

Ballistic Helmets



Spec Ops DELTA

The SPEC OPS DELTA helmet is the latest addition to our special operator helmet range. It is made from advanced Aramid composites and provides lightweight robust protection from ballistic and fragmentation projectiles as well as other low energy threats.

This helmet is fitted with the latest impact absorption system from Team Wendy, THE EPIC AIR SYSTEM. It comes standard with our 4 point, BOA chinstrap (for improved helmet dimensional stability over standard H harnesses) and quick release split suede chin strap. The universal night vision mount, picatinny rails system, bungees and velcro patches are standard issue.

Protection level

NIJ 0106.01 Level IIIA, HP White 0401.01B Level IIIA and exceeds US mil spec for ACH helmet for 2, 4, 16, 64, 17 grain fragments.

Weight 2.6 - 2.8 lbs



Spec Ops DELTA Cover



Spec Ops DELTA Mid - Cut

BOA® Chinstrap - Dial Adjust

The BOA® Chinstrap - Dial Adjust is the first stand-alone chinstrap to feature dial-adjustable fit. The BOA® Closure System provides the ultimate in stability, adjustment and fit while remaining lightweight and durable. The BOA® System responds to the dynamic loading conditions of a modern combat helmet. It is capable of withstanding the additional weight of headborne accessories while maintaining balance and stability.



Helmet Size Chart and Color Swatch



Size	Head Sizes:	Circ	Hat
	cm	in	
Small	50-56	19-22	5½ - 6½
Medium	54-59	21-23	6 1/2- 7 1/4
Large	57-64	22-25	7 - 8
X-Large	61-66	24-26	71/2 - 81/2

SPRINT

The SPRINT is United Shield's high cut low profile Special Operators helmet. It comes equipped standard with a high impact pad liner system complete with our proprietary 4 point multi-adjustable X harness (for improved helmet dimensional stability over standard H harnesses) and quick release split suede chinstrap. In addition, it includes factory fitted picatinny side rails providing a solid platform onto which accessory attachments, such as cameras and flashlights, can be quickly and easily mounted and also includes an integrated universal night vision goggle mount.

Protection level

NIJ 0106.01Level IIIA, HP White 0401.01B Level IIIA and exceeds US mil spec for ACH helmet for 2, 4, 16, 64, 17 grain fragments.

Weight 2.5 - 2.7 lbs



ACH-MICH

The ACH-MICH helmet was designed to replace the in-service PASGT helmet. The ACH-MICH helmet features a reduced weight, higher cut at the back and sides and removal of the front peak. This new low profile helmet provides excellent compatibility with communications equipment, gas masks and helmet mounted night vision goggles. The helmet is tested to and exceeds the US ACH mil spec for 2,4,16,64 and 17 gr fragments.

Protection level

NIJ 0106.01 Level IIIA, HP White 0401.01B Level IIIA and exceeds US mil spec for ACH helmet for 2, 4, 16, 64, 17 grain fragments

Weight

2.7 - 2.98 lbs

Available Configurations

Both the ACH-MICH and ACH-MICH MID-CUT helmets come in either a US MIL Std or US LE (Law Enforcement) version. ACH-MICH-MIL and ACH-MICH-MIL MID-CUT come equipped with 7 pad suspension system, ACH-MICH-LE and ACH-MICH-LE MID-CUT come equipped with our standard Omega mesh harness system.



Omega Harness



Pads System



ACH-MICH Mid - Cut with Optional NVG Mount and Picatinny Rails



PST SC650

The PST SC650 helmet is a general duties helmet suitable for military and police tactical use. The helmet is constructed from para-aramid material and provides lightweight, robust protection from ballistic and fragmentation projectiles and other low energy threats .The latest harness design offers a stable and comfortable fit with individual adjustment capability. This 4 point harness is anchored to the shell with ballistic resistant bolts.

Protection level

NIJ 0106.01 Level IIIA, HP White 0401.01B Level IIIA

Weight

2.9 - 3.2 lbs

SPEC OPS

The SPEC OPS helmet is specifically designed for high speed law enforcement and military teams. The unique shape provides for unparalleled peripheral vision, uninhibited hearing and adaptability to communications gear. This helmet features our standard 4 Point H retention system with our Omega mesh harness.

Protection level

NIJ 0106.01 Level IIIA, HP White 0401.01B Level IIIA

Weight

2.3 - 2.5 lbs





SRS Bump Helmet

The SRS Bump helmet offers protection against blunt impact. The unique shell provides for outstanding shock and impact resistance when combined with our high performance 7 pad impact system.

The SRS Bump helmet comes standard with side picatinny rails and universal NVG mount. Bungee attachments from the rails to the NVG mount add stability to the night vision goggles when attached. This helmet comes with our new BOA chinstrap for increased dimensional stability, wear ability and operator comfort.

Helmet Accessories

- Helmet Bag
- Helmet Cover
- Neck Protector



- Riot Face Shield
- DK5h.150 (6" and 8")
- DK6h.150 (6" and 8")



- Ballistic Face Shield IIIA
- Retro Fit Face Shield IIIA

Ballistic Shields



Level IIIA Shields

The United Shield range of NIJ Level IIIA ballistic shields incorporates the latest materials, technology, lightweight design and a handle system that has been ergonomically refined over a number of years.

These shields provide tactical teams with protection against ballistic and fragmentation threats. The shields are available in a standard range of sizes and protection levels, which are listed below with weights.

The standard sizes are:

Micra	18" x 26"	6.2 lbs
Small	20" x 34"	12.8 lbs
Standard	24" x 36"	16.51 lbs
Medium	22" x 40"	17.5 lbs
Large	24" x 51"	21.3 lbs
Grande	24" x 69"	26.4 lbs

Custom sizes are available to suit customers' requirements.

Standard viewport sizes available are 4"x10" and 4"x16".

Level III / IV Ballistic Shields

United Shield offers a unique line of rifle protection ballistic shields. These are manufactured using either high-density Polyethylene composites or high purity Alumina ceramic backed by a high performance Aramid laminate producing Level III & IV NIJ 0108.01 shields. Shields come with an optional 4" x 10" Level III/IV viewport. High mobility QUAD trolleys are also available.

Size chart		Weight no viewport	Weight with viewpor
LEVEL III			
Kent	22" x 32"	23 lbs	n/a
Standard	24" x 36"	30 lbs	46 lbs
Large	24" x 48"	40 lbs	56 lbs
LEVEL III+			
RRS	21" x 30"	15.43 lbs	
Small	20" x 34"	16.32 lbs	
Standard	24" x 36"	19.76 lbs	
Level IV			
Small	20" x 34"		60 lbs
Standard	24" x 36"		72 lbs
Large	24" x 48"		95 lbs
Trolley		55 lbs	



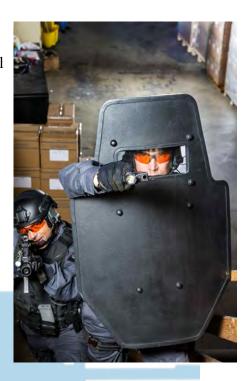
E.R.T. Shield

The United Shield E.R.T shield is a new addition to our range of multi-functional shields. It has been designed in conjunction with officers from various tactical teams, to satisfy a need for a shield which is light and versatile, while being strong and robust. The shield is ambidextrous, so that left and right-handed operators can use the same shield quickly and without any need to change handle positions.

The integrated weapon mount provides for single-handed operation, allowing operators to deploy their weapon without exposing their arm. The shield has a tri-grip handle combined with three soft handles for ease of deploying the shield. The E.R.T shield offers increased head coverage against other shields.

The shield is available in the sizes below:

24" x 36" 15.5 lbs 24" x 48" 19.5 lbs





Assault Shield

This shield has been designed in close collaboration with tactical operators, to provide maximum protection, while still offering market leading ballistics and weight. The shield is fit standard with the NY trigrip handle to offer increased stability for the shield user. The Assault shield is standard with a 4" x 16" viewport and dual cut-outs to add comfort for the operator when deploying their firearm.

United Shield uses a high strength aramid achieving the NIJ level IIIA, meeting the NIJ 0108.01 testing standards.

NIJ 0108.01 IIIA

Available Size: 24" x 40" 18.25 lbs

Level III upgrade for rifle protection available.

Other Shields



Kent Shield (9.9lbs)



Military Combat Shield (2.7lbs)



Police Tactical Shield (3.7lbs)

PRO LIGHT - Shield Lighting System

The United Shield PRO LIGHT shield lighting system is a durable impact resistant light system, which can be factory fitted or retrofitted to ballistic shields.

The PRO LIGHT system is especially suitable where robust build quality and reliability are essential. The PRO Light operational modes include on/off, strobe on/off, solid on and turbo strobe.

Waterproof

Lumens = 520

Field of vision = 30° , Distance vision = 500 ft.

Peripheral vision = 60 ft.



Handle Configurations



Horizontal Handle



NY Tri Grip



Soft Handle



E.R.T. Special Handle



Assault Special Handle



KENT Special Handle

Level IIIA Shield Special Threat Performance

- 9mm +P+, 127 grain Supreme Expansion Technology (SXT) projectiles.
- .357SIG 115 grain Jacketed Hollow Point (JHP) projectiles.
- .357 SIG 125 grain Gold Dot Hollow Point (GDHP) projectiles.
- .40 cal., 95 grain Agulia projectiles.
- 9mm Fiocchi, 115 grain FMJ projectiles.
- 5.72x28mm 40-grain Hornady V-Max (Blue Tip) projectiles.
- 5.7x28mm 27grain SS195 Lead free Hollow Point (LFHP) projectiles
- 7.62x25-mm, 95grain TOKAREV FMJ projectiles

SPARTAN Technology

SPARTAN Panel

The Spartan panel is a high performance, lightweight and ultrathin panel designed to provide discrete protection against hand guns, knives and explosions. This plate is used in the front pocket of a concealable vest as a special threat plate. Spartan is rated to Stand Alone NIJ Level IIIA 0108.01 which includes .44 magnum, 9mm and lesser threats. This plate is also special threat tested in conjunction with a NIJ Level II vest (special threats listed below). Spartan is constructed from United Shield's advanced proprietary technology and is available curved (male and female profile) or flat. Standard Sizes are 5"x 8", 7" x 9" and 10" x 12".

Spartan panels are special threat-tested against the follow rounds:

- FN 5.7x28mm 27 grain SS195 LFHP
- FN 5.7x28mm 40 grain Hornady V-Max (Blue Tip)
- .44 MAG, 240 grain SJHP
- .357 SIG 125 grain FMJFN
- .357 SIG 125 grain GDHP
- 9mm +P+, 127 grain SXT

Light weight Level III+

The Spartan Plus Level IIIa Plus rifle ballistic plate, ergonomically designed using proven technology affording the wearers excellent stand alone protection against a range of high velocity threats.

Spartan Plus panels are also special threat-tested against the follow rounds:

- 5.56 x 45 55gr Ball (M193)
- 7.62 x 39 123gr PS (Mild Steel Core)
- 5.56 x 45 62gr Ball (M855)





SPARTAN SST Shield

United Shield International introduces the latest technology breakthrough in lightweight ballistic protection, SPARTAN SST.

SPARTAN SST provides the platform to manufacture shields at unparalleled weights. Competitive technologies produce shields that weigh 50% - 65% more than SPARTAN SST Shields.

Available in the sizes below:

Spartan SST shields come with a carbon fiber finish which adds rigidity to the shield. The shields also have the ability to be dipped for Multicam, Kryptek, ACU and other custom finishes.

Spartan SST shields require specific storage instructions beyond standard use and care. Shield cannot be store in places where the temperature can exceed 165° F as this may temporarily affect the structural rigidity and shape of the shield, and in direct sunlight or in extremely hot environments.

Ballistic Plates

Plate	Level	NIJ 0101.06 certified	Description	Style	Tri-Curve	Hits	Ballistics	Weight
Acer	III+		Steel	Stand Alone		Multi	7.62 x 51 Ball (M80) 7.62 x 39 AK47 MS Core 5.56 x 45 SS109	6.6lbs
Delta	III		Polyethylene	In Conjunction		Multi	7.62 Nato Ball	2.5lbs
Delta +	III		Polyethylene	Stand Alone		Multi	7.62 Nato Ball	3.75lbs
							7.62 x 51 Ball (M80)	
Delta + 6H	III+	Yes	Polyethylene	Stand Alone	Yes	Multi	7.62 x 63 JSP 7.62 x 54R-L	3.3lbs
Delta i ori		103	rolyculylene	Stand Alone	103	iviaiti	7.62 x 39 AK47 MS Core	3.3103
							5.56 x 45 M193 Ball	
							7.62 Nato Ball	
Delta + 6 Lite	III+	Yes	Polyethylene	Stand Alone	Multi	Multi	7.62 x 51 Ball (M80)	2.3lbs
							7.62 x 39 PS Ball (MSC)	
							7.62 x 51 Ball (M80) 7.62 x 39 AK47 MS Core	
Sigma	III+		Ceramic	Stand Alone		Multi	5.56 x 45 m193 Ball	6.8lbs
							5.56 x 45 SS109	
							7.62 x 63 JSP	
							7.62 x 54R LPS	
							5.56 x 45 M855	
Sigma 6H	III+	Yes	Polyethylene	Stand Alone		Multi	5.56 x 45 M193 Ball 7.62 x 54R-L	5.8lbs
							7.62 x 54 Ball (M80)	
							7.62 x 39 API	
							7.62 x 39 AK47 MS Core	
							7.62 x 51 Ball (M80)	
Sigma Lite	III+	l+	Ceramic	Stand Alone		Multi	7.62 x 39 AK47 MS Core	4.6lbs
							5.56 x 45 m193 Ball 5.56 x 45 SS109	
							7.62 x 39 PS Ball (MSC)	
Sigma Lite 6	III+	Yes	Ceramic and Polyethylene	Stand Alone	Yes	Multi	7.62 x 51 Ball (M80)	4.8lbs
			Torycaryiene				5.56 x 45 M855	
	Gamma III/IV			In Conjunction			7.62 x 51 Ball (M80)	5.7lbs
Gamma						Multi	7.62 x 39 AK47 MS Core 5.56 x 45 SS109	
							30-06 APM2	
			Ceramic and Polyethylene	Stand Alone			5.56 x 45 Ball (M855)	
							5.56 x 45 (M855A1)	
Gamma 6	III/IV	Yes				Multi	7.62 x 39 (API)(BZ) 7.62 x 51 (AP)(M61)	7lbs
							7.62 x 54R (API)(B32)	
							7.62 x 63 (AP)(M2AP)	
							5.56 x 45 Ball (M855)	
		C				5.56 x 45 (M855A1)		
Карра 6	IV+	IV+ I Yes I	Ceramic and Polyethylene	Stand Alone	Stand Alone	Multi	7.62 x 39 (API)(BZ) 7.62 x 51 (AP)(M61)	7.4lbs
			roryctriyiche				7.62 x 54R (API)(B32)	
							7.62 x 63 (AP)(M2AP)	
Zeta	IV		Ceramic	Stand Alone	Yes	Single	30-06 APM2	7.8lbs
							7.62 Nato AP 30-06 APM2	
							7.62 Nato AP	
			Classical Cl		Cim-I.	7.62 x 63 (AP)(M2AP)	7.00	
Zeta 6H	IV	IV Yes	Ceramic	Stand Alone		Single	7.62 x 63 JSP	7.8lbs
							7.62 x 63 B32 API	
							7.62 x 54R LPS 30-06 APM2	
Zeta Lite	IV		Ceramic	Stand Alone		Single	7.62 Nato AP	5.9lbs
							30-06 APM2	7
	IV Yes					7.62 Nato AP		
Zeta Lite 6H		Yes	Yes Ceramic and	Stand Alone	Yes	Single	7.62 x 63 (AP)(M2AP)	5.9lbs
			Polyethylene				7.62 x 63 JSP 7.62 x 63 B32 API	
							7.62 x 54R LPS	
		K MOD Ceramic					7.62 x 51 Ball (M80)	
Theta (6" x 8")	UK MOD		Ceramic	In Conjunction		Multi	7.62 x 39 AK47 MS Core	2.0lbs
							5.56 x 45 m193 Ball	

Body Armor

FORTRESS Concealed Vests



Male Vest - Front View

The **FORTRESS-II & IIIA** vest is the first in its generation of vests certified under the new "06" standard. While this vest is not as light as some of its predecessors tested under previous standards, it still maintains the softness of those earlier generation vests while providing outstanding ballistic performance and safety margin as witnessed by the extremely high V50 results.

This 100% aramid solution has pad covers manufactured with TPU Coated Ripstop and contains a moisture wicking "Cool" carrier featuring Super Mini-Ripstop outer fabric. It comes with a climate control, odor resistant, anti-microbial inner fabric and two stealth plate pockets. It also is equipped with 4 or 6 removable straps.

Available in both Male and Female Styles.

Manufactured in the USA



Female Vest - Front View

The **FORTRESS-LITE** is United Shield's premium high performance package. The Fortress-Lite utilizes an innovative ballistic package to optimize both performance and wear ability. Using our state-of-the-art ballistic design combined with our proprietary fabrics, United Shield provides the officer a soft, flexible, high performance vest that is one of the most comfortable vests available!

Now available in NIJ Level II. Manufactured in the USA.



360D Molle - Tactical Full Coverage Vest

The United Shield Tactical Full Coverage Vest is of proven design and provides full protection to the front, back and sides. The vest is constructed with P/U coated polyester. It has extensive molle webbing to enable the fitting of various pouches and pockets. The 360D vest is also offered with optional collar, neck, biceps and groin protector. Special fabrics may be requested.

FUTV – Fortress Universal Tactical Vest

The United Shield Fortress Universal Tactical Vest is of proven design and provides full protection to the front, back and sides. The vest includes a full cummerbund capable of accepting Level II and IIIA ballistic inserts. The FUTV comes with a gusset sewn top-loading plate pocket that accepts 10" x 12" plates and a heavy-duty operator rescue drag handle. The 360 degree MOLLE webbing, and front gusset sewn map/tool pocket for quick mission access is fully adjustable in girth and length to fit multiple sizes. The vest adjustments allows standardization of team equipment and has velcro on the front and rear to accept ID patches. Accessories include neck, throat, bicep and groin armor.





FUPC- Fortress Universal Plate Carrier

The United Shield Fortress Universal Plate Carrier is of proven design and provides full protection to the front, back and sides. The carrier has options of a cummerbund capable of accepting Level II and IIIA ballistic inserts. The FUPC comes with a gusset sewn bottom loading plate pocket that accepts 10" x 12" plates and a heavy-duty operator rescue drag handle. The 360 degree MOLLE webbing, and front gusset sewn map/tool pocket for quick mission access is fully adjustable in girth and length to fit multiple sizes.

MOPC Carrier

NO Ballistic performance, carrier only.

Emergency drag handle. Detachable shoulder pads. Side release buckles on shoulders and internal waist strap. Accepts up to 10" x 13" plates. Accepts up to 6" x 8" side panel plates. Easy access to ballistic plates with pull down flaps.

Adjustable/detachable cummerbund with pockets for side armor. One front map pocket with snap, hook & loop closure. All armor compartments (front, back & two side) have hook and loop panel. Lightly padded mesh on front and back harness for comfort and airflow. One size fits all.





RPSS Carrier

NO Ballistic performance, carrier only.

The RPSS carrier features high wearing, durable construction of 1000D nylon in a 4 point multi-adjustment system. Allows wearer to upgrade ballistic protection to defend against rifles. Holds two 10" x 12" plates, one front, one back. Carrier is held in place with side straps that are adjustable using quick release buckles.

EOD Equipment



OLYMPIA Bomb Disposal Suit

The Olympia bomb suit is United Shield's latest and most advanced design of bomb suit. It is a complete EOD/IEDD ensemble and provides the highest levels of protection from the four main threats encountered by EOD/IEDD operators of fragmentation, overpressure, impact and heat.

The outer material is constructed from certified flame retardant material, such as Nomex® Delta T. This material can also be used to cover the bomb suit helmet, providing optimal protection for EOD/IEDD operators from the flame associated with blasts from explosive devices.

A key feature of the Olympia bomb suit is its zonal armor system, which provides outstanding blast protection with maximum mobility, flexibility and comfort. The highest protection level is afforded to life-critical areas of the body, such as the neck, chest and groin, with STANAG 2920 V50's ranging from 1,900 m/sec to 450 m/sec.

These levels of protection can be adjusted to suit individual customer's needs.



TITANIA Lightweight Bomb Suit

This new development focuses on reducing the physiological burden on the EOD Technician by reducing the weight of a conventional bomb suit by approximately 20%.

The TITANIA Lightweight Bomb Suit incorporates a novel concept where the jacket is worn beneath the salopette style trousers. This unique feature is designed to enhance flexibility and mobility and to funnel blast pressure away from the body.

The level of fragmentation protection is maintained by the use of the well proven three piece blast plates used in the full specification OLYMPIA Bomb Suit. These have a V50 performance rating exceeding 1900 m/sec which is the highest protection rating for any bomb suit provider.

The TITANIA can be worn with cooling suit and is offered with a full range of communications options.



Bomb Suppression Kit with Safety Circle

The United Shield Bomb Suppression Blanket and Safety Circle has been designed to provide a portable flexible, lightweight and compact means of protection from EOD and IEDD devices. It is tough and durable, being manufactured from multiple layers of treated aramid ballistic fabric sewn into a fire retardant and water repellent outer cover. It can be quickly and easily folded for storage in the water repellent carry bag, while robust webbing carry handles make for ease of transportation and rapid deployment.







Riot Products

906 TacElite EPR Riot Duty Helmet

Our most popular tactical helmet provides outstanding protection and superior comfort. The model 906 features an optically clear, UV resistant, polycarbonate face shield with an integrally molded liquid seal. The model 906 is trusted by thousands of law enforcement agencies around the world to protect their valuable men and women in any riot situation.

- TacElite EPR® polycarbonate alloy helmet shell.
- Expanded polystyrene liner with padded, sweatwicking inner liner
- Permanently mounted neck protector with Kydex® penetration shield and shock absorbent foam pad
- Detachable .150" (3.8mm) thick face shield with liquid seal prevents liquids from seeping into officer's eyes. Molded lip on top edge of face shield prevents shield from closing over integral visor and striking the face
- Double D-ring fastener provides maximum strength and slip resistance
- Snap-on nape pad with Kydex® penetration shield, shock-absorbent foam pads and chemical-resistant black Cordura® cover
- Plastic chin cup for added comfort when harness is tightened. Optional chin pad available.
- Weight Model 906: 3.2 lbs.(1.5 Kg)
- Meets or exceeds NIJ Standard for Riot Helmets and Face Shields, NIJ 0104.02
- Meets or exceeds DOT Standard for Motor Vehicle Helmets FMVSS218 for Impact and Retention Only.

Available Sizes:

- Universal 6 1/2" to 7 5/8" Adjustable
- Jumbo 8 1/4" 8 1/2" Adjustable

Riot Face Shield Configurations



Standard



Corrections



Gas Mask

BS-2 Riot Shield

The BS-2 riot shield is a hand held body shield with ergonomic features. The BS-2 has an ID label that can be made custom to the customer.

The Ergonomic handles allows 2 handled use for extreme circumstances. The handle and break away strap are dielectric to prevent electrical pass through and can be reversed for left or right hand use.

The wide nylon arm strap is easily adjustable while in use.

The shield has superior optical quality and workmanship.

Weights & Sizes

For the BS -2 the weight is 6 lbs The shield is 20" wide and 36" tall

Hazard Assessment

Impact, Splash, fragments





BS-3 Riot Shield

The BS-3 riot shield is a hand held body shield with ergonomic features. The BS-3 has an ID label that can be made custom to the customer.

The Ergonomic handles allows 2 handled use, for extreme circumstances. The handle and break away strap are dielectric to prevent electrical pass through and can be reversed for left or right hand use.

The wide nylon arm strap is easily adjustable while in use. The shield has superior optical quality and workmanship.

Weights & Sizes

For the BS - 3 the weight is 8.5 lbs The shield is 24" wide and 48" tall

Hazard Assessment

Impact, Splash, fragments

CS-4 Capture Shield

The CS-4 Capture shield is a hand held body shield with ergonomic features. The CS-4 has an ID label that can be made custom to the customer.

The strong double handles allow a firm grip under various conditions. The shield has superior optical quality and workmanship. This product is unique in that the design allows two people to grip with both hand on each handle. When extra holding power is needed and the handles are dielectric to prevent electrical pass through. Designed and tested exclusively for cell extraction.

The wide nylon arm strap is easily adjustable while in use. The shield has superior optical quality and workmanship

Weights & Sizes

For the BS - 3 the weight is 8.5 lbs The shield is 24" wide and 48" tall

Hazard Assessment

Impact, Splash, fragments





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