture-wicking, anti-microbial material that provides evaporative cooling. Available in either BRAVO or LEGACY configuration.

### STANDARD FEATURES

- ▶ Durable and lightweight microfiber outer shell
- ▶ Moisture-wicking, anti-microbial inner lining
- ▶ Low-profile padded shoulders
- ▶ Interior suspension system prevents sagging of the armor panels
- ▶ Interior microfiber wear-strip provides greater durability along duty belt
- ▶ Front 5"x8" and 7"x9"/7"x10" plate pockets accommodate inserts for added protection (male) or 5"x7"/5"x8" (female)
- ▶ Patented Easy Grip Side Straps®
- ▶ Fitted female carrier also available

### OPTIONS & ACCESSORIES

- ▶ Scent-Lok® inner lining to provide additional odor control
- ▶ Thor Shield™ liner for protection from stun devices such as Taser™
- ▶ Tactical Upgrade offering a hideaway medical information strip, a hidden knife pocket, and ID Badge Hook and Loop
- ▶ IFAK pouch to add to your side strap
- ▶ Back 5"x8" and 7"x9"/7"x10" plate pockets accommodate inserts for added protection (male) or 5"x7"/5"x8" (female)
- ▶ Front and rear tails



MOISTURE-WICKING, ANTI-MICROBIAL INNER LINING

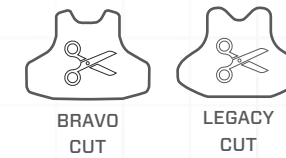
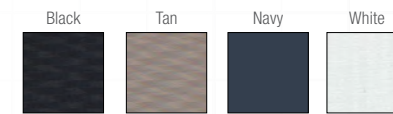
EXTERIOR MICROFIBER NYLON SHELL

FRONT DUAL PLATE POCKETS ACCOMMODATE 5x8 or 7x10 INSERTS

INTERIOR MICROFIBER WEARSTRIP™ PROVIDES GREATER DURABILITY



REAR VIEW



BRAVO CUT

LEGACY CUT

PATENTED EASY GRIP SIDE STRAPS™



## EVOLUTION

The Evolution™ is one of AE's time-tested carrier systems. With an exterior microfiber nylon shell and an inner mesh lining, the Evolution™ offers resilience, comfort and breathability. The microfiber shell features both water-repellent and anti-static treatments. The mesh inner lining offers moisture-wicking and anti-microbial properties. Available in either BRAVO or LEGACY configuration.

### STANDARD FEATURES

- ▶ Durable and lightweight microfiber outer shell
- ▶ Moisture-wicking, anti-microbial inner lining
- ▶ Front dual plate pockets accommodate either 5x8 or 7x10 up armor inserts
- ▶ Inner panel suspension system
- ▶ Adjustable at shoulder and sides
- ▶ Patented Easy Grip Side Straps®

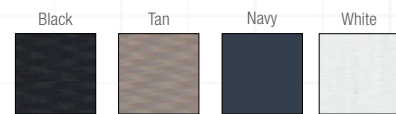
ARMOR EXPRESS ▶ CONCEALABLE

FRONT 5"X8" AND 7"X9"/7"X10" PLATE POCKETS ACCOMMODATE INSERTS FOR ADDED PROTECTION



LOW-PROFILE PADDED SHOULDERS

MOISTURE-WICKING, ANTI-MICROBIAL INNER LINING



BRAVO CUT

## EQUINOX GC

The Equinox GC is AE's traditional polycotton carrier system. This carrier also features a moisture-wicking, anti-microbial inner liner. The Equinox GC is sized to specifically fit your Armor Express custom BRAVO armor panels.

### STANDARD FEATURES

- ▶ Polycotton outer shell
  - ▶ Moisture-wicking, anti-microbial mesh lining
  - ▶ Interior suspension system prevents sagging of the armor panels
  - ▶ Front 5"x8" and 7"x9"/7"x10" plate pockets accommodate inserts for added protection (male) or 5"x7"/5"x8" (female)
  - ▶ Patented Easy Grip Side Straps®
  - ▶ Fitted female carrier also available
- 
- ▶ Optional IFAK pouch to add to your side strap
  - ▶ Back 5"x8" and 7"x9"/7"x10" plate pockets accommodate inserts for added protection (male) or 5"x7"/5"x8" (female)
  - ▶ Optional front and rear tails

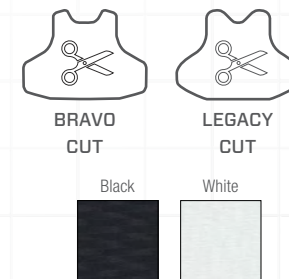


POLYESTER/SPANDEX FABRIC WITH MOISTURE-WICKING, ANTI-MICROBIAL PROPERTIES

INTERIOR SUSPENSION SYSTEM PREVENTS SAGGING OF THE ARMOR PANELS

5"X8" FRONT PLATE POCKETS ACCOMMODATE INSERTS FOR ADDED PROTECTION

INTERNAL WAISTBAND



BRAVO CUT

LEGACY CUT

Black

White

## T-SHIRT ARMOR CARRIER

The T-Shirt Armor Carrier offers superior concealment through its low-profile architecture. The shirt is constructed using a moisture-wicking, anti-microbial Polyester/Spandex fabric, lined with a mesh pocket to hold the armor panels. The panels are inserted using a zipper opening for simplistic installation. There is an internal elastic waist band to ensure proper overlap and stability of the panels. The front of the shirt has a 5"×8" plate pocket for inserts.

### STANDARD FEATURES

- ▶ Polyester/spandex fabric with moisture-wicking, anti-microbial properties
- ▶ Interior suspension system prevents sagging of the armor panels
- ▶ Internal waistband
- ▶ Front 5"x8" plate pockets accommodate inserts for added protection
- ▶ Machine washable carrier
- ▶ Gender-neutral design

# OVERT PATROL

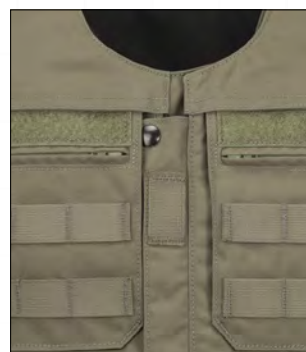




TRAVERSE HALF MOLLE



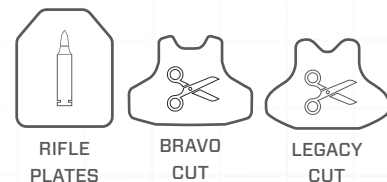
REAR VIEW



Zipper cover and camera mount



Optional vertical loop and eyelet badge attachment



## TRAVERSE MOLLE

The Traverse MOLLE configuration is an overt patrol vest that features a front zippered opening system. It now offers the option of removing MOLLE from the pockets and is available in a BRAVO or LEGACY configuration. Image shown in BRAVO configuration, LEGACY varies slightly, contact us for details.

### STANDARD FEATURES

- ▶ Front zip-side opening design
- ▶ Heavy duty outer shell
- ▶ Internal plate pockets, accommodating inserts for added protection
- ▶ Front and rear hard armor plate pockets accommodate rifle plate protection
- ▶ Mesh in key friction zones
- ▶ Rear hidden lumbar map pocket (LEGACY only)
- ▶ Zipper cover with camera mount (BRAVO only)
- ▶ Wire routing ports (BRAVO only)
- ▶ Optional vertical loop and eyelet badge 2"x3" or 3"x3" attachment point
- ▶ Ambidextrous utility pockets
- ▶ Adjustable shoulders with mic tabs
- ▶ Two Zippered Napoleon chest pocket (BRAVO only - pictured), or two hook and loop Napoleon chest pocket (LEGACY only)
- ▶ Rear adjustable cummerbund with comfort stretch (BRAVO only)
- ▶ Reinforced Drag Handle

### OPTIONS & ACCESSORIES

- ▶ Remove MOLLE from pockets
- ▶ Optional vertical loop and eyelet badge 2"x3" or 3"x3" attachment point







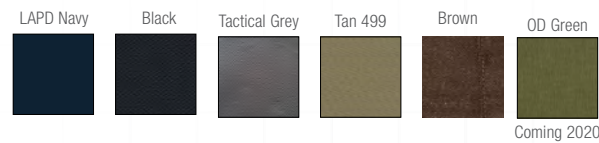
DRESS MOLLE FRONT



DRESS MOLLE BACK



INTERNAL PLATE POCKETS



## TRAVERSE DRESS

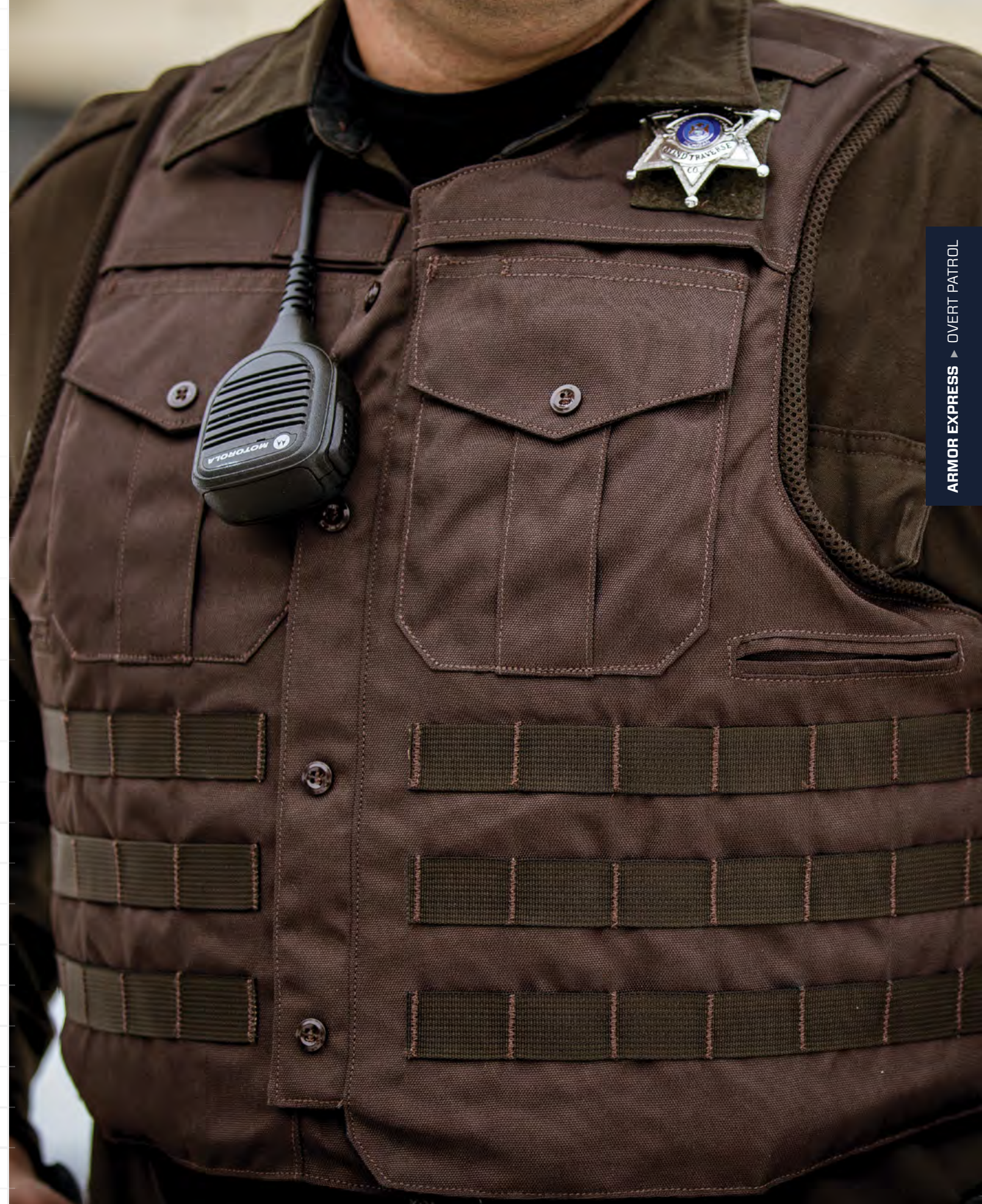
The Traverse overt patrol vest in dress configuration is a front zippered opening system. The vest is now available with optional MOLLE webbing. Other optional features can be selected to meet your departmental requirements. BRAVO cut only.

### STANDARD FEATURES

- ▶ Front zip-side opening design
- ▶ Heavy duty outer shell
- ▶ Internal plate pockets, accommodating inserts for added protection
- ▶ Front and rear hard armor plate pockets accommodate rifle plate protection
- ▶ Mesh in key friction zones
- ▶ Zipper cover with faux buttons
- ▶ Two concealed ID tag and badge tab attachment points
- ▶ Ambidextrous utility pockets
- ▶ Adjustable shoulders with mic tabs
- ▶ Camera mount on right yoke
- ▶ Two dress pockets w/ faux button-down flap and pen slot
- ▶ Rear adjustable cummerbund with comfort stretch

### OPTIONS & ACCESSORIES

- ▶ MOLLE webbing (2-3 rows depending on carrier size)
- ▶ Optional vertical loop and eyelet badge 2"x3" or 3"x3" attachment point
- ▶ Rear placard attachment





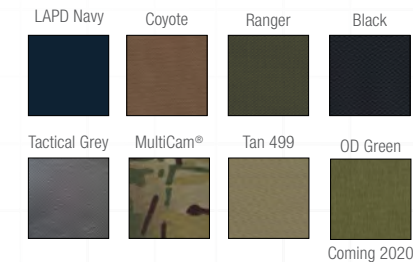
Shown here with optional NextGen Yoke/Collar assembly, NextGen Ballistic Throat, NextGen Ballistic Groin Protector, and Ballistic structured deltoid protectors

## ▼ HARD CORE H3 ▼

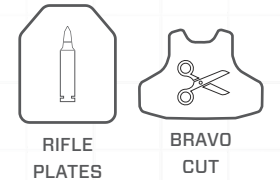
The Hard Core H3 exhibits robust utility, yet it maintains a lightweight, aggressive architecture. The H3 features adjustable shoulders and waist, and uses BRAVO cut panels for enhanced coverage and a more accurate fit. This carrier features our Dynamic Cummerbund System, allowing the user to breathe and move much more efficiently. Its shoulder strap geometry offers enhanced ergonomics and communication channeling. The H3 features the Quad Ventilation Liner (QVL) system for improved heat management and air circulation. The generous MOLLE design offers superior user customization. The Hard Core H3 accommodates Peraflex System pouches for streamlined load-outs.



REAR VIEW



\* Laser cut and 3D foam technology items not available in Tan 499



### STANDARD FEATURES

- ▶ Top loading exterior accessible front and rear rifle plate pockets
- ▶ Quad Ventilation Liner (QVL) system
- ▶ Padded Dynamic Cummerbund with pull tabs
- ▶ Reinforced drag strap
- ▶ ID tag attachment points
- ▶ Front kangaroo pouch
- ▶ Advanced Shoulder Pads (ASP)
- ▶ Ambidextrous utility pockets
- ▶ Upper admin pocket
- ▶ Fully adjustable shoulders
- ▶ Streamlined shoulder strap system
- ▶ Dynamic Cummerbund System with soft armor pockets

### OPTIONS & ACCESSORIES

- ▶ Cummerbund soft armor inserts
- ▶ Ballistic shoulder pad inserts
- ▶ Peraflex System Pouches for kangaroo and cummerbund
- ▶ Zipper kangaroo and admin pouch accessory
- ▶ COBRA®, Alpha and Tubes® Dynamic Cummerbund upgrades
- ▶ Vertical grommet admin flap
- ▶ Horizontal grommet admin flap
- ▶ NextGen Ballistic Yoke/Collar assembly (see page 74)
- ▶ NextGen Ballistic Throat (see page 74)
- ▶ NextGen Ballistic Groin Protector (see page 74)
- ▶ Ballistic structured deltoid protectors
- ▶ Removable sling catch
- ▶ Laser cut Hard Armor Shoulder Plates (HASP)\*
- ▶ Upgraded Advanced Shoulder Pad (UASP) system featuring 3D foam technology\*



## ▼ HARD CORE PT ▼

The Hard Core PT offers many of the key features of our H3 on a less elaborate platform. The PT is adjustable in both the shoulders and waist. The carrier features our Dynamic Cummerbund System, allowing the user to breathe and move much more efficiently. The shoulder strap geometry offers enhanced ergonomics and communication channeling. Designed to fit your BRAVO armor panels.



ADVANCED  
SHOULDER PADS

FULLY ADJUSTABLE  
SHOULDERS

UPPER ADMIN POUCH

TOP LOADING EXTERIOR  
ACCESSIBLE FRONT AND REAR  
RIFLE PLATE POCKETS

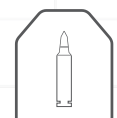
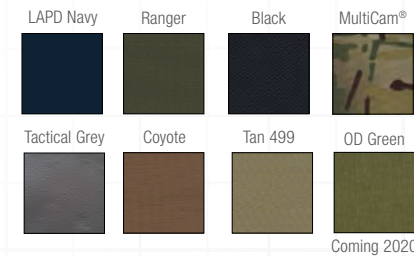
FRONT AND REAR ID PLACARD  
ATTACHMENT POINTS

AMBIDEXTROUS UTILITY  
POCKETS

DYNAMIC CUMMERBUND  
SYSTEM WITH SOFT ARMOR  
POCKETS



REAR VIEW



RIFLE  
PLATES



BRAVO  
CUT

### STANDARD FEATURES

- ▶ Top loading exterior accessible front and rear rifle plate pockets
- ▶ Reinforced drag strap
- ▶ ID placard attachment points
- ▶ Advanced Shoulder Pads (ASP)

- ▶ Ambidextrous utility pockets

- ▶ Upper admin pocket
- ▶ Mic attachment points
- ▶ Dynamic Cummerbund System with soft armor pockets

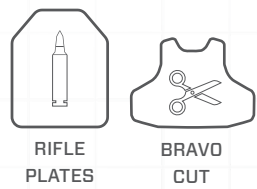
### OPTIONS & ACCESSORIES

- ▶ Cummerbund soft armor inserts
- ▶ Peraflex System Pouches for cummerbund
- ▶ Zipper admin pouch accessory
- ▶ COBRA®, Alpha and Tubes® Dynamic Cummerbund upgrades

- ▶ NextGen Ballistic Yoke/Collar assembly (see page 74)
- ▶ NextGen Ballistic Throat (see page 74)
- ▶ NextGen Ballistic Groin Protector (see page 74)
- ▶ Ballistic structured deltoid protectors



- PADDED FULLY ADJUSTABLE SHOULDERS
- DUAL RADIO MICROPHONE TABS
- TOP LOADING EXTERIOR ACCESSIBLE FRONT AND REAR RIFLE PLATE POCKETS
- SHEARS/KNIFE/FLASHLIGHT POCKET
- FRONT INTERIOR 5"X8" PLATE POCKET ACCOMMODATES INSERTS FOR ADDED PROTECTION



RIFLE PLATES BRAVO CUT



REAR VIEW



ADDITIONAL 10" OF CUMMERBUND ADJUSTMENT

## HARD CORE FE

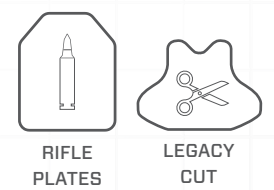
Built upon input, it is the first carrier of its kind to safely address a one-size-fits-most application with consideration of comfort, movement and ballistic protection. The Hard Core FE can be quickly equipped with rifle plates via its top loading external plate pockets. It is designed to protect personnel during an Active Shooter or Hostile Event Response. The Hard Core FE offers ballistic protection without sacrificing mobility and versatility. The carrier is adaptable to meet the needs of your team's life-saving missions. It is also designed to fit BRAVO armor panels.

### STANDARD FEATURES:

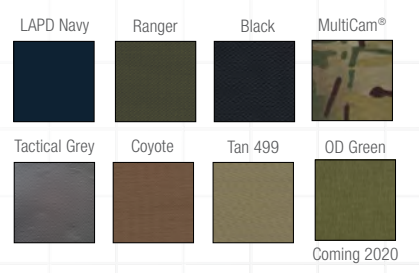
- Two Carrier styles: MOLLE webbing platform and Slick model (no MOLLE)
- Dynamic Cummerbund System with soft armor pockets
- Easy donning via multi-point fit adjustment system
- Integrated triple box stitched drag strap
- Padded shoulders and dual radio microphone tabs
- Shears/knife/flashlight pocket
- Top loading exterior accessible front and rear rifle plate pockets
- An effective ballistic protection vest solution that can be shared across all shifts
- Available in sizes M, L, XL, and 2XL - each size also offers an extra 10 inches in cummerbund adjustment over a standard cummerbund



- FULLY ADJUSTABLE SHOULDERS
- TOP LOADING EXTERIOR ACCESSIBLE FRONT AND REAR RIFLE PLATE POCKETS
- SPACER MESH LINING



RIFLE PLATES LEGACY CUT



REAR ANGLED VIEW

## HARD CORE SU

The Hard Core™ SU is a fully adjustable outer carrier. The liner shell material features spacer mesh for improved heat, moisture and debris dissipation. MOLLE has been added to the plate pocket flap for more modularity and attachments. The SU features the Dynamic Cummerbund System allowing the user to breathe and move much more efficiently. The shoulder strap geometry is improved for enhanced ergonomics.

### STANDARD FEATURES

- Spacer mesh lining
- Fully adjustable shoulders
- Dynamic Cummerbund System with soft armor pockets
- Reinforced carry handles
- Top loading exterior accessible front and rear rifle plate pockets
- ID placard attachment points

### OPTIONS & ACCESSORIES

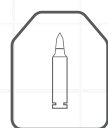
- Removable sling catch
- Retractable pull down groin guard
- Cummerbund soft armor inserts
- COBRA®, Alpha and Tubes® Dynamic Cummerbund upgrades
- Ballistic structured deltoid protectors
- Advanced Shoulder Pads (ASP)
- Laser cut Hard Armor Shoulder Plates (HASP)\*
- Upgraded Advanced Shoulder Pad (UASP) system featuring 3D foam technology\*



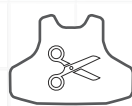
ANGLED FRONT VIEW



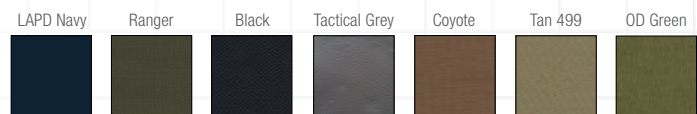
REAR VIEW



RIFLE PLATES



BRAVO CUT



Coming 2020

## OCX

Turn your standard concealable armor into an external load bearing vest with the OCX carrier system. Featuring a durable 500 Denier outer shell, the OCX offers front hard armor plate pockets accommodating inserts or rifle plate protection. The shoulders are fully adjustable and an internal cummerbund secures the carrier in place. The OCX is sized to specifically fit your Armor Express custom BRAVO armor panels.

### STANDARD FEATURES

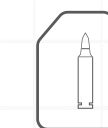
- ▶ Durable 500D nylon shell and liner
- ▶ Padded, adjustable shoulders
- ▶ Reinforced drag handle on rear of vest
- ▶ MOLLE webbing platform
- ▶ Cummerbund with bird-mouth closure
- ▶ Elastic inner cummerbund
- ▶ Top loading plate pockets accept 5"x8", 8"x10" and 10"x12" rifle plates
- ▶ Placard attachment points on front and rear of vest
- ▶ Mic tabs



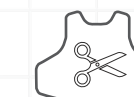
MOLLE MODEL



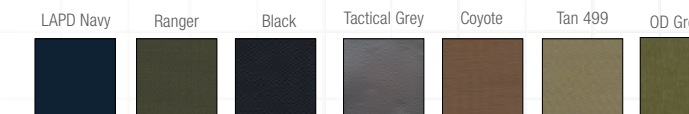
REAR VIEW



RIFLE PLATES



BRAVO CUT



Coming 2020

## OCS BRAVO (NEW FOR 2020!)

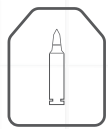
The Overt Carrier System BRAVO (OCS BRAVO) features a durable 500 Denier outer shell. The OCS BRAVO offers front hard armor plate pockets accommodating inserts or rifle plate protection. The shoulders are fully adjustable and an internal cummerbund secures the carrier in place. The OCS BRAVO is sized to specifically fit your Armor Express custom BRAVO armor panels.

### STANDARD FEATURES

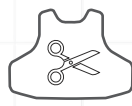
- ▶ Available in 4-pocket, MOLLE, Slick configurations
- ▶ Durable 500D nylon shell and liner
- ▶ Front over back side closure
- ▶ Back over front shoulder closure
- ▶ Mic tabs
- ▶ Front internal 5"x8", 8"x10" and 10"x12" plate pockets (male); 5"x8", 7"x9" and 8"x10" (female)
- ▶ Placard attachment field
- ▶ Internal elastic cummerbund
- ▶ Fitted female carrier also available



REAR VIEW



RIFLE PLATES



BRAVO CUT



## FEARLESS OCS

The Fearless OCS is a “throw and go” alpha sized Overt Patrol carrier. The Fearless OCS is a superbly simple vest for the officer who is seeking an overt patrol carrier with a MOLLE platform.

### STANDARD FEATURES

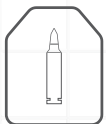
- ▶ Durable 500D nylon shell and liner
- ▶ Padded, adjustable shoulders
- ▶ Reinforced drag handle on rear of vest
- ▶ MOLLE webbing platform
- ▶ Front to back adjustable elastic side closures
- ▶ Internal elastic cummerbund
- ▶ Top loading plate pockets accept 5x8, 8x10 and 10x12 rifle plates
- ▶ Placard attachment points
- ▶ Mic tabs
- ▶ Removable, radial shoulder pads decrease tension on the shoulders and neck
- ▶ Alpha sized (XS-4X)



REAR VIEW



MOLLE MODEL



RIFLE PLATES



LEGACY CUT



## OVERT CARRIER SYSTEM (OCS)

The OCS offers a durable 500 Denier outer shell. Featuring front hard armor plate pockets accommodating inserts or rifle plate protection, the OCS is a standard option for the officer seeking an outer carrier body armor system. The OCS is sized to specifically fit your Armor Express custom LEGACY armor panels.

### STANDARD FEATURES

- ▶ Available in 4-pocket, MOLLE, Slick configurations
- ▶ Shoulder adjustment points
- ▶ Epaulets at shoulder to hold microphone
- ▶ Front interior sling pockets accommodating inserts for added protection
- ▶ Hard armor plate pockets accommodate rifle plate protection
- ▶ Fitted female carrier also available

### OPTIONS & ACCESSORIES

- ▶ Optional back interior sling pockets accommodating inserts or rifle plate protection
- ▶ Multiple badge option attachment points



REAR VIEW



BRAVO  
CUT



## DRESS VEST GC

The Dress Vest GC is the AE solution to the growing demand for an outer carrier system that is suitable for daily use by Patrol Officers. Designed to be indistinguishable from the uniform shirt, the professional looking Dress Vest GC helps to camouflage the presence of your protective body armor panels while maintaining the advantages of an overt carrier. The Dress Vest GC is sized to specifically fit your Armor Express BRAVO armor panels.

### STANDARD FEATURES

- ▶ Durable 600D Poly front and back shell, Polycotton liner
- ▶ Back to front bird-mouth attachment system at sides
- ▶ Fixed shoulder with epaulets
- ▶ Two dress pockets w/ faux button-down flap and pen slot
- ▶ Faux button strip
- ▶ Front and back uniform pleats
- ▶ Center camera attachment tab
- ▶ Internal bottom loading 5"x8" and 7"x9"/7"x10" front and back plate pockets accommodate inserts for added protection
- ▶ 1"x5" loop name placard attachment point

### OPTIONS & ACCESSORIES

- ▶ Multiple badge option attachment points



REAR VIEW



SIDE VIEW



BRAVO  
CUT



## DRESS VEST CE

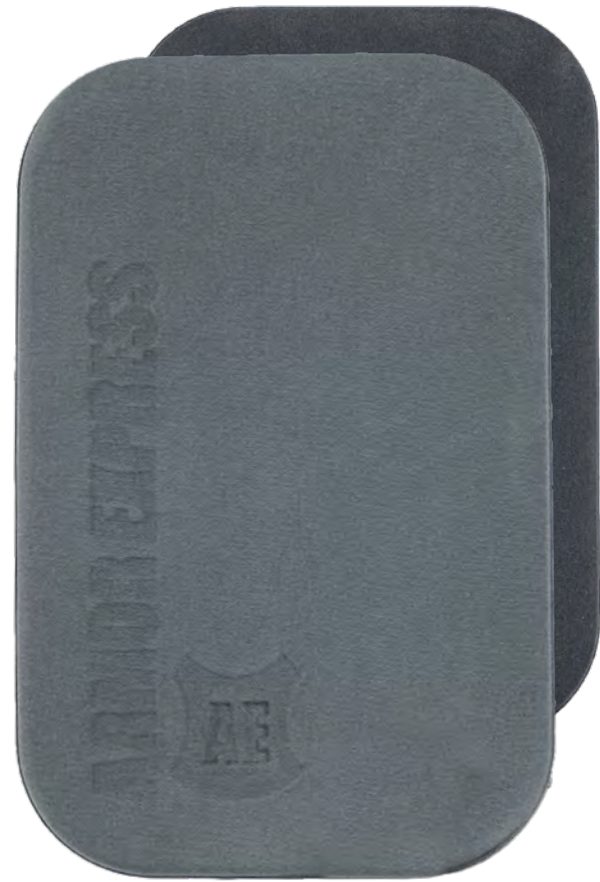
The Dress Vest CE is a formal outer carrier system that is suitable for daily use by Patrol Officers. Designed to blend with the uniform shirt, the Dress Vest CE provides protection while maintaining a professional appearance. The Dress Vest CE is sized to specifically fit your Armor Express custom BRAVO armor panels.

### STANDARD FEATURES

- ▶ Durable 600D Poly front and back shell, Polycotton liner
- ▶ Two dress pockets w/ faux button-down flap and pen slot
- ▶ Faux button strip
- ▶ Back over front elastic side closure
- ▶ Internal elastic cummerbund
- ▶ Adjustable shoulders with mic tabs
- ▶ Front internal 5"x8" and 7"x10" plate pockets (male); 5"x8" and 7"x9" (female)
- ▶ 1"x5" loop name placard attachment point
- ▶ Fitted female carrier also available

### OPTIONS & ACCESSORIES

- ▶ Multiple badge option attachment points
- ▶ Optional vertical badge eyelets
- ▶ Optional back 4x12 loop placard attachment point



## FOAM ENCAPSULATED IIIA ICW AND STAND-ALONE PLATES

The next generation of Up Armor—The Armor Express Foam Encapsulated Ara-Shock ICW and Ara-Shock Stand-Alone plate (patent pending). Foam encapsulation provides a lighter, more streamlined finish to an already proven line of ballistic armor performance.



**ARA-SHOCK™ ICW**

Upgrade your Level II soft armor up to Level IIIA ballistic protection.

ARAMID SEMI RIGID ARMOR PLATE	
5"x7"	0.22 lbs
5"x8"	0.26 lbs
7"x9"	0.41 lbs
7"x10"	0.45 lbs
Tested to Level IIIA in conjunction with Level II soft armor	



**ARA-SHOCK™**

Stand-alone Level IIIA armor by itself, but also additional protection by working in concert with your soft armor to protect against blunt force trauma, steering columns, and chest impacts.

ARAMID SEMI RIGID ARMOR PLATE	
5"x7"	0.32 lbs
5"x8"	0.36 lbs
7"x9"	0.61 lbs
7"x10"	0.68 lbs
Ballistic Level IIIA	



FRONT POCKETS ACCOMMODATE PLATES AND PACKS FOR ADDED PROTECTION

## UP ARMOR ▶

### PLATES AND PACKS



**POLY-SHOCK®**



**T-SHOCK®**



**SUPER STEEL PLATE®**



**SPIKE PACK**



**SOFT TRAUMA PACK**



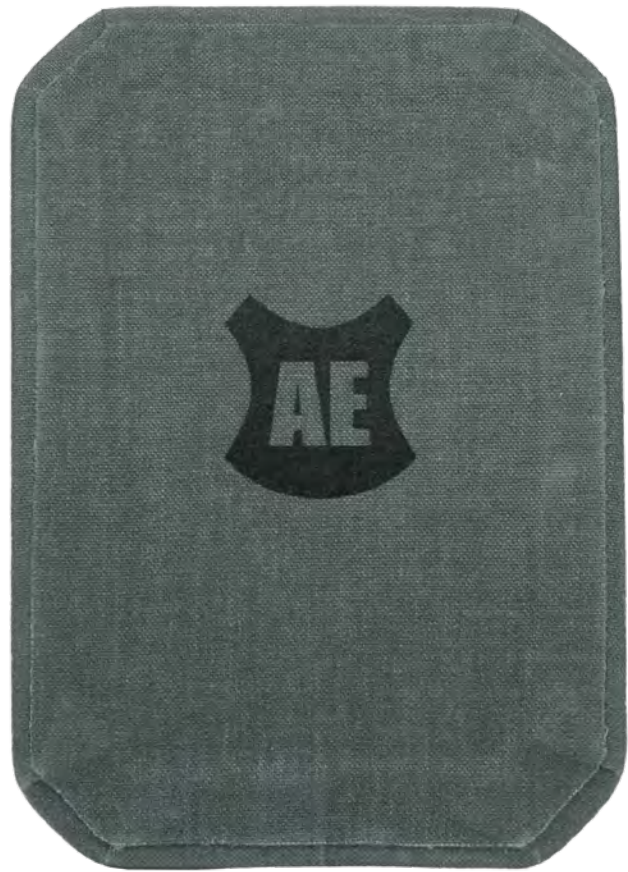
**SOFT ARMOR PACK**

Polyethylene semi rigid armor plate; rubberized coating		Titanium armor plate; rubberized coating		Steel armor plate; rubberized coating		Aramid fiber; waterproof ripstop cover		Laminated Aramid fiber; waterproof ripstop cover		Aramid fiber; waterproof ripstop cover	
5"x8"	0.40 lbs	5"x8"	0.48 lbs	5"x7"	1.30 lbs	5"x8"	≤.19 lbs	5"x8"	0.28 lbs	5"x8"	0.30 lbs
7"x10"	0.80 lbs	7"x10"	0.84 lbs			7"x10"	≤.29 lbs	7"x10"	0.45 lbs	7"x10"	0.55 lbs
10"x12"	1.56 lbs			Spike Level 1 Edge Blade Level 1 Ballistic Level IIIA	Spike Level 1 Edge Blade Level 2 Trauma	Ballistic Level IIIA	Spike Level 1 Spike Level 2 or Spike Level 3				





STOPPING POWER



## H-SHOCK

A smaller version of our H-Shock Special Threat Plate, the H-Shock Up Armor insert is a cost-effective way to protect against light rifle threats, while in a concealable carrier.

Ceramic/composite design. Water repellent polyurethane coated 1000 Denier CORDURA® fabric finish. Made in the U.S.A.	
Thickness: 0.6 ins	
5"x8"	1.80 lbs
Tested to the following rounds:	
5.56mm x 45mm 55gr Ball (M193)	
5.56mm x 45mm 62gr (M855 Green Tip)	
7.62x39 M67 ball / M43 (Mild Steel Core)	
7.62x39mm API	



GAME CHANGER

## C-SHOCK

Finally, a Special Threat Rifle plate light enough and thin enough to fit into the trauma pocket of your concealable vest.

Uni-directional Polyethylene and Ceramic; rubberized coating	
Thickness: 0.55 ins	
5"x8"	1.70 lbs
Tested to the following rounds:	
SPEER .357 SIG 125gr FMJ FN	
SPEER .44 MAG 240gr SJHP	
5.56mm x 45mm 55gr Ball (M193)	
5.56mm x 45mm 62gr (M855 Green Tip)	
7.62mm x 39mm 123gr PS Ball (Mild Steel Core)	
7.62x39mm API	



ARMOR EXPRESS ▶ UP ARMOR



## SPECIAL THREAT TESTED

Threats in today's world are unpredictable. Wearing concealable soft armor doesn't mean that you can't also have light rifle protection. Never compromise.

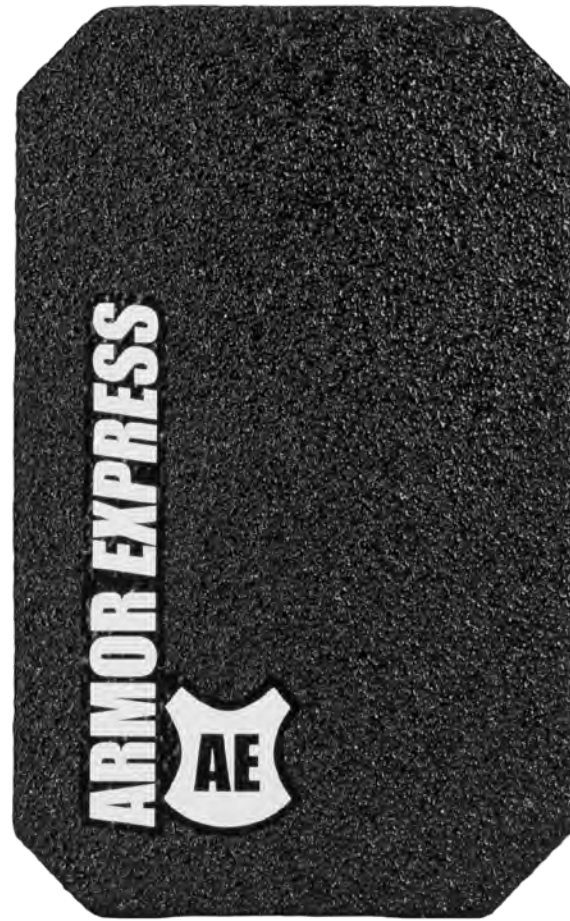
A special threat plate that will fit in the trauma plate pocket of your concealable or overt vest can give you peace of mind regardless of what you come up against. Both the H-Shock and C-Shock plates are capable of stopping more than your average trauma plate.

## CONCEALED RIFLE PLATE

Comprised of Uni-directional Polyethylene and Ceramic, the C-Shock Plate brings a revolutionary concept to your concealable vest – Rifle Protection. Tested to some of the most common rifle rounds on the street (AK-47 PS Ball, .556 Ball, .556 Green Tip), this plate has the strength to truly make a difference, while retaining a thin, lightweight profile that can fit into the soft trauma pocket on your vest. At 1.7lbs, you no longer have to make a choice between comfort and protection. You can have it all.



III + CONCEALED



## TRITON

A smaller version of our Triton Level III + Plate, the Triton Up Armor insert is a cost-effective way to protect against rifle threats including the 5.56x45mm M855/SS109 "Green Tip", all while fitting in a concealable carrier.

Durable steel design. Rifle multi-hit defense capability.  
Polyurea coating.  
Made in the U.S.A.

Thickness: 5mm

5"x8"	2.40 lbs
-------	----------

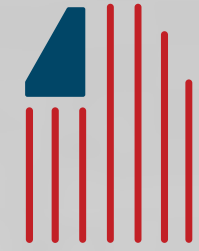
Tested to the following rounds:

5.56mm x 45mm 55gr Ball (M193)
--------------------------------

5.56mm x 45mm 62gr (M855 Green Tip)
-------------------------------------

7.62mm x 39mm 123 gr steel core
---------------------------------

7.62mm x 51mm M80 NATO (.308)
-------------------------------



**BUFFALO  
ARMORY**  
— ★ —



ARMOR EXPRESS ▶ UP ARMOR





# PLATE CARRIERS

Armor Express is committed to creating solutions which support the needs of modern-day tactical professionals.

We involve end-users throughout our new product development process and actively engage all protectors, whether Military, Federal, or Domestic Law Enforcement, to incorporate their feedback in our extensive field testing and product line evolution to create solutions. When you select an Armor Express tactical product, you can be assured it's mission-ready right out of the box. We pride ourselves on providing gear built with the end user's ideas and needs at the forefront.





▼ FEARLESS PC ▼

The Fearless PC is a cutting-edge plate carrier system. Featuring a laser cut attachment platform, the Fearless PC can be customized with either TUBES® or COBRA® Alpha quick release Dynamic Cummerbund systems, with accessory sleeves so you can kit out just the way your mission requires.



FEARLESS PC IN COBRA® ALPHA



FEARLESS PC IN TUBES®



BACK



RIFLE PLATES



**STANDARD FEATURES**

- ▶ Laser cut attachment platform
- ▶ TUBES® or COBRA® Alpha quick release Dynamic Cummerbund platforms with accessory sleeves
- ▶ 3D foam technology
- ▶ Front and Back ID placard attachment points
- ▶ Reinforced drag handle

- ▶ Adjustable Shoulder Straps
- ▶ Upgraded Advanced Shoulder Pad (JASP) system featuring 3D foam technology
- ▶ Bottom loading front and back rifle plate pockets
- ▶ Accepts soft ballistic cummerbund inserts and plate backers
- ▶ Excess shoulder strap channel

**OPTIONS & ACCESSORIES**

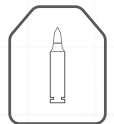
- ▶ First Spear™ Buoyancy Compensators (size dependent)
- ▶ Ballistic structured deltoid protectors
- ▶ Laser cut Hard Armor Shoulder Plates (HASP)
- ▶ Removable sling catch

# FEARLESS PC CONT.



- ADJUSTABLE SHOULDER STRAPS
- UPGRADED ADVANCED SHOULDER PAD (UASP) SYSTEM FEATURING 3D FOAM TECHNOLOGY (LASER CUT MODELS ONLY)
- 3D FOAM TECHNOLOGY
- FIRST SPEAR™ BUOYANCY COMPENSATOR TUBE PORT
- FRONT AND BACK ID PLACARD ATTACHMENT POINTS
- LASER CUT ATTACHMENT PLATFORM
- TUBES® OR COBRA® ALPHA QUICK RELEASE DYNAMIC CUMMERBUND PLATFORMS WITH ACCESSORY SLEEVES

FEARLESS PC IN TUBES®



RIFLE PLATES



## FEARLESS PC MOLLE

The Fearless PC MOLLE offers many of the core features of the Fearless PC but with less frills. The spacer mesh lining improves comfort, and the Dynamic Cummerbund can be outfitted with optional soft armor inserts for added side protection.

### STANDARD FEATURES

- ▶ Spacer mesh lining
- ▶ Dynamic Cummerbund with soft armor pockets
- ▶ Front and Back ID placard attachment points
- ▶ Reinforced drag handle

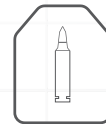
- ▶ Adjustable Shoulder Straps
- ▶ Advanced Shoulder Pads (ASP)
- ▶ Bottom loading front and back rifle plate pockets
- ▶ Accepts plate backers

### OPTIONS & ACCESSORIES

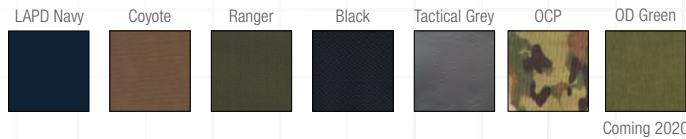
- ▶ Removable sling catch
- ▶ Cummerbund soft armor inserts
- ▶ Ballistic structured deltoid protectors
- ▶ Laser cut Hard Armor Shoulder Plates (HASP)\*
- ▶ Upgraded Advanced Shoulder Pad (UASP) system featuring 3D foam technology\*



BACK



RIFLE  
PLATES



## LCPC ACTIVE SHOOTER RESPONSE (ASR)

Where simplicity and high speed meet. The LCPC ASR is designed to fit most hard armor plates and soft ballistic plate backers. Whether you need certified ICW or Lo Vis special threat hard armor, the LCPC ASR will meet your requirements. This carrier gives the operator a lightweight laser cut platform made with today's newest and strongest materials. Patrol, Task Force, or Close Protection Detail, the LCPC ASR has you covered.

### STANDARD FEATURES

- ▶ Laser cut attachment platform
- ▶ 3D foam technology
- ▶ Front and Back ID placard attachment points
- ▶ Four point adjustment system with quick adjust side release buckle system
- ▶ Advanced Shoulder Pads (ASP)
- ▶ Bottom loading rifle plate pockets accommodate 10"x12" Shooters Cut Plates, or Medium SAPI/ESAPI
- ▶ Accepts soft ballistic plate backers

### OPTIONS & ACCESSORIES

- ▶ Removable sling catch
- ▶ Ballistic structured deltoid protectors
- ▶ Laser cut Hard Armor Shoulder Plates (HASP)
- ▶ Upgraded Advanced Shoulder Pad (JASP) system featuring 3D foam technology



## ASR FACTION

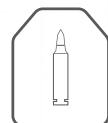
The Active Shooter Response (ASR) Faction is a one-size-fits-most plate carrier with an unsurpassed range of adjustment. It is a cost-effective tool to address large or small agencies looking for a plate carrier that fits the most common sized hard armor rifle plates, along with the widest range of body types.

### STANDARD FEATURES:

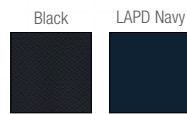
- ▶ Front and rear rifle plate pockets
  - ▶ MOLLE webbing platform on front and back for complete customization
  - ▶ Adjustable shoulder straps to ensure proper fit
  - ▶ Generous length side straps, adjustable with buckles for rapid donning/doffing
  - ▶ Front and back hook and loop ID placard attachment points
  - ▶ One size fits most
- 
- ▶ Optional removable sling catch
  - ▶ Optional ballistic structured deltoid protectors
  - ▶ Optional Hard Armor Shoulder Plates (HASP)
  - ▶ Optional Upgraded Advanced Shoulder Pad (UASP) with 3D foam technology



BACK



RIFLE PLATES



## ACTIVE SHOOTER RESPONSE (ASR) KIT

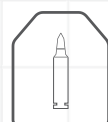
The MOLLE Active Shooter Response kit allows officers to rapidly up-armor with a plate carrier to increase their level of protection, addressing the potential threat of rifle or high-powered firearms.

### STANDARD FEATURES:

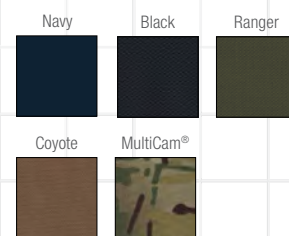
- ▶ 2 Level IV NIJ 0101.06 Stand Alone Plates
- ▶ MOLLE compatible carrier for attachment of additional equipment pouches
- ▶ Carrier with upgraded padded shoulder straps
- ▶ ID Placards for Front/Back of Carrier POLICE or SHERIFF
- ▶ Carry Bag
- ▶ Plate carrier rapidly dons over existing uniform and concealable vest for quick response
- ▶ Padded & channeled interior liner allows air flow for cooling and comfort
- ▶ Robust drag handle
- ▶ One size fits most
- ▶ Made in the USA



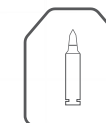
BACK



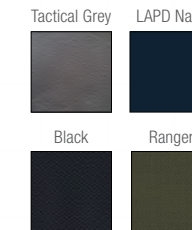
RIFLE PLATES



BACK



RIFLE PLATES



## RAPID BASE

The Rapid Base Plate Carrier offers a simple and effective tool for any active shooter scenario. Easy to put on and modular enough to carry any custom load-out, this vest gets the job done and fits nicely in both a cramped trunk as well as your budget. The plate pockets accommodate NIJ Level III and IV hard armor plates, capable of stopping centerfire rifle rounds, and is ideally placed over your soft lower level duty armor.

### STANDARD FEATURES:

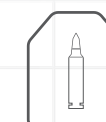
- ▶ Front and rear rifle plate pockets
- ▶ MOLLE webbing platform on front and back for complete customization
- ▶ Adjustable shoulder straps to ensure proper fit
- ▶ Side straps, adjustable with buckles for rapid donning/doffing
- ▶ Front and back hook and loop ID tag attachment points
- ▶ One size fits most

## RESPONDER BASE

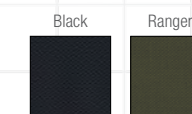
The Responder Base Plate Carrier provides a robust and layered platform for any active shooter response. With reinforced padding for extended duty, this rig is modular enough to handle your custom kit, while keeping you agile enough for any change in environment. The plate pockets accommodate Level III and IV hard armor plates, capable of stopping centerfire rifle rounds, and front utility pockets offer extra storage for needed gear.

### STANDARD FEATURES:

- ▶ Front and rear rifle plate pockets
- ▶ MOLLE webbing platform on front and back for complete customization
- ▶ Padded mesh inside lining for weight and pressure management
- ▶ Two front hook and loop pockets allow for extra magazines and storage
- ▶ Adjustable padded shoulder straps with padded mesh
- ▶ Reinforced carry handle
- ▶ MOLLE Cumberbund offers additional modularity and attachment points
- ▶ The removable & adjustable cumberbund comes in two sizes: XS-M (Fits chest Size 35-44) or L-2XL (Fits chest Size 42-52)



RIFLE PLATES



BACK

# TACTICAL





# LIGHTHAWK XT 3.0 ▶

(EXTENDED TACTICAL)



Shown here with optional NextGen Yoke/Collar assembly, NextGen Ballistic Throat, NextGen Ballistic Groin Protector, and Ballistic structured deltoid protectors

## ▼ EXTENDED - SCALABLE COVERAGE ▼

The Lighthawk XT 3.0 has taken its product family to the next level of superior design. Built on the widely accepted SPEAR BALCS ballistic cut, the XT 3.0 provides ample coverage while maintaining a more aggressive architecture. Improved carrier technology such as our 3D foam spacers for airflow, Upgraded Advanced Shoulder Pads and an interchangeable cummerbund system with quick release options make this a superior solution in the tactical entry world.

# LIGHTHAWK XT 3.0



ARMOR EXPRESS ▶ TACTICAL

- STANDARD FEATURES**
- ▶ SPEAR BALCS ballistic cut
  - ▶ Durable 500D nylon outer shell
  - ▶ Top loading external plate pockets accept 8"x10" (XS-S) and 10"x12" (M-4XL)
  - ▶ Front and back 3D foam technology
  - ▶ Upgraded Advanced Shoulder Pad (UASP) system featuring 3D foam technology
  - ▶ Shoulder routing system
  - ▶ Mic tabs
  - ▶ ID placard attachment points front and back
  - ▶ Front and back communication wire ports
  - ▶ Fully adjustable shoulders
- OPTIONS & ACCESSORIES**
- ▶ Cummerbund soft armor inserts
  - ▶ COBRA®, Alpha and Tubes® Dynamic Cummerbund upgrades
  - ▶ Optional zipper kangaroo pouch accessory
  - ▶ Laser cut Hard Armor Shoulder Plates (HASP)
  - ▶ Peraflex System Pouches for kangaroo and cummerbund
  - ▶ Ballistic structured deltoid protectors
  - ▶ Streamlined shoulder strap system
  - ▶ Accessory attachment points
  - ▶ Removable sling catch
  - ▶ Reinforced drag strap
  - ▶ Dynamic Cummerbund with soft armor pockets
  - ▶ Front kangaroo pouch
  - ▶ Ambidextrous utility pockets
  - ▶ Removable internal elastic cummerbund
  - ▶ Horizontal chest utility pocket
  - ▶ NextGen Ballistic Throat (see page 74)
  - ▶ NextGen Ballistic Groin Protector (see page 74)
  - ▶ NextGen Ballistic Yoke/Collar assembly (see page 74)

# TORC ▶

(TACTICAL OPERATIONS RESPONSE CARRIER)



## ▼ SUPERIOR MODULAR SYSTEM ▼

The Tactical Operations Response Carrier (TORC) is a multipurpose plate carrier system designed to meet the demands of today's Law Enforcement Operations & Tactical Teams. Its advanced design, ergonomic fit and low-profile architecture, all contribute to a true modular tactical body armor system. Both task force and tactical teams will benefit from this vest's scalability. Designed with utility in mind, the TORC offers plate carrier simplicity with options for ballistic protection add-ons.



## TORC

OPTIONAL BALLISTIC THROAT PROTECTOR - FULL OR LOW-PROFILE

REMOVABLE SLING CATCH

HYDRATION/COMMUNICATION TUNNEL ON SHOULDER STRAPS

OPTIONAL BALLISTIC YOKE/COLLAR ASSEMBLY WITH RETRACTABLE NAPE

OPTIONAL STRUCTURED BALLISTIC DELTOID PROTECTOR

BALLISTIC DYNAMIC CUMMERBUND

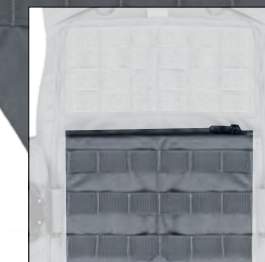
OPTIONAL COBRA® BUCKLE CUMMERBUND

FRONT KANGAROO POUCH

BOTTOM LOADING FRONT AND REAR RIFLE PLATE POCKETS, WITH EXPANDABLE 4-WAY STRETCH

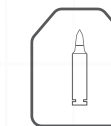


### REAR VIEW



Front kangaroo shown here with optional Peraflex System M16/M4 Triple Mag Pouch

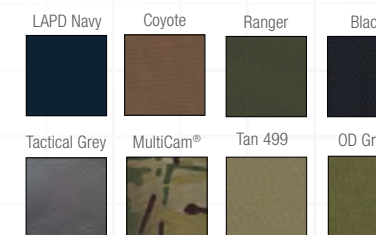
Optional Zipper Admin Pouch Accessory



RIFLE PLATES



TORC CUT



Coming 2020

\* Laser cut and 3D foam technology items not available in Tan 499

### STANDARD FEATURES

- ▶ Standard or Quick Release platform
- ▶ Hydration/Communication tunnel on shoulder straps
- ▶ Removable D-ring attachments
- ▶ Ballistic Dynamic Cummerbund with pockets
- ▶ Dynamic Cummerbund grip tabs
- ▶ Spacer mesh lining
- ▶ Admin/document pouch
- ▶ Front kangaroo pouch

- ▶ Non-skid shoulder weapon mount
- ▶ ID placard attachment points
- ▶ Reinforced drag strap
- ▶ Bottom loading front and rear rifle plate pockets, with expandable 4-way stretch
- ▶ Advanced Shoulder Pads (ASP)
- ▶ Removable sling catch
- ▶ Utilizes alpha sizing system

### OPTIONS & ACCESSORIES

- ▶ Ballistic yoke/collar assembly with throat and retractable nape protector
- ▶ Ballistic structured deltoid protectors
- ▶ Ballistic groin protector – enhanced or standard
- ▶ Ballistic lower abdomen protector
- ▶ Ballistic lower back protector
- ▶ Ballistic shoulder pad inserts
- ▶ Zipper admin pouch accessory
- ▶ Peraflex System Pouches for kangaroo and cummerbund
- ▶ COBRA®, Alpha and Tubes® Dynamic Cummerbund upgrades
- ▶ Laser cut Hard Armor Shoulder Plates (HASP)\*
- ▶ Upgraded Advanced Shoulder Pad (UASP) system featuring 3D foam technology\*

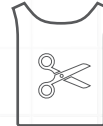
# SAU PLATE CARRIER



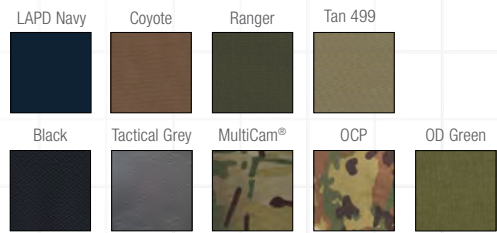
- ADVANCED SHOULDER PADS
- STREAMLINED SHOULDER STRAP SYSTEM
- ID TAG ATTACHMENT POINTS
- BOTTOM LOADING FRONT AND REAR RIFLE PLATE POCKETS, WITH EXPANDABLE 4-WAY STRETCH
- SAU CUMMERBUND ACCEPTS MULTIPLE WRAP OPTIONS, INCLUDING UTILITY, ARMOR, M4, AND RADIO
- FRONT KANGAROO POUCH



RIFLE PLATES



SAU CUT



\* Laser cut and 3D foam technology items not available in Tan 499  
 \*\* Laser cut platform not available in MultiCam®



REAR VIEW MOLLE

Armor Express worked directly with end-users, conducted multiple field tests and made modifications until the SAU met customer requirements. These modifications resulted in a streamlined, lightweight and modular plate carrier that exceeds today's criteria.

## STANDARD FEATURES

- ▶ Bottom loading front and rear rifle plate pockets, with expandable 4-way stretch
- ▶ Bottom loading front and rear pocket to accommodate foam pad or soft ballistic panel
- ▶ Removable Cummerbund with Utility Wrap and grip tabs
- ▶ Built in cummerbund elastic stretch
- ▶ Concealed, side release buckle system kit
- ▶ Available in MOLLE or Laser Cut platform
- ▶ Quad Ventilation Liner (QVL) System
- ▶ ID placard attachment points
- ▶ Reinforced drag strap
- ▶ Removable sling catch
- ▶ Advanced Shoulder Pads (ASP)
- ▶ Front kangaroo pouch
- ▶ Streamlined shoulder strap system
- ▶ Utilizes alpha sizing system



COBRA® ALPHA BUCKLE

## SAU OPTIONS & ACCESSORIES

- ▶ Peraflex System Pouches
- ▶ Armor Wrap with Ballistic inserts
- ▶ M4 Wrap
- ▶ Radio Wrap

\* Laser cut and 3D foam technology items not available in Tan 499  
 \*\* Laser cut platform not available in MultiCam®



QUAD VENTILATION LINER (QVL) SYSTEM



CONCEALED, SIDE RELEASE BUCKLE SYSTEM KIT

- ▶ COBRA® Alpha Quick Disconnect Cummerbund
- ▶ Ballistic structured deltoid protectors
- ▶ Laser cut Hard Armor Shoulder Plates (HASP)\*
- ▶ Upgraded Advanced Shoulder Pad (UASP) system featuring 3D foam technology\*

ARMOR WRAP WITH BALLISTIC INSERT

M4 WRAP AND UTILITY WRAP





## FEARLESS TACTICAL



REMOVABLE SHOULDER PADS INCLUDE MICRO-CELLULAR FOAM, BALLISTIC INSERTS AND AN ENCLOSURE FOR CABLES

4-POINT, QUICK-RELEASE SYSTEM

ID PLACARD ATTACHMENT POINTS FRONT AND BACK

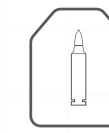
CAPABLE OF HOLDING MULTIPLE SIZE RIFLE PLATES AND SOFT ARMOR INSERTS

CUMMERBUNDS ARE CAPABLE OF HOLDING SOFT ARMOR PANELS



REAR VIEW

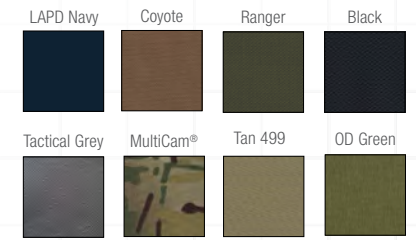
QUICK RELEASE



RIFLE PLATES



FEARLESS CUT



Coming 2020

\* Laser cut and 3D foam technology items not available in Tan 499

The Fearless Tactical carrier is an innovative plate carrier packed with all the top-of-the-line features. This adaptable and fully adjustable plate carrier provides optimal coverage without sacrificing mobility. Its armor compartments are capable of holding multiple size rifle plates as well as soft armor inserts. The Fearless Tactical carrier also features a 4-point, quick-release system that instantly drops the carrier, but can be reassembled in seconds.

### STANDARD FEATURES

- ▶ 4-point, quick-release system activated by engaging a trigger assembly located in the front center of plate carrier
- ▶ Quick-release mechanism functions independently and is not sewn or strapped into the carrier, allowing for the vest to be reassembled within seconds
- ▶ Cummerbund capable of holding soft armor panels
- ▶ Ergonomic shape offers optimal coverage without sacrificing mobility
- ▶ ID placard attachment points front and back
- ▶ Capable of holding multiple size rifle plates and soft armor inserts
- ▶ Removable shoulder pads include micro-cellular foam, ballistic inserts and an enclosure for cables
- ▶ Removable cummerbund has 2-point adjustment for optimal fit and a stiffener to allow for rapid donning and additional stability
- ▶ Covered drag handle

### OPTIONS & ACCESSORIES

- ▶ Ballistic structured deltoid protectors
- ▶ Laser cut Hard Armor Shoulder Plates (HASP)\*
- ▶ Removable sling catch
- ▶ Upgraded Advanced Shoulder Pad (UASP) system featuring 3D foam technology

# SRT - PADDED BATTLE BELT (SPECIAL RESPONSE TEAM)

LASER CUT

REAR VIEW



500 DENIER LAMINATED MATERIAL

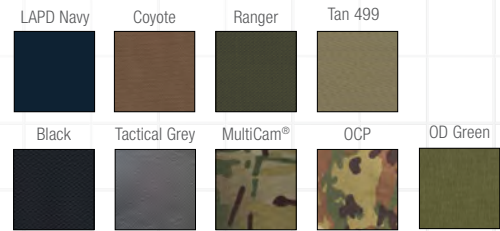
“CELLED” MOLLE FIELDS FOR “BELT OVER” ACCESSORY INTERFACE [HOLSTERS]

LUMBAR SUPPORT WITH 4-WAY STRETCH

3D SPACER MESH LINING

SUSPENDER COMPATIBLE

INCLUDED 1.75" RIGORS BELT WITH COBRA® BUCKLES BY AUSTRALPIN™



\* Laser cut items not available in Tan 499  
\*\* Laser cut platform not available in MultiCam®

The SRT tactical belt was built from countless hours of product testing and evaluation. It offers an effective and comfortable platform for the needs of today's modern tactical officers. Available in MOLLE and laser cut configurations, the SRT comes standard with a padded insert or it can be upgraded with a ballistic insert. Available in sizes XS-4X. The SRT tactical belt also includes a rigors belt with COBRA® buckles by AUSTRALPIN™



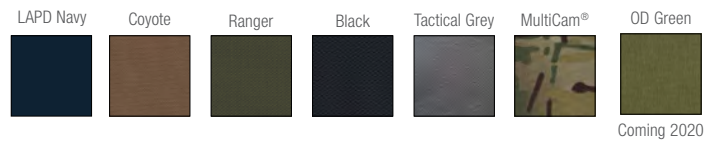
ARMOR EXPRESS ▶ TACTICAL

# ACCESSORIES



## NEXTGEN ACCESSORIES

The NextGen accessories offer optional extended coverage to a standard Armor Express Hard Core H3, Hard Core PT, or Lighthawk XT 3.0 carrier. Full components include NextGen Ballistic Yoke/Collar Assembly, NextGen Ballistic Throat, and NextGen Ballistic Groin Protector. Combine these accessories with one of our ballistic deltoid options and you've got a complete tactical ensemble.



NEXTGEN BALLISTIC  
YOKE/COLLAR ASSEMBLY

NEXTGEN BALLISTIC  
GROIN PROTECTOR

BALLISTIC STRUCTURED  
DELTOID PROTECTORS



NEXTGEN BALLISTIC THROAT

BALLISTIC MAX SLEEVE

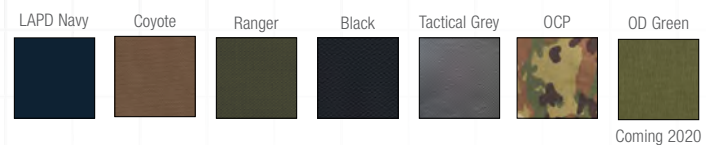


## HARD ARMOR SHOULDER PLATE (HASP)

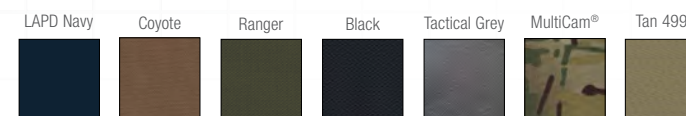
An ever-changing world calls for continuous updates in officer protection. The Hard Armor Shoulder Plate system, or HASP, is an advanced, lightweight, ballistic shoulder protection plate and carrier exclusive to the Armor Express product line. Available in Level IIIA, III, or III+ ballistic options, the HASP system offers added shoulder protection to your plate carrier or tactical kit. The HASP carrier was engineered with the latest laser cut material resulting in a durable, low-profile, reduced-weight product.

### STANDARD FEATURES

- ▶ HONEYWELL SPECTRA® CENTURION FABRIC
- ▶ 4 way stretch fabric for comfort fit
- ▶ ID/Patch attachment point
- ▶ Bottom loading



## ASP



The ASP (Advanced Shoulder Pad) acts as an upgrade or replacement shoulder pad. Compatible with select carriers with 2" wide shoulder straps.

### STANDARD FEATURES

- ▶ Foam padded
- ▶ Durable laser cut channeling on top
- ▶ Spacer mesh body facing surface

### OPTIONS / ACCESSORIES

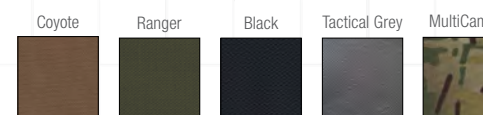
- ▶ Ballistic insert optional
- ▶ Compatible with Armor Express Sling Catch



ASP TOP

## UPGRADED ASP (UASP)

For the operator looking for even more comfort and weight distribution, the UASP is the shoulder pad of choice. The 3D Foam padding offers superior comfort, and the laser cut channeling can be used for wire management. Compatible with select carriers with 2" wide shoulder straps.



### STANDARD FEATURES

- ▶ Durable laser cut channeling on top
- ▶ 3D foam body facing surface

### OPTIONS / ACCESSORIES

- ▶ Ballistic insert optional
- ▶ Compatible with Armor Express Sling Catch



3D FOAM PADDED



POSITIONING



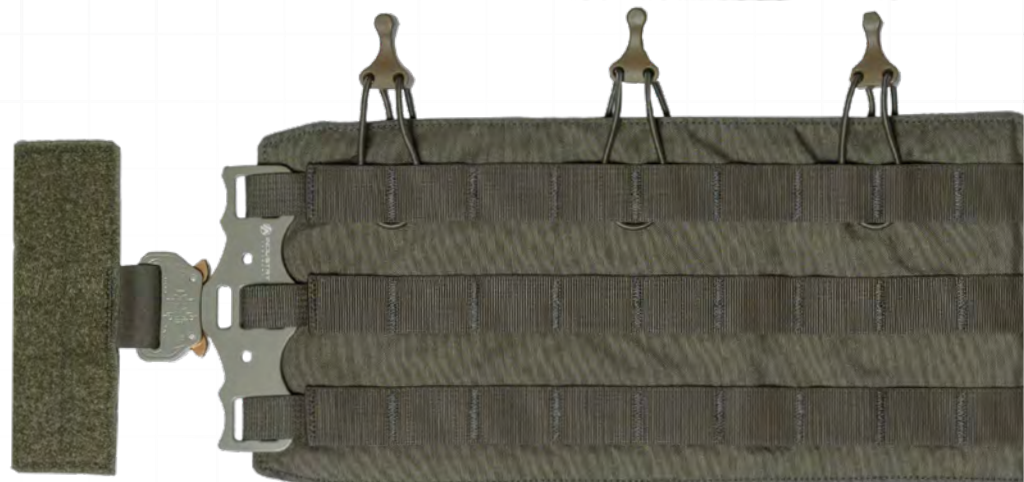
LASER CUT CHANNELING



**COBRA® DYNAMIC CUMMERBUND**



**COBRA® ALPHA DYNAMIC CUMMERBUND**



**TUBES™ DYNAMIC CUMMERBUND**



Inner Mag Pockets on COBRA® Alpha, and Tubes™ Cummerbund Upgrades



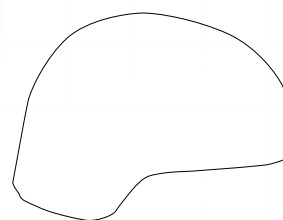
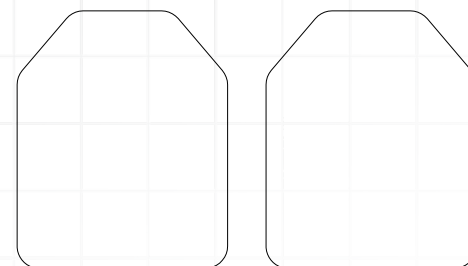
## DYNAMIC CUMMERBUND UPGRADES

Utilizing the latest innovative technology, Armor Express is proud to announce three cummerbund options for the most discerning operator. AE has partnered with two leading Quick Release (QR) manufacturers, AUSTRIALPIN™ and First Spear™, to offer new Dynamic Cummerbund QR solutions. Call for details on compatible carriers.



## FIRST RESPONDER BAG

Our padded First Responder Carry Bag is the ideal storage for your First Responder gear needed at the ready. Large enough to house your loaded out plate carrier kit and helmet, it can be quickly deployed for easy access - so you are ready to respond at a moment's notice.



First Responder Carry Bag dimensions: 25" x 24"



- ▶ First Responder Bag
- ▶ 6 Rows of MOLLE webbing
- ▶ ID attachment point
- ▶ 2 hard armor plate pockets on rear

## PERAFLEX SYSTEM POUCHES

M16/M4 SINGLE MAG POUCH



SINGLE PISTOL MAG POUCH

M16/M4 DOUBLE MAG POUCH



DOUBLE PISTOL MAG POUCH

M16/M4 TRIPLE MAG POUCH



SMALL ADJUSTABLE BUNGEE FLASHLIGHT

HANDCUFF SINGLE POUCH



IFAK SINGLE POUCH



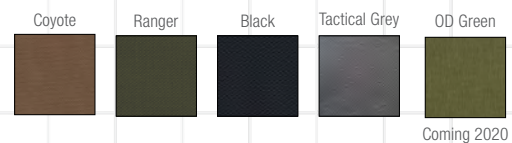
### PERAFLEX SYSTEM POUCHES

Streamlining your gear, minimizing bulk, and reducing weight is at the core of our Peraflex system pouches. They are specifically designed to work with select Armor Express tactical and overt patrol carriers. By transitioning the pouch enclosure to an internal system, we utilize the structure of the core vest to keep the Peraflex pouch construction to a minimum. Lightweight, yet strong and flexible, this line offers the flexibility to customize your kit, while adding very few ounces. Can be used in both front kangaroo or cummerbund configurations.

#### OUR PERAFLEX SYSTEM POUCH LINEUP INCLUDES:

- M16/M4 single mag pouch
- M16/M4 double mag pouch
- M16/M4 triple mag pouch
- Single pistol mag pouch
- Double pistol mag pouch
- Small adjustable bungee flashlight pouch
- Handcuff single pouch
- IFAK single pouch

← Lighthawk XT 3.0 shown here with Peraflex M16/M4 Triple Mag Pouch



▲ SAU Laser Cut Carrier shown here with Peraflex M16/M4 Double Mag Pouch



Peraflex pouches are slimline enough to secure your needed accessories inside the kangaroo or cummerbund on select vests without being too bulky, effectively removing clutter and snag points while also reducing weight



The selection of Peraflex Pouches allows you to streamline and customize your carrier



At Armor Express we are dedicated to bringing you the best options available. The First Spear® pouches are a top-of-the-line solution that will pair perfectly with our AE products.

**STANDARD FEATURES**

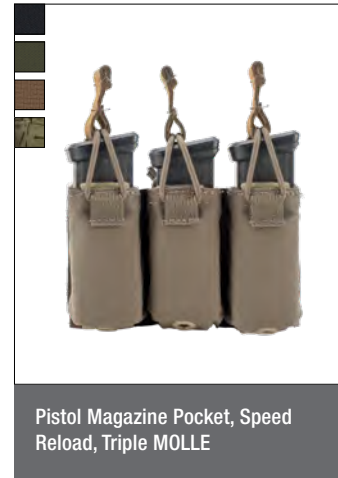
- ▶ Fade-resistant, moisture-repellent 500 Denier nylon
- ▶ Mil-Spec 1" PALS/MOLLE
- ▶ Adjustable hook and loop flaps for maximum sizing
- ▶ Reinforced stitching & tacking



Pistol Magazine Pocket, Speed Reload, Single MOLLE



Pistol Magazine Pocket, Speed Reload, Double, MOLLE



Pistol Magazine Pocket, Speed Reload, Triple MOLLE



Extended Pistol Mag



M4 Double Speed Reload with pistol pockets



M4 Triple Speed Reload with pistol pockets



MultiMag Rapid-Adjust™ Pocket



Speed Reload Insert Kit



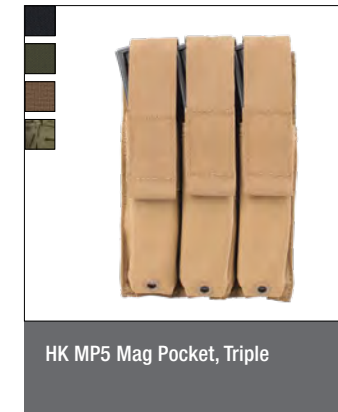
Patrol Radio Pouch



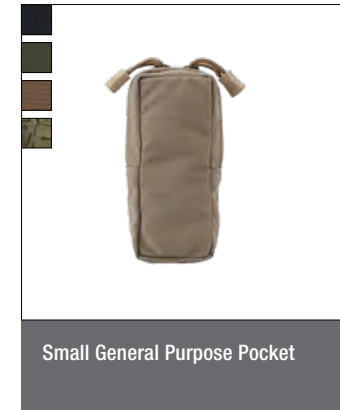
HK MP5 Mag Pocket, Single



HK MP5 Mag Pocket, Double



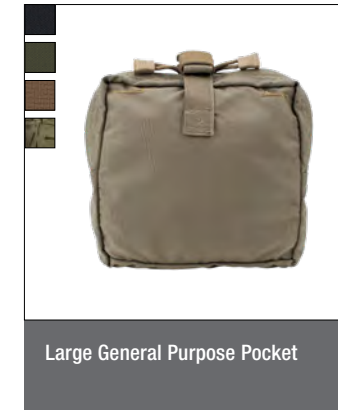
HK MP5 Mag Pocket, Triple



Small General Purpose Pocket



Medium General Purpose Pocket



Large General Purpose Pocket



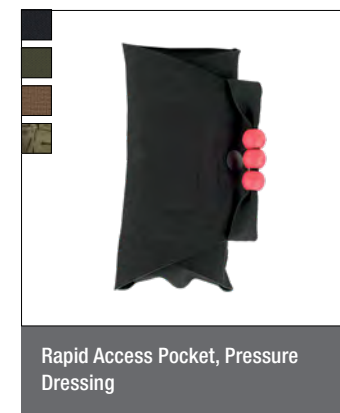
SSE Pouch



SOF Med Pouch



Ranger Med Pouch



Rapid Access Pocket, Pressure Dressing



Tourniquet Pouch



Handcuff Single Covered Pouch

# BASE POUCHES ▶

## MOLLE COMPATIBLE

### STANDARD FEATURES

- ▶ Fade-resistant, moisture-repellent 1000 Denier Nylon
- ▶ Mil-Spec 1" PALS/MOLLE
- ▶ Adjustable Hook and Loop Flaps for maximum sizing
- ▶ Reinforced Stitching & Tacking



PISTOL COVERED DOUBLE MAG POUCH



FLASHBANG COVERED DOUBLE POUCH



40MM GRENADE COVERED DOUBLE POUCH



M16/M4 COVERED SINGLE MAG POUCH



M16/M4 COVERED DOUBLE MAG POUCH



M16/M4 OPENTOP BUNGEE DOUBLE MAG POUCH



M16/M4 OPENTOP BUNGEE TRIPLE MAG POUCH



M16/M4 & PISTOL MAG KANGAROO SINGLE



M16/M4 & PISTOL MAG KANGAROO DOUBLE



RADIO ADJUSTABLE COVERED POUCH



UTILITY (5X5) MEDIUM POUCH FLAP TOP



FLASHLIGHT/MULTI-TOOL COVERED POUCH SMALL



TOURNIQUET SINGLE COVERED POUCH



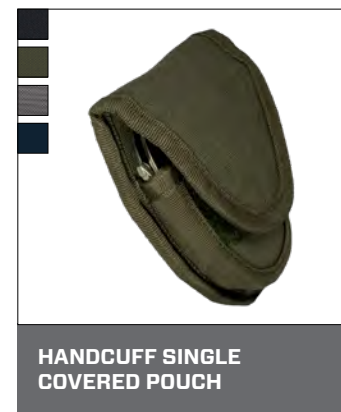
MP5 COVERED DOUBLE MAG POUCH



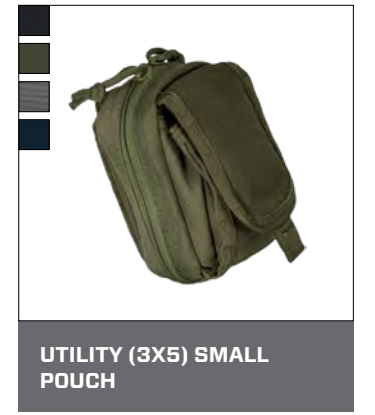
UTILITY (5X5) MEDIUM POUCH ZIP TOP



FLASHLIGHT/MULTI-TOOL COVERED POUCH MEDIUM



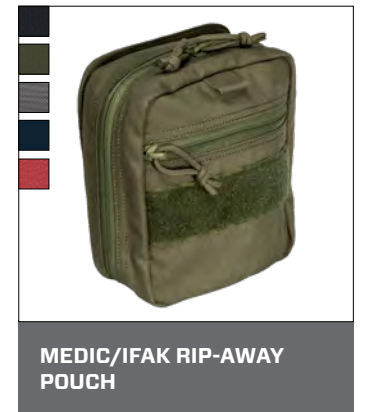
HANDCUFF SINGLE COVERED POUCH



UTILITY (3X5) SMALL POUCH



UTILITY (8X4) LARGE POUCH



MEDIC/IFAK RIP-AWAY POUCH



# FEDERAL LAW ENFORCEMENT





**USMS REVOLUTION (CONCEALABLE)**  
(VLT - IIIA SOFT ARMOR = NIJ 0101.06 CERTIFIED + SPECIAL THREAT PROTECTION)



**FEATURES**

- ▶ Loop field on front and back panels for ID attachment (Ranger Green Only)
- ▶ Front low-profile 5"x8" and 7"x9"/7"x10" plate pockets accommodate inserts for added protection (male) 5"x7" (female)
- ▶ Patented Easy Grip Side Straps®
- ▶ Fitted female carrier option
- ▶ BRAVO armor shape: **Deeper Underarm Curvature** - lessens abrasion and increases comfort - **Flatter Side Geometry** - increases overlap coverage - **Wider/Flatter Neck Scoop** - eliminates chafing and increases comfort - **Scaled Chest Width** - reduces bunching



BRAVO CUT

**SIEGE-R OPTIMIZED**

(VLT - IIIA SOFT ARMOR IN SPEAR/BALCS CUT, ALSO ACCOMMODATES RIFLE PLATES)



**FEATURES**

- ▶ SPEAR/BALCS armor cut
- ▶ Internal bellyband (removable)
- ▶ 6/12™ laser cut platform
- ▶ Rapid-release Tubes™ technology
- ▶ Loop field on front and back panels
- ▶ Shoulder Tube Cover Accessory
- ▶ Instant Access Back Panel for quick cummerbund adjustments
- ▶ 1"x4" IR patch (hook back) accessory for Drag Handle



RIFLE PLATES

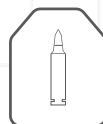
**STRANDHÖGG**

(RIFLE PLATE CARRIER)



**FEATURES**

- ▶ 6/12™ laser cut platform
- ▶ Rapid-release Tubes™ technology
- ▶ Loop field on front and back panels



RIFLE PLATES

**PLACARDS**



**PLATES**

- ▶ NIJ Certified 3611C Level III+ Hard Armor Plates
- ▶ Tested to stop:
  - 5.56 x 45 mm - M193 | Max Velocity 3150 ft/s (960 m/s)
  - 7.62 x 39 mm - M67 | Max Velocity 2390 ft/s (728 m/s)
  - 7.62 x 51 mm - M80 | Max Velocity 2800 ft/s (853 m/s)
  - 5.56 x 45 mm - M855/SS109 | Max Velocity 3150 ft/s (960 m/s)
  - 7.62 x 39 mm - M43 | Max Velocity 2390 ft/s (728 m/s)



**POUCHES**



M4 Double Speed Reload with Pistol Pockets



Handcuff Pouch, Single



Radio Pouch



REAR VIEW



CONCEALABLE



**KIT INCLUDES**

- LTST-III A Ballistic Panels
  - ▶ Set of Concealable Panels
  - ▶ Set of SPEAR/BALCS Cut
- Carriers
  - ▶ Concealable Carrier – Tan (White Black and Ranger Green Available)
    - ▶ Trauma Plate Pocket
    - ▶ 3" x 10" Loop on Chest of Front Panel and corresponding back for use with Hook Placards
  - ▶ Tactical Carrier
    - ▶ 500 Denier Fabric
    - ▶ MOLLE Webbing with integrated Loop on Upper Chest of Front Panel and Corresponding Rear Panel for Placarding
    - ▶ First Spear Tube System connections for rapid on and off
    - ▶ 2" wide Shoulder Straps adjustable with hook and loop closure
    - ▶ Level IIIA Shoulder Pads for comfort and added protection (Removable)
    - ▶ Internal Multiple Plate Pocket System to handle different size Ballistic Plates (8" x 10", 10" x 12", and 11" x 13")
    - ▶ Additional Accessories available for added Ballistic Protection

- Level IIIA Deltoid Pads (2)
- Level IIIA Groin Pad
- Level IIIA Yoke and Collar Assembly
- Level IIIA Throat Protection
- Pouches, Carry Bag and Plates



REAR VIEW



FEMALE

## DHS CCG

The carrier is constructed of soft, thin and breathable fabric providing maximum comfort to the end-user and eliminating bulges of traditional carriers. The carrier has an optional internal belly band allowing the operator greater adjustability and ensuring the proper positioning of their ballistic panels. The front and back of the carrier has a 6" wide loop attachment point along the bottom edge of the carrier to allow greater adjustability and comfort.

### STANDARD FEATURES

- ▶ Removable shoulder straps
- ▶ Removable side straps (either 4" or 2 sets of 1 ½" side straps)
- ▶ Front/back shirt tails
- ▶ Easy removal and insertion of ballistic panels, closing securely with hook/loop
- ▶ 6"x8" soft trauma pad included
- ▶ Available in male and female design
- ▶ Available in concealment shape or SPEAR BALCS cut panels



REAR VIEW



RIFLE PLATES

## DHS SOGC

The SOGC is intended to be worn over the duty uniform, providing a platform for soft armor and hard armor plates.

### STANDARD FEATURES

- ▶ Top loading plate pockets on the front and back of the carrier to accommodate an 8"x10" or 10"x12" rifle plate
- ▶ Additional trauma pad pocket in the front of carrier to accommodate a 6"x8" or 7"x9" trauma pad
- ▶ Shoulders are securely attached to the carrier
- ▶ Padded shoulders are included but are removable
- ▶ Carrier sides have an additional 3 rows of MOLLE webbing for securing additional equipment
- ▶ Carrier may be adjusted in the front and rear with no visible hook or loop exposed
- ▶ Internal cummerbund with maximum adjustability
- ▶ Drag handle located on the back of the carrier capable of dragging 250 lbs more than 25 feet
- ▶ Carrier made of 1000D Cordura
- ▶ ID placards may attach to a 6"x4" surface on the front of the carrier (placards not included)
- ▶ ID placards may attach to a 10"x6" for the back of the carrier (placards not included)
- ▶ Available in male and female design
- ▶ Available in concealment shape or SPEAR BALCS cut panels



REAR VIEW

## DHS FOGC

This carrier is intended to be worn over a dress uniform shirt and blend perfectly. The material is light yet durable, providing a clean, professional appearance.

### STANDARD FEATURES

- ▶ Shoulders are permanently connected
- ▶ FOGC has a side opening for adjustability
- ▶ Front of carrier has faux button down
- ▶ Front pockets are functional
- ▶ Easy removal and insertion of ballistic panels secured by hook and loop closure
- ▶ Carrier sides are affixed using a separate forward pull motion
- ▶ Front of the carrier has a 6"x8" or 7"x9" trauma pocket
- ▶ Available in male and female design
- ▶ Available in concealment shape or SPEAR BALCS cut panels



REAR VIEW



RIFLE PLATES

## DHS TOGC

The components of the quick release (Quad Release) system are hidden to provide a clean look. This carrier accepts accessory components including yoke, collar, throat protector, shaped deltoid protectors, lower back, and groin protector. The body side is made of a durable, lightweight nylon with a water-repellent surface. The carrier offers a snag-resistant concealed drag strap. The front of the garment has a removable dual trauma pocket for both 6"x8" and 7"x9" plates.

### STANDARD FEATURES

- ▶ Quick release system with 4 buckle attachment points for simplistic reconnection and wear
- ▶ Release system may be positioned on either the right or left shoulder
- ▶ Carrier will hold either concealable shape ballistic panel; male/female or SPEAR/BALCS panels
- ▶ Carrier designed to hold 10"x12" or 8"x10" hard armor plate
- ▶ Hidden drag handle located on rear of carrier



# MILITARY/DOD





REAR VIEW



RIFLE PLATES

## MSV GEN II

The Army MSV-GEN II includes both full Up Tactical and Concealable Vest components. It can be worn over the soldier's uniform and is made up of the Concealable Components inserted into the Tactical Carrier. The Concealable Components contain the soft ballistic panels for the MSV-GEN II and can be removed from the Tactical Carrier and worn separately as a complete Concealable Vest. Therefore, this vest can be transformed to Tactical or Concealable depending on mission requirements.

\*Not available for Commercial Law Enforcement Sales

### STANDARD FEATURES

- ▶ System design accommodates concealable and tactical vests
- ▶ Side-opening for EMT
- ▶ Emergency egress quick-release system
- ▶ Front tactical and side plate carriers utilize enhanced laser technology to reduce weight
- ▶ Back tactical carrier utilizes traditional MOLLE system
- ▶ Reinforced drag handle
- ▶ Full-wrap cummerbund style closure
- ▶ Removable/adjustable side plates
- ▶ Bottom load hard armor plate pockets
- ▶ Lightest ballistic fielded to date, .86PSF



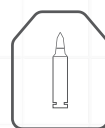
## BPP

The Blast Pelvic Protector (BPP) is the latest addition to the Soldier Integrated Protective Ensemble. The BPP design underwent a stringent multi-year development program. The BPP offers both 9mm and Fragmentation protection to the vital pelvic area.

\*Not available for Commercial Law Enforcement Sales

### STANDARD FEATURE

- ▶ 9mm and Fragmentation protection to the vital pelvic area

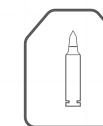


RIFLE  
PLATES

## ULV - ULTRA LOW VISIBILITY CARRIER

The Ultra-Low Visibility Concealed Body Armor Carrier is designed under their KDH brand for soldiers to accommodate soft and hard armor under the battle dress uniform shirt. The unique design features of the ULV enhance concealment and comfort. The Yoke Harness System replaces a traditional shoulder strap, creating a seamless transition to the upper back panel. This wider shoulder strap provides a more comfortable load distribution, making it feel significantly lighter. The system offers easy adjustability, comfort and maximum concealment.

\*Not available for Commercial Law Enforcement Sales



RIFLE  
PLATES

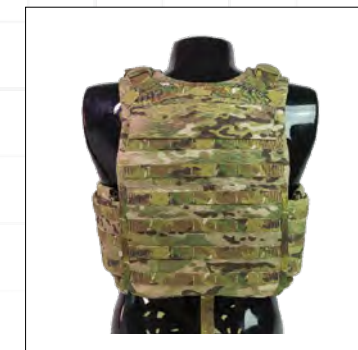
## SPC - SOLDIER PLATE CARRIER

The SPCS – Soldier Plate Carrier System is the U.S. Army Plate Carrier System currently issued to all combat troops in Afghanistan (over 60,000 units). This plate carrier/vest provides the soldier with a lightweight option to the standard issue IOTV vest and is designed to meet the requirements of troops working in high-altitude and rugged terrain. The system balances the fine line between coverage and mobility.

\*Available for Commercial Law Enforcement sales, minimum order quantity (MOQ) 500 units

### STANDARD FEATURES

- ▶ Unmatched comfort
- ▶ Highly adjustable for improved fit
- ▶ Cummerbund connects with side release buckles rather than Velcro for greater adjustability on the move and superior noise discipline
- ▶ Side plate protection pouches can be easily removed
- ▶ Single-handed emergency egress quick-release system
- ▶ Low-profile system
- ▶ Fits U.S. issue X-Small thru X-Large hard armor ESAPI plates
- ▶ Reinforced drag handle
- ▶ 360° MOLLE mounting surfaces
- ▶ IOTV groin and lower back protector compatible
- ▶ Provides IOTV specification soft ballistic protection
- ▶ Lightest weight military plate carrier on the market today with every objective and requirement met
- ▶ Protected by nGuard®: resistant to odor, microbes, fungi, mosquitoes, bed bugs, color fading
- ▶ Optional side straps allow the system to be used without the cummerbund



BACK



RIFLE  
PLATES

## IOTV GEN IV

The Improved Outer Tactical Vest (IOTV) is the replacement to the older Interceptor Body Armor (IBA) fielded by the U.S. Army. This vest has seen several revisions over the years based on real-world combat feedback. It is compatible with the ESAPI (Enhanced Small Arms Protective Insert) and ESBI Side-SAPI plates, as well as the Interceptor body armor's groin protector.

The IOTV has been the standard issued vest to all U.S. Army soldiers since 2006 and can be fully configured from a basic vest to a full-up system with groin protection, lower back protection, deltoid protection, and neck-throat protection.

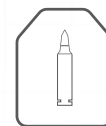
\*Available for Commercial Law Enforcement sales, minimum order quantity (MOQ) 500 units

### STANDARD FEATURES

- ▶ Modular components
- ▶ Increased MOLLE pouch locations
- ▶ Full-wrap cummerbund style closure
- ▶ Reinforced drag handle
- ▶ Removable/adjustable side plates
- ▶ Provides ability to don/doff vest in two ways
- ▶ Designed to reduce weight from the shoulders and move it to the lower torso
- ▶ 360° MOLLE webbing for equipment attachment
- ▶ Single-handed emergency egress quick-release system
- ▶ Flame resistant, durable 500 Denier Cordura outer carrier
- ▶ Size medium IOTV weighs 3.6 lbs less than the Interceptor's medium vest, while providing more coverage
- ▶ Removable ESBI/ESAPI – X-small side ballistic protection, which provide coverage under the arms and down the sides of the torso
- ▶ Includes a lower back protector designed to defeat fragmentation impacts to the lower back/kidney areas
- ▶ All ballistic panels are approved for combat use by the U.S. Military or can be outfitted with NIJ Level IIIA+ commercial ballistics
- ▶ Hard armor plates are designed to withstand a direct impact from a 7.62 millimeter (both NATO and ex-Soviet types) on the front and rear ESAPI plates as well as the ESBI Side plates
- ▶ Protected by nGuard®: resistant to odor, microbes, fungi, mosquitoes, bed bugs, color fading



BACK



RIFLE  
PLATES



## USMC PLATE CARRIER

The USMC Plate Carrier is the new U.S. Marine Corps plate carrier vest system. It consists of a cummerbund style main vest with the option of using IMTV groin and lower back protection. The system is designed to allow the Marine to scale the system dependent upon mission requirements. The PC is a 2-point cut away system, has fully integrated side protection, communication routing channels, and increased MOLLE attachment points. In addition to more efficient weight distribution, the PC gives the Marine the ability to use a plate carrier vest system instead of the larger IMTV vest. The PC also has optional lower back and groin protection and can be removed if not needed. Additional options include removable side plate pockets and a removable rifle bolster.

\*Not available for Commercial Law Enforcement Sales

### STANDARD FEATURES

- ▶ Overhead donning and doffing
- ▶ Side-opening for EMT
- ▶ Single-handed emergency egress quick-release system
- ▶ Quick attach/detach load carriage option
- ▶ Scalable modular components
- ▶ Reinforced drag handle
- ▶ Full-wrap cummerbund style closure
- ▶ Removable/adjustable side plates
- ▶ Plate carrier shaped ballistics
- ▶ Optional lower back and groin protection
- ▶ Integrated side armor plate pouches
- ▶ Integrated communication channels
- ▶ Rifle bolster allows for proper stock weld
- ▶ Improved closure strap system
- ▶ Accepts 7x8 ESBI side plates
- ▶ 2-point quick release system
- ▶ Multi-point adjustability
- ▶ 360° MOLLE mounting surfaces
- ▶ Durable Cordura outer carrier
- ▶ Side armor protection via cummerbund
- ▶ "Component-compatible" features
- ▶ Protected by nGuard®

# K9



# AGILE CANINE VEST ACV



- CROWD CONTROL HANDLE
- D-RING ATTACHMENT POINTS FOR SHORT OR LONG LEADS
- 3-DIMENSIONAL SPACER MESH LINING
- FRONT AND SIDE ID BADGE ATTACHMENT POINTS
- GPS TRACKING POCKET
- DYNAMIC CUMMERBUND AND SHOULDER FIT ADJUSTMENTS
- BELLY AND CHEST COVERAGE

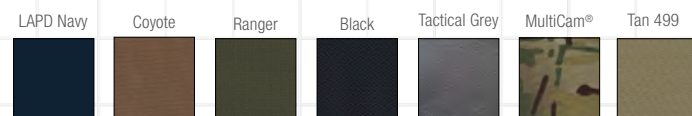
## HIDDEN ADJUSTABLE DYNAMIC CUMMERBUND



Designed over the past year based on feedback and testing by multiple agencies, the Agile Canine Vest or ACV is the most advanced K-9 carrier soft armor solution on the market. With groundbreaking features such as the hidden Dynamic Cummerbund, shoulder fit adjustments and covered zipper closure, the ACV is a streamlined package allowing the K-9 to be free in movement with minimal snag points; while offering the best armor options in ballistic and stab protection. Now available with the durable Boa® Fit System, which allows for instant micro-adjustments for a precise and custom fit. Patents pending.

### STANDARD FEATURES

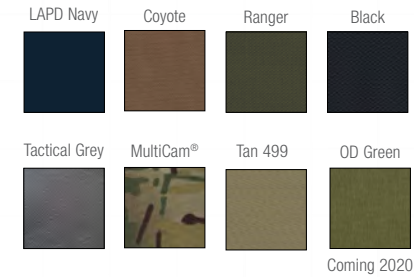
- ▶ 3-Dimensional spacer mesh lining
- ▶ In-line crowd control handle
- ▶ D-Ring attachment points for short or long leads
- ▶ Heavy duty zipper closure on top of vest
- ▶ Four points of adjustment
- ▶ Shoulder fit adjustment
- ▶ Hidden Dynamic Cummerbund
- ▶ Belly and chest coverage
- ▶ GPS tracking pocket
- ▶ Front and side ID badge attachment points
- ▶ Utilizes alpha sizing system



# ACV BOA®



## BOA®



FRONT



SIDE



BOA® FIT SYSTEM



BOA® FIT ADJUSTMENT DIAL



# HARD ARMOR

ARMOR EXPRESS ▶ HARD ARMOR



**Busch PROtective**  
USA

Busch PROtective broke the barrier and reached a superior level of ballistic protection for Federal and Domestic Law Enforcement and virtually all First Responders. The AMP-1 TP is the lightest and very first composite helmet to achieve VPAM (HVN-2009) certification through an independent European testing laboratory. In addition to being VPAM-Certified, the AMP-1 TP has been independently tested in the U.S. to meet the NIJ Level IIIA 0106.01 and 0108.01 ballistic & fragmentation standards.

Pursuant to the requirements by the Department of Justice (FBI, DEA, USMS & ATF), the AMP-1 TP is capable of stopping ballistic threats as close as .78" from the edge and multiple shots on a small surface area. In 2018, Busch PROtective also introduced ballistic bolts throughout the system, thus improving an already robust design and eliminating secondary fragmentation transfers.



**VPAM (VPAM-HVN-2009) CERTIFICATION**

VPAM (Vereinigung der Prüfstellen für angriffshemmende Materialien und Konstruktionen) is the Gold Standard of ballistic testing certification within Germany, Austria, and Switzerland. Required by special anti-terror, counter-terror and high speed police units within Europe, including Germany's GSG9 and SEK, this level of protection requires stringent ballistic testing which is specific to close quarter combat threats. These specialized units, are more at risk of being shot within the head region, due to the proximity and nature of their work.



**DEA-FBI BALLISTIC HELMET TESTING PROTOCOL (2019)**

The FBI & DEA BRF Helmet Testing Protocol, is the first and most comprehensive helmet testing program in the United States, since the voluntary testing criteria 0106.01 was published by the NIJ in December, 1981. Spearheaded by the FBI & DEA at the FBI Ballistic Research Facility in Quantico VA, the protocol has been issued as the gold standard for the US Department of Justice including FBI, DEA, USMS, and ATF.



Specifically designed to limit Agent susceptibility during a ballistic event, significant attention was focused on limiting energy transfer into the head in addition to standard penetration testing against the 9mm, 124gr reference round fired between 1375-1450 f/s. By limiting backface deformation in the most extreme environmental and technical conditions (mimicking what an agent may encounter in the field), the protocol promotes short term survivability, allowing the Agent to remain engaged should a ballistic/impact occur, as well as reducing potential Traumatic Brain Injury (TBI).





**AMH-2**  
Bump/Impact Training Helmet  
Shown with optional NVG Shroud



**AMP-1 E**



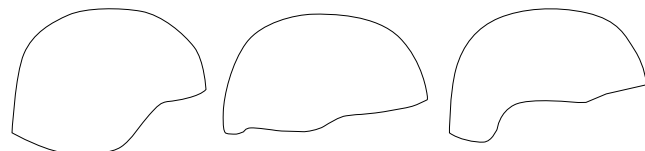
**AMP-1 TP**

All helmets are available with or without shrouds

Protection Level	Available Cuts			Sizing	Weight in Pounds*		
	High	Mid	Full		High	Mid	Full
AMH-2 Impact/Shock Absorption Tested to EN 397	•			Uni-Sized 52-62 cm	1.47	–	–
AMP-1 E IIIA / STANAG 2920   V50 2,132 f/s Tested to NIJ-STD 0106.01 IIIA and NIJ-STD 0108.01	•	•	•	Uni-Sized 52-62 cm	2.8	2.9	3.0
AMP-1 TP VPAM / STANAG 2920 IIIA / V50=2,176 f/s Tested to NIJ-STD 0106.01 IIIA and NIJ-STD 0108.01	•	•	•	Uni-Sized 52-62 cm	3.5	3.6	3.7

\*Weights include rails, harness and all inside equipment

**HELMET CUTS**



ACH Full Cut      ACH Mid Cut      ACH High Cut

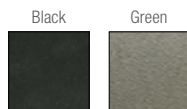


All helmets are equipped with a hot swappable chinstrap system



All helmets come with rails, an advanced padding system, and a wheel dial for ultimate sizing flexibility

**AMP-1 E and AMP-1 TP Colors**



**AMH-2 Bump/Impact Training Helmet Colors**



**BUSCH HELMET ACCESSORIES**

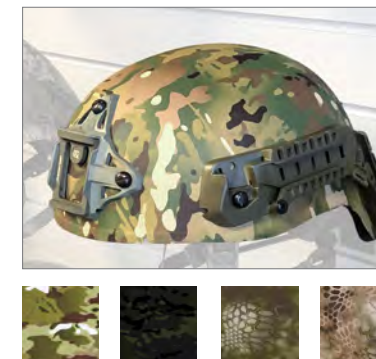
- ▶ Non Ballistic Impact Visor (impact tested to 100 Joules)
- ▶ Fragmentation Visor (STANAG 2920 - 1,082 f/s)
- ▶ NIJ Level IIIA Ballistic Visor (9mm/44 Mag)
- ▶ VPAM Ballistic Visor
- ▶ 3-Hole NVG Shroud (AA or Wilcox)
- ▶ Helmet Cover Black or Green
- ▶ Helmet Hook and Loop Kit
- ▶ Helmet Counter weight Kit
- ▶ Visor protective cover
- ▶ Side-rail adapter
- ▶ Hydro dip patterns available
- ▶ Peltor™ adapter
- ▶ Visor attachment mount
- ▶ Picatinny Rail Accessory Adapters



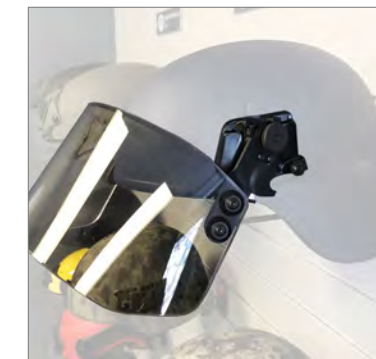
**BUSCH HELMET ACCESSORIES**



Helmet Cover and Counter Weight



Hydro dip patterns available: Multicam®, Multicam® Black, Kryptek™ Mandrake, and Kryptek™ Highlander



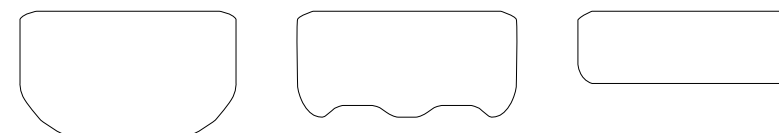
Visor Attachment Mount

**BUSCH PROTECTIVE VISORS**

MODEL	TYPE	PROTECTION LEVEL	LENGTH	WEIGHT
BAV-CN	Ballistic	9mm/44Mag – Multi shot & STANAG 2920 V50 2427 fps	6 in	3.1 lbs
BAV-CN (Short Cut)	Ballistic	9mm/44Mag – Multi shot & STANAG 2920 V50 2427 fps	3.6 in	2.2 lbs
BAV-TP	Ballistic	9mm VPAM – Multi shot & STANAG 2920 V50 2427 fps	6 in	3 lbs
BAV-FS	Fragmentation	STANAG 2920 V50 1082 fps	6 in	1.1 lbs
CAV-PC	Blunt Impact	Drop Tested to 100 Joules	6 in	1 lbs
CAV-PC (Short Cut)	Blunt Impact	Drop Tested to 100 Joules	4 in	0.8 lbs



Busch PROtective visors come in a variety of styles, cuts and cut lengths



Standard Cut      Wave Cut      Short Cut



# AEX35



REAR VIEW      SIDE VIEW      ADJUSTMENT AND PADDING SYSTEM



The AEX35 is a cost-effective Aramid Level IIIA ballistic helmet Tested to the NIJ standard. It is an ACH full cut designed specifically with the patrol officer in mind. The bolt-less shell offers superior protection and the harness and padding system fits sizes S-XL.

### STANDARD FEATURES

- ▶ Bolt-less shell design
- ▶ Proprietary quick release harness detachment system
- ▶ Stocked helmet for immediate purchase
- ▶ ACH Full Cut
- ▶ Aramid composition
- ▶ 3.25 lbs
- ▶ One-size-fits-most (S-XL)
- ▶ Fully adjustable helmet
- ▶ Patents pending

# NOD'S GARAGE

The NOD's Garage is the padded case for your helmet mounted night vision device or related accessories. By utilizing the interior space and protection of the operator's helmet, the NOD's Garage makes the most out of limited load-out space. Includes ID badge and name tape attachment points, along with a removable divider.



ZIPPERED, PADDED CASE FOR EXPENSIVE NVG'S, OR CAN BE USED AS A GP POUCH FOR HELMET-RELATED ITEMS/ACTIVITIES [GLOVES, GLASSES, EAR-PRO, BATTERIES, ETC.]

500 DENIER CONSTRUCTION

HOLDS BOTH SINGLE AND DUAL TUBE NVG'S [AN/PVS-14, AN/PVS-31, MUMS, ETC.]

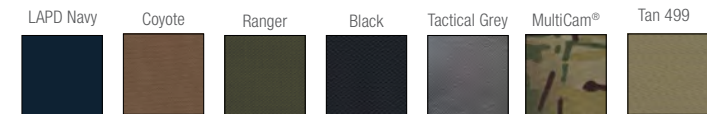
TAPERED SIDE WALLS FOR BETTER FIT INSIDE HELMETS



FITS INSIDE MOST HELMETS



IN HELMET STORAGE



# HELMET HUT BY FIRST SPEAR

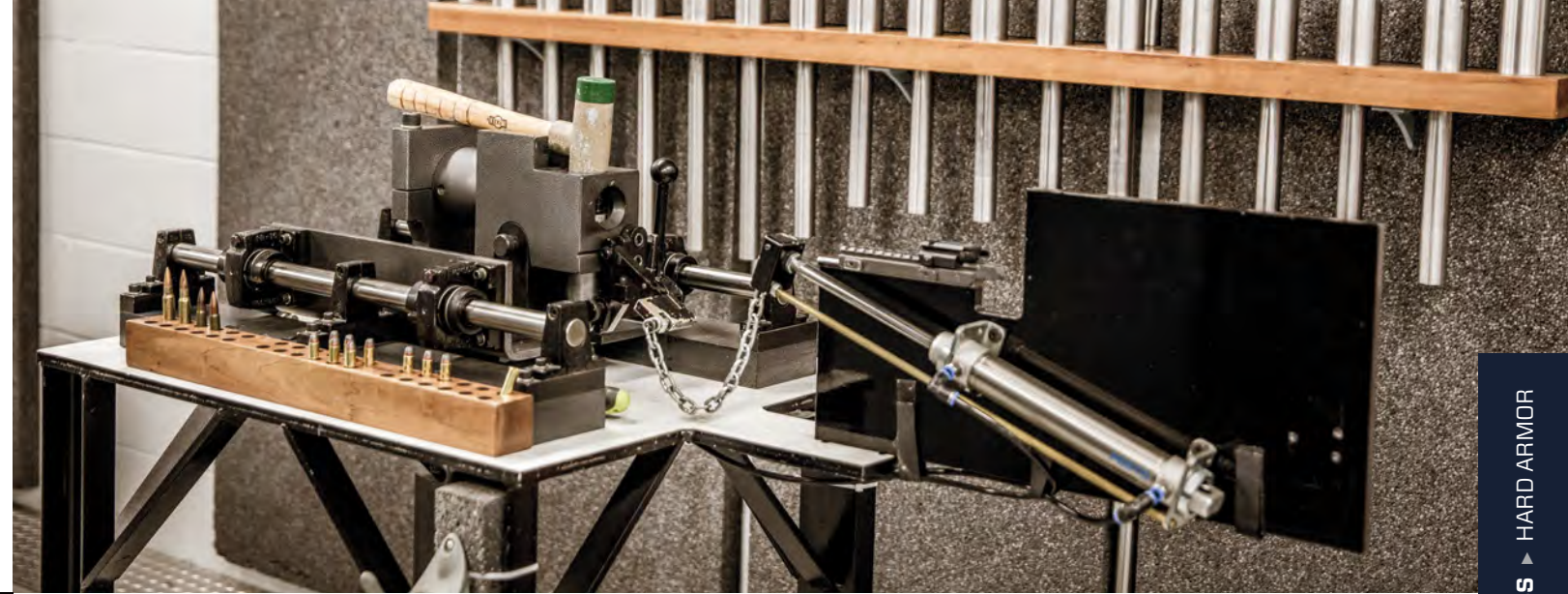


The Helmet Hut by First Spear makes a perfect companion to the Armor Express tactical line of helmets and accessories. The Helmet Hut is a storage and transportation system for your helmet. Padded for protection and with internal pockets for organization, the Helmet Hut easily accommodates various size helmets, night vision & communications. A retention strap secures your helmet in place. Space is also available for eye protection and IFF components. The bag has a handle and also attachment points for a carry sling.

# HARD ARMOR ▶

## RIFLE PLATES

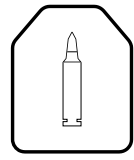
Whether it is a Level IV plate designed to stop a single armor-piercing round, a Level III plate built for multiple hits from common street rounds, or a special threat option paired with soft ballistics to keep you agile and protected, we've got you covered.



### PARTNERS



# RIFLE PLATES

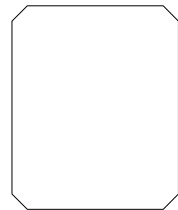


RIFLE PLATES

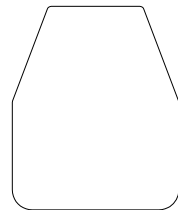
	ARMOR EXPRESS RIFLE PLATES	GENERAL DESIGN AND CERTIFICATIONS							BALLISTIC ROUNDS TESTED														PLATE SPECIFICATIONS AND SIZING																		
		CONFIGURATION	CURVE	CONSTRUCTION	INDEPENDENT LAB TESTED	NIJ 2005 IR CERTIFIED	NIJ 0101.06 CERTIFIED	WARRANTY (YRS)	7.62x39mm M67 (FMJ Ball)	7.62x39mm M43 (MSC)	7.62x39mm API	7.62x51mm (M-80 Ball)	7.62x51mm (M80A1)	7.62x51mm (M61 AP)	7.62x54R (LPS)	7.62x54R B-32-API	5.45x39mm 7N6 (MSC)	5.56x45mm (M193 Ball)	5.56x45mm (M855 / SS109)	5.56x45mm (M855A1)	7.62x63mm - JSP	7.62x63mm AP M2	Thickness (Inches)	Weight 10x12 Shooters Cut or *Medium SAPI	5x7	5x8	6x6	6x8	7x8	7x9	7x10	8x10	10x12	Trimmed	SAPI/ESAPI	Shooters					
Special Threat Stand Alone (SA)	C-Shock	Special Threat SA	Multi	Ceramic / Composite	•		5	•	•	•							•	•				0.55	4.80 lbs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	H-Shock	Special Threat SA	Single	Ceramic / Composite	•		5	•	•	•							•	•				0.59	5.50 lbs	✓	✓	✓	✓		✓	✓	✓	✓	✓				✓	✓			
	H-Shock UL	Special Threat SA	Multi	Advanced Ceramic / Spectra	•		5	•	•	•							•	•	•			0.56	3.90 lbs							✓	✓				✓	✓		✓	✓		
	TenCate CR6450	Special Threat SA	Multi	Ceramic / Composite	•		5	•	•	•						•	•	•	•			0.55	4.30 lbs							✓	✓	✓	✓	✓	✓				✓	✓	
III ICW	TenCate CR6000 III+ ICW	Level III+ ICW	Multi	Ceramic / Composite	•		5				•							•			0.90	4.30 lbs									✓	✓	✓	✓				✓	✓		
III SA	Harrier III SA	Level III SA	Single	Tensylon			5	•	•		•						•					1.20	3.20 lbs									✓	✓	✓				✓	✓		
	Harrier UL III SA	Level III SA	Multi	Spectra			5	•	•		•						•					1.20	2.80 lbs									✓	✓	✓	✓				✓	✓	
	Tencate CR3600 SA	Level III SA	Multi	UHMWPE			5	•	•		•						•					1.07	2.20 lbs			✓	✓	✓					✓	✓	✓	✓				✓	✓
	Abrams H UL III SA	Level III SA	Multi	Spectra			5	•	•		•						•					1.00	2.20 lbs									✓	✓	✓	✓				✓	✓	
III+ SA	Harrier III+ SA	Level III+	Single	Ceramic/Composite			5	•	•	•	•						•	•				1.10	5.80 lbs									✓	✓						✓	✓	
	TenCate CR3200 SA	Level III+	Multi	Ceramic/UHMWPE			5	•	•		•						•					1.10	4.75 lbs			✓	✓	✓					✓	✓	✓	✓				✓	✓
	Abrams H III SA	Level III+	Multi	Advanced Ceramic / Spectra			5	•	•		•						•	•				1.00	3.90 lbs									✓	✓				✓	✓		✓	✓
IV SA	Harrier IV SA	Level IV SA	Single	Ceramic/Composite			5	•	•	•	•			•	•		•	•				0.83	7.40 lbs									✓	✓						✓	✓	
	Guardian 4s17	Level IV SA	Single	Ceramic/Composite			10	•	•	•	•			•	•		•	•				0.95	7.20 lbs	✓	✓	✓	✓					✓	✓	✓	✓				✓	✓	
	TenCate CR4400 SA	Level IV SA	Multi	Ceramic/Composite			5	•	•	•	•			•	•		•	•	•			1.10	7.21 lbs			✓	✓					✓	✓	✓	✓				✓	✓	
	Abrams H IV SA	Level IV SA	Multi	Ceramic/Composite	•		5	•	•	•	•						•	•				1.04	4.90 lbs									✓	✓				✓	✓		✓	✓
Steel III+ SA	Triton	Level III+ / DEA	Single	High-Hard Steel			10	•	•		•						•	•				0.21	6.37 lbs		✓	✓	✓		✓			✓	✓	✓				✓	✓		
	Guardian AR1000	Level III+ / DEA	Single	Advanced Armor Steel			10	•	•		•						•	•				0.35	5.90 lbs	✓	✓	✓	✓					✓	✓	✓	✓				✓	✓	

Level III - Tested to stop SIX rounds of 7.62 mm FMJ, steel jacketed bullets (M80) at a velocity of 847 m/s ± 9.1 m/s (2780 ft/s ± 30 ft/s). Level IV - Tested to stop ONE round of .30 M2 AP (Armor-Piercing) at 878 m/s ± 9.1 m/s (2880 ft/s ± 30 ft/s) for NIJ 0101.06

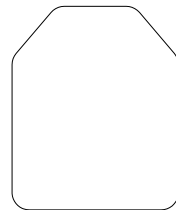
## ARMOR EXPRESS RIFLE PLATE CUTS



TRIMMED



SHOOTERS



SAPI/ESAPI



Manufactured from some of the strongest and lightest materials found on this planet, our plate selection offers modularity, protection, and size options for any threat you may encounter.



# R1

The R1 is the new standard in lightweight, rifle-rated Level III ballistic shields. Utilizing hybrid ballistic technology which minimizes weight while increasing protection, the operators now have rifle protection at their fingertips. The R1 comes in two sizes to fit the needs of today's operators. Whether deploying from a squad car, armored vehicle, or raid van, the R1 is your go-to, mobile rifle-threat protection for highly volatile situations. The shape of the R1 gives the user a lightweight, ambidextrous, covered platform allowing for the use of either a handgun or long gun. The reduced weight of the R1 allows operators to engage threats and obstacles with less fatigue and greater success.

## STANDARD FEATURES

- ▶ Black Polyurea Spray Coating
- ▶ Hybrid Composite Ballistic Construction
- ▶ Ambidextrous Straight Bar Handle
- ▶ High Strength Forearm Strap
- ▶ Closed cell Ambidextrous Foam Forearm Pad
- ▶ NIJ 0108.01 Rated III

R1 Standard Sizes, Level III		
Size	Weight	Configuration
18"x24"	14 lbs	No viewport
20"x30"	19 lbs	No viewport
(*) Weights are approximate		

7.62 x51mm 147gr. M80 Ball 2750 +- 50 fps  
 7.62x39mm 123gr. M67 Ball Lead Core / M43 Mild Steel Core  
 5.56x45mm X193

## OPTIONAL FEATURES

- ▶ Retro Single Switch Fox Fury 600 Lumen LED Light System with Strobe – 1.1lbs.
- ▶ Removable Agency ID Placard
- ▶ Carry Bag

# R1+

The newest member of our shield offering. Utilizing the latest ballistic technology, we offer the R1+ with the original R1 Level III ambidextrous shape. Now operators can feel the confidence of Level III rifle protection by including 5.56x45mm M855/SS109 Green Tip to the threat matrix.

## STANDARD FEATURES

- ▶ Black Polyurea Spray Coating
- ▶ Hybrid Composite Ballistic Construction
- ▶ Ambidextrous Straight Bar Handle
- ▶ Durable Edge Wrap Protection
- ▶ High Strength Forearm Strap
- ▶ Closed cell Ambidextrous Foam Forearm Pad
- ▶ NIJ 0108.01 Rated III

R1+ Standard Sizes, Level III+		
Size	Weight	Configuration
18"x24"	16 lbs	No viewport
20"x30"	22 lbs	No viewport
(*) Weights are approximate		

7.62 x51mm 147gr. M80 Ball 2750 +- 50 fps  
 7.62x39mm 123gr. M67 Ball Lead Core / M43 Mild Steel Core  
 5.56x45mm X193/M855/SS109

## OPTIONAL FEATURES

- ▶ Retro Single Switch Fox Fury 600 Lumen LED Light System with Strobe – 1.1lbs.
- ▶ Removable Agency ID Placard
- ▶ Carry Bag



# M1

The M1 is the future of Level IIIA ballistic shields. Hybrid ballistic technology minimizes weight while increasing protection. The shape of the M1 gives the user greater coverage, while allowing for multiple shooting platforms with handgun or long gun. Keeping the weight down allows operators to engage threats and obstacles with less fatigue. The rear of the M1 is covered in loop, allowing for operators to place mirrors, entry tools and other necessary equipment at arm's reach, while still being able to remain behind the protection of the shield.

## STANDARD FEATURES

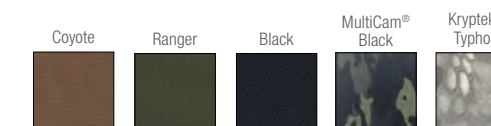
- ▶ Black Textured Nylon Face / Loop Body
- ▶ 5"x11" Viewport
- ▶ Hybrid Composite Ballistic Construction
- ▶ Ambidextrous Straight Bar Handle
- ▶ Durable Edge Wrap Protection
- ▶ High Strength Forearm Strap
- ▶ Closed cell Ambidextrous Foam Forearm Pad
- ▶ NIJ 0108.01 Rated IIIA

## OPTIONAL FEATURES

- ▶ 1100 lumen Fox Fury LED Light System with Strobe integrated handle – 1.1lbs.
- ▶ Elzetta Tridextrous handle with or w/o integrated 1000 lumen light
- ▶ Elzetta horizontal handle with or w/o integrated 1000 lumen light
- ▶ Removable Agency ID Placard
- ▶ Carry Bag
- ▶ CORBOND ID Label

M1 Standard Sizes, Level IIIA		
Size	Weight	Configuration
18"x30"	6.5 lbs	No viewport
18"x30"	12.5 lbs	Viewport
24"x36"	15 lbs	Viewport
24"x36"	16 lbs	Viewport and Light
24"x48"	17 lbs	Viewport and Light
(*) Weights are approximate		

44 Mag 240gr. SWC-GC 1400 +-50 fps  
 9mm 124gr. FMJ 1400 +-50 fps



## OPTIONAL FEATURES

- ▶ 1100 lumen Fox Fury LED Light System with Strobe integrated handle – 1.1lbs.
- ▶ Elzetta Tridextrous handle with or w/o integrated 1000 lumen light
- ▶ Elzetta horizontal handle with or w/o integrated 1000 lumen light
- ▶ Removable Agency ID Placard
- ▶ Carry Bag
- ▶ CORBOND ID Label

# S1

The S1 is far from your standard Level IIIA ballistic shield. Like the M1, the S1 utilizes the same hybrid ballistics which minimize weight while increasing protection. The time-tested, rectangular shape has been the standard for providing max coverage for the operator. The rear of the S1 is covered in loop, allowing for operators to place mirrors, entry tools and other equipment within arm's reach, while maintaining the protection of the S1.

## STANDARD FEATURES

- ▶ Black Textured Nylon Face / Loop Body
- ▶ 5"x11" Viewport
- ▶ Hybrid Composite Ballistic Construction
- ▶ Ambidextrous Straight Bar Handle
- ▶ Durable Edge Wrap Protection
- ▶ High Strength Forearm Strap
- ▶ Closed cell Ambidextrous Foam Forearm Pad
- ▶ NIJ 0108.01 Rated IIIA

44 Mag 240gr. SWC-GC 1400 +-50 fps  
 9mm 124gr. FMJ 1400 +-50 fps

M1 Standard Sizes, Level IIIA		
Size	Weight	Configuration
16"x20"	4 lbs	No viewport
18"x30"	8.5 lbs	No VP or Light
18"x30"	13 lbs	Viewport
24"x36"	16 lbs	Viewport
24"x36"	17 lbs	Viewport and Light
24"x48"	19 lbs	Viewport and Light
(*) Weights are approximate		

