## CATALOG



2024 EDITION

Explore our extensive range of high-performance gear, we produce a diverse range of products designed for law enforcement and military, our products are engineered for the harshest conditions, ensuring that our heroes can do their job and be safe.





(X) Another variety of models apply

### ABOUT US



In 2009, High End Defense was established with a visionary mission at its core – to pioneer cutting-edge solutions for law enforcement and the military. Founded by a team of veteran experts, this venture embarked on a journey to redefine the standards of the law enforcement and military industry.

From the outset, High End Defense dedicated itself to research, development, and manufacturing with an unwavering commitment to excellence. The company's early years were marked by relentless innovation, driven by the desire to equip our brave police and military forces with the most advanced tools & equipment available.

With a global reach and a portfolio of products that range from state-of-the-art firearms to advanced tactical equipment, High End Defense continues to serve those who serve and protect. Our legacy is one of unwavering dedication to the safety and security of our communities, and our commitment to innovation remains as strong as it was on the day of our founding in 2009.

Today at High-End Defense, unwavering commitment meets cutting-edge technology. As a trusted name in the world of law enforcement and military gear, we pride ourselves on delivering the finest in protection, precision, and performance.



With decades of unwavering dedication to the defense industry, High End Defense has obtained multiple accreditations to not only witnessed the evolution of security and technology but has actively shaped it. Our journey over the past years has been marked by relentless innovation, a commitment to excellence, and a deep-seated passion for safeguarding those who protect our nations.

From our modest beginnings in 2009, we have grown into a global leader, setting the gold standard for cuttingedge solutions in the fields of law enforcement and military. Our decades-long experience is a testament to our resilience, adaptability, and the enduring relationships we've built with our valued clients.

As we reflect on the past years, we do so with a sense of pride in our achievements and a boundless enthusiasm for the challenges that lie ahead. High End Defense is not just a company; it's a legacy of innovation, reliability, and an unyielding commitment to shaping a safer, more secure world for all.



At High End Defense, we take immense pride in being a quintessential American manufacturer, deeply rooted in the traditions of craftsmanship and innovation that define our nation. For decades, our commitment to excellence has resonated with the spirit of American ingenuity, forging a legacy that speaks to our dedication to quality and reliability.

As a proud USA manufacturer, we understand the significance of our role in supporting our homeland's security forces. Some of our products bear the pride of being Berry Compliant synonymous with American manufacturing.

High End Defense stands as a symbol of American craftsmanship, and we remain resolute in our mission to provide the finest defense solutions, proudly made in the USA, for the brave men and women who protect our nation.

# MISSION & VISION



"At High-End Defense, our mission is unwavering: To safeguard and empower those who serve and protect. We are dedicated to delivering the pinnacle of excellence in police and military equipment manufacturing."

"At High-End Defense, our vision is to redefine the future of security and protection. We aspire to be the global leader in innovation and excellence within the police and military equipment industry."

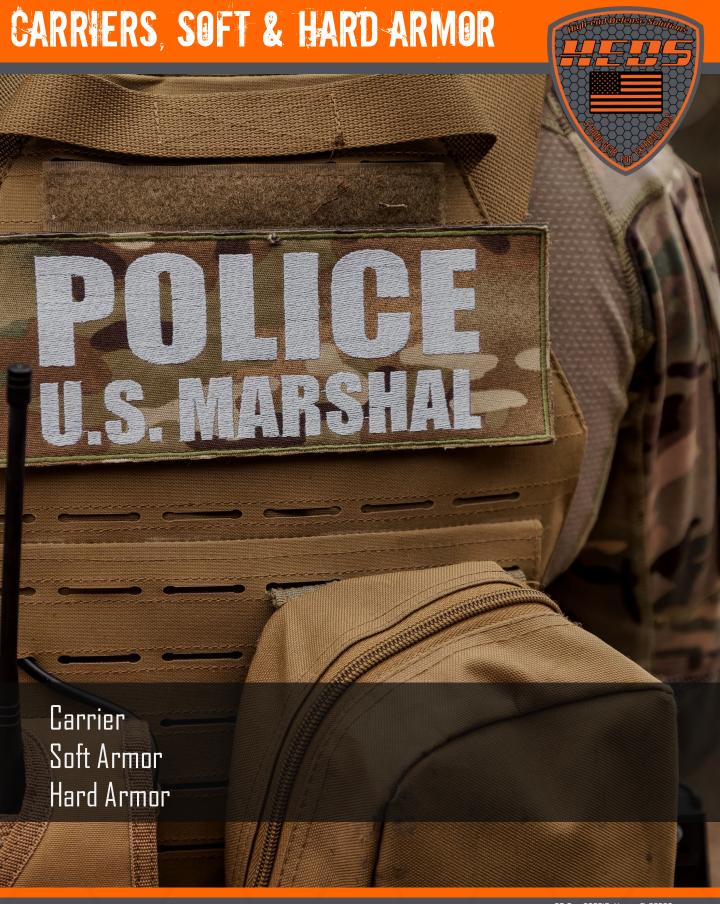
"High-End Defense is more than a manufacturer; we are a guardian of security and a beacon of trust. We take pride in equipping the brave individuals who dedicate their lives to keeping our communities and nations safe. Our mission is their mission—protecting with precision, defending with honor."



Introducing our high-end defense bullet-resistant vests and plates — where uncompromising protection meets unmatched quality. Our state-of-the-art solutions are meticulously crafted to safeguard those who protect us. With a relentless commitment to safety, our vests and plates are engineered to provide the highest level of ballistic resistance, offering peace of mind in high-risk situations. When lives are on the line, trust in our armor to be your ultimate shield.

Our soft and hard armor, sets the gold standard for safety — both are proudly certified by the National Institute of Justice (NIJ). This certification underscores our commitment to providing you with the highest level of ballistic protection. Rest assured; your safety is our top priority.

Our bullet resistant soft and hard armor, are supported by a quality assurance process as we are ISO BA9000-2016 certified.



#### CARRIER

Models: HEDS-CON-G2

HEDS-CON-G3

HEDS-CON-G4

HEDS-TAC-G3

HEDS-TAC-G3NV

HEDS-TAC-G3FO

HEDS-TAC-G5BO

HEDS-TAC-G5QR

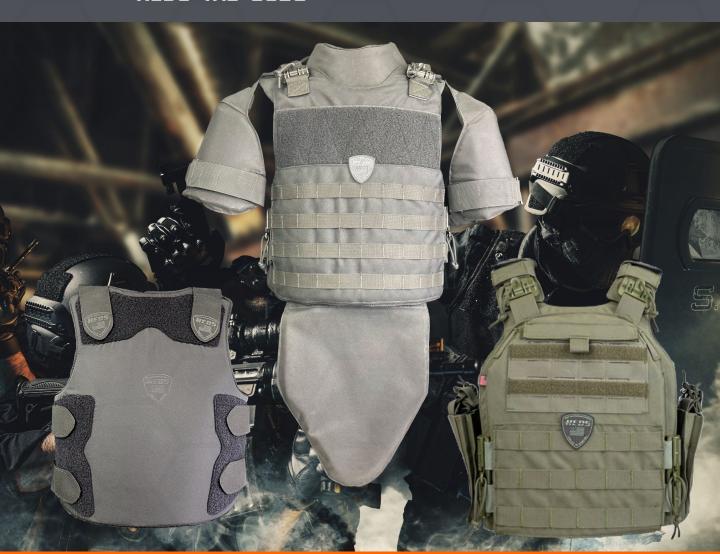
HEDS-TAC-G5QRL

HEDS-TAC-G5SOQR

HEDS-TAC-G5QR-TACTIC

HEDS-PC-G1

HEDS-MPC-G1



CONCEALED CARRIER | HEDS-CON-G2

Our carrier model HEDS-CON-G2 is a very light & very low-profile concealed carrier design for an all-around protection of vital organs with a very slim, & slick design. A (M) size carrier with a Police cut & with all its straps, weights only O.61bs

Features chest / back and side coverage, with side openings.

It has 2 shoulder Velcro's adjustment elastics and 2 or 4 adjustable lateral elastics with front and back side Velcro's.



Outer vest constructed with polyester cotton (70/30) fabric with 200-250 denier with antimicrobial characteristics and soft texture for internal use, with antifungal, antibacterial, rapid drying, breathable with respective Velcro's offering protection to the ballistic panels.

The inner side of the vest has a mesh fabric for breathability with antifungal and antibacterial, anti sweet, deodorizing properties with resistance to mold.

Designed for our G1, G3 and G5 ballistic panel models  $\theta$  others.

Available colors: black, white and navy blue.

Vest is 100% built in the USA with 100% USA Berry Compliant materials

Warranty: 5 years under normal use

#### CONCEALED CARRIER | HEDS-CON-G2





Size	Regular	Wide	Narrow	Long+
2X	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X













#### CONCEALED CARRIER | HEDS-CON-G3





Our model HEDS-CON-G3 is a concealed or external wear carrier design to provide a full protection of vital organs in a slim, low-profile design.

Features chest / back and side coverage, with side openings.

It has 2 shoulder Velcro's adjustment elastics and 2 or 4 adjustable lateral elastics with front and back side Velcro's.

Outer vest constructed with polyester cotton (70/30) fabric with 200-250 denier with antimicrobial characteristics and soft texture for internal use, with antifungal, antibacterial, rapid drying, breathable with respective Velcro's offering protection to the ballistic panels.



The inner side of the vest has a mesh fabric for breathability with antifungal and antibacterial, anti sweet, deodorizing properties with resistance to mold.

Designed for our G1, G3 and G5 ballistic panel models.

Available colors: black, white and navy blue.

Vest is 100% built in the USA with 100% USA Berry Compliant materials

#### CONCEALED CARRIER | HEDS-CON-G3





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X















#### CONCEALED CARRIER | HEDS-CON-G4





Our model HEDS-CON-G4 is a concealed T-top style carrier design with full protection of vital organs in a slim, low-profile design.

It has chest and back coverage (optional sides), with zippered side openings.

It has 2 upper velcro adjustments and 2 side closures. It has 6x8 plate holder pockets on the inside.

Outer vest built with elastic and very soft microfiber fabrics (lycra) with antimicrobial characteristics and soft texture for internal use.



The inner liner that covers the ballistic panel is made from 200 denier nylon with antifungal, antibacterial and water resistant / ultrasonically sealed properties.

The vests have breathable and elastic materials on the sides and bottom to allow greater comfort and breathability.

Designed for our G1, G3 and G5 ballistic panel models.

Available colors: black, white and navy blue.

Vest is 100% built in the USA with 100% USA Berry Compliant materials

#### CONCEALED CARRIER | HEDS-CON-G4





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	Х	X	X	X
XL	X	X	X	X













#### TACTICAL VEST | HEDS-TAC-G3

MADE IN U.S.A



Our TAC-G3 model is a tactical design carrier with top access for ballistic plates with ergonomic and complete protection for vital organs.

Features chest / back and side coverage, with side openings.

It has 2 upper adjustment points with double velcro or QR system and 2 adjustable lateral elastic with front hook with velcro with a frontal cover lid with Molle system.

It has 6x8, 8x10 and 10x12 plate holder pockets accessible through the upper part / with upper cap with velcro.



Outer vest constructed with 400/500/600 or 1000 denier fabrics with water repellent and antimicrobial characteristics with Molle system.

The inner liner that covers the ballistic panel is made from 200 denier nylon with antifungal, antibacterial and water resistant / ultrasonically sealed properties.

The inner side of the vest has a mesh fabric for breathability with antifungal and antibacterial properties with three-dimensional mesh for breathability.

Designed for our G1, G3 and G5 ballistic panel models.

Available colors: black, brown, green or multicam.

It has an extraction handle.

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

### TACTICAL VEST | HEDS-TAC-G3





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X













#### TACTICAL VEST | HEDS-TAC-G3NV





Our TAC-G3NV model is a tactical design carrier based on the original G3 model with a few modifications on the 2 upper adjustment points, the velcros and materials.

We replaced the All Velcro on top of the upper plate cap with new modern perforated fabric and we can accommodate insignia, name and other needed velcros. Also, we incorporated the perforated fabric on the sides.

Features chest / back and side coverage, with side openings. It has 2 upper adjustment points or QR system and 2 adjustable lateral elastic with front hook with velcro with a frontal cover lid with Molle system.



It has 6x8, 8x10 and 10x12 plate holder pockets accessible through the upper pocket / with upper cap with velcro. Outer vest constructed with 400/500/600 or 1000 denier fabrics with water repellent and antimicrobial characteristics with Molle system.

The inner liner that covers the ballistic panel is made from 200 denier nylon with antifungal, antibacterial and water resistant / ultrasonically sealed properties.

The inner side of the vest has a mesh fabric for breathability with antifungal and antibacterial properties with three-dimensional mesh for breathability.

Designed for our GI, G3 and G5 ballistic panel models.

Available colors: black, brown, green or multicam.

It has a low-profile extraction handle.

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

### TACTICAL VEST | HEDS-TAC-G3NV





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X













#### TACTICAL VEST | HEDS-TAC-G3F0

MADE IN U.S.A



Our TAC-G3FO model is a tactical design carrier based on the original G3 model with a few modifications such as front zipper opening, front pockets, to simulate officer's uniform.

The carrier is designed to simulate an officer's shirt uniform.

We added front pockets, Molle, insignia, name and other needed Velcro's.

Features chest / back and side coverage, with side openings. It has 2 upper adjustment points / 2 adjustable lateral elastic with front hook with Velcro with a frontal cover lid with Molle system / 1 front zipper for fast and convenient closure.



It has 6x8, 8x10 and 10x12 plate holder pockets accessible through the front pocket (side loading) Outer vest constructed with 400/500/600 or 1000 denier fabrics with water repellent and antimicrobial characteristics with Molle system.

The inner liner that covers the ballistic panel is made from 200 denier nylon with antifungal, antibacterial and water resistant / ultrasonically sealed properties.

The inner side of the vest has a mesh fabric for breathability with antifungal and antibacterial properties with three-dimensional mesh for breathability.

Designed for our GI, G3 and G5 ballistic panel models.

Available colors: black, brown, green or multicam.

Optional: low-profile extraction handle / Molle system.

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

### TACTICAL VEST | HEDS-TAC-G3F0





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X











### TACTICAL VEST | HEDS-TAC-G5B0

MADE IN U.S.A



Our model TAC-G5-BO is a tactical design carrier with bottom access for ballistic plates, It offers ergonomic and complete protection for vital organs.

Features chest / back and side coverage, with side opening.

It has 2 upper adjustment points with velcro or QR system and 4 adjustable lateral straps with adjustment in the front via velcro with double flap covers with Molle system. It has 6x8, 8x10 and 10x12 plate holder pockets with access from the hottom.

Outer vest constructed with 400/600 or 1000 denier fabrics with water repellent and antimicrobial characteristics with Molle system.



The inner liner that covers the ballistic panel is made from 200 denier nylon with antifungal, antibacterial and water resistant / ultrasonically sealed properties.

The inner side of the vest has a mesh fabric for breathability with antifungal and antibacterial properties with three-dimensional mesh for breathability.

Designed for our G1, G3 and G5 ballistic panel models.

Available colors: black, brown, green or multicam.

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

### TACTICAL VEST | HEDS-TAC-G5B0





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X











#### TACTICAL VEST | HEDS-TAC-G5QR





Our TAC-G5-QR model is a tactical design carrier with front & back Molle with upper & lateral quick release system.

It offers an ergonomic and complete protection of the vital organs with coverage on the chest / back and sides and with side openings.

It has 2 upper adjustable fit points with Velcro's & Quick Release system and 2 or 4 adjustable lateral elastic bands with adjustment on the back with Velcro's and on the front with Quick Release system.

It has 6x8 6/or, 8x10, 6/or 10x12 inches plate holder pockets, front 6 back Outer vest constructed of 500 denier fabrics with water repellent and antimicrobial characteristics with Molle system front back.



The inner side of the vest has a 3D mesh fabric rapid dry, for breathability with antifungal and antibacterial, anti sweet, deodorizing properties with resistance to mold.

It has a rear webbing as an extraction point. It has a lumbar adjustment elastic strap with Velcro's. It comes with internal Velcro's to adapt neck, throat, shoulder, upper arms and groin protection.

Designed for our G1, G3 and G5 models & most ballistic panel.

Available colors: black, tan, coyote or green.

Front and back reflective tape optional

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

Carrier warranty: 5 years against normal wear and use.

#### TACTICAL VEST | HEDS-TAC-G5QR





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X













#### TACTICAL VEST | HEDS-TAC-G5QRL





Our TAC-G5-QRL model is tactical design carrier with a Laser cut Molle in the front & back & upper & lateral quick release system.

It offers an ergonomic and complete protection of the vital organs with coverage on the chest / back and sides and with side openings.

It has 2 upper adjustable fit points with Velcro's & Quick Release system and 2 or 4 adjustable lateral elastic bands with adjustment on the back with Velcro's and on the front with Quick Release system.

It has 6x8 6/or, 8x10, 6/or 10x12 inches plate holder pockets, front 6 back



Outer vest constructed of 500 denier fabrics with water repellent and antimicrobial characteristics with LASER Molle system in the front & back. The inner side of the vest has a 30 mesh fabric rapid dry, for breathability with antifungal and antibacterial, anti sweet, deodorizing properties with resistance to mold.

It has a rear webbing as an extraction point. It has a lumbar adjustment elastic strap with Velcro's. It comes with internal Velcro's to adapt neck, throat, shoulder, upper arms and groin protection.

Designed for our G1, G3 and G5 models & most ballistic panel.

Available colors: black, tan, coyote or green.

Front and back reflective tape optional

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

Carrier warranty: 5 years against normal wear and use.

### TACTICAL VEST | HEDS-TAC-G5QRL





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X











#### TACTICAL VEST | HEDS-TAC-G5SOQR

Our TAC-G5-SOQR model is a tactical design carrier with lateral access for ballistic plates access pockets and with lateral quick release system.

It offers an ergonomic and complete protection of the vital organs with coverage on the chest / back and sides and with side openings.

It has 2 upper adjustment points in velcro or QR system and 4 adjustable lateral elastic bands with adjustment on the back with velcro and on the front with QR system.

It has 6x8, 8x10 and 10x12 plate holder pockets with side access via zippers.



Outer vest constructed of 600 or 1000 denier fabrics with water repellent and antimicrobial characteristics with Molle system.

The inner liner that covers the ballistic panel is made from 200 denier nylon with antifungal, antibacterial and water resistant / ultrasonically sealed properties.

The inner side of the vest has a mesh fabric for breathability with antifungal and antibacterial properties with three-dimensional circular mesh for breathability.

Designed for our G1, G3 and G5 ballistic panel models.

Available colors: black, coffee or green.

Front and back reflective tape optional

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

### TACTICAL VEST | HEDS-TAC-G5SOQR





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X













#### TACTICAL VEST | TAC-G5QR-TACTIC

Our TAC-G5-QR-TACTIC model is a same model as TAC-G5-QR with throat, neck, shoulder & groin protection. It comes with Molle or laser Molle.

It offers an ergonomic and complete protection of the vital organs with coverage on the chest / back and sides, throat, neck, choulder and groinand with side openings.

It has 2 upper adjustable fit points with Velcro's & Quick Release system and 2 or 4 adjustable lateral elastic bands with adjustment on the back with Velcro's and on the front with Quick Release system.

It has 6x8 &/or, 8x10, &/or 10x12 inches plate holder pockets, front & back. Outer vest constructed of 500 denier fabrics with water repellent and antimicrobial characteristics with Molle system front back.



The inner side of the vest has a 3D mesh fabric rapid dry, for breathability with antifungal and antibacterial, anti sweet, deodorizing properties with resistance to mold.

It has a rear webbing as an extraction point. It has a lumbar adjustment elastic strap with Velcro's. It comes with internal Velcro's to adapt neck, throat, shoulder, upper arms and groin protection.

Designed for our GI, G3 and G5 models & most ballistic panel.

Available colors: black, tan, coyote or green.

Front and back reflective tape optional

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

Carrier warranty: 5 years against normal wear and use.

### TACTICAL VEST | TAC-G5QR-TACTIC





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X



#### TACTICAL VEST | HEDS-PC-G1





Our model PC-G1 is a tactical design plate carrier with bottom access to insert or remove ballistic plates with an ergonomic and complete protection for vital organs.

It has chest & back coverage (extra sides). It has 2 upper adjustment points with Velcro's & QR quick release system and 2 or 4 lateral straps in webbing and elastic adjustable on the back with Velcro and QR quick release system on the sides (front).

It has 10x12 plate pockets with access through the bottom. It has a top front pocket. It has upper laser Molle and/or traditional Molle / front & back. It has side pockets for Magazines and or additional side plates (optional)



Outer vest constructed with 400/500/600 or 1000 denier fabrics with water repellent and antimicrobial characteristics.

The inner side of the vest has a 3D mesh fabric rapid dry, for breathability with antifungal and antibacterial, anti sweet, deodorizing properties with resistance to mold. It comes with internal Velcro's to adapt neck, throat, shoulder, upper arms and groin protection.

Designed for most 10x12 plates.

Available colors: black, brown, green or Multicam.

It has an extraction handle.

Warranty: 5 years under normal use



This is a one size plate carrier; we can also build it for larger size plates.

Vest is 100% built in the USA with 100% USA Berry Compliant materials.

#### TACTICAL VEST | HEDS-PC-G1





Size	Regular	Wide	Narrow	Long+
ZX	X	X	X	X
2	X	X	X	X
M	X	X	X	X
L	X	X	X	X
XL	X	X	X	X













#### MULTIPURPOSE CARRIER | HEDS-MPC-G1





Our multipurpose vest model HEDS-MPC-G1 is a tactical vest that has the ability to add protection plates.

Fabric: 600 or 10000 Nylon with Berry Amendment certification, MIL C 43734D 3, MIL-DTL-32439A I 3

Plate carrier: it has a front pocket for a 10x12 plates, additional you may add a rear plate pocket.

Inner mesh: 8mm thick for greater breathability with antifungal and antibacterial characteristics.

Direct breathability mesh: placed on the sides and upper chest for better ventilation.



Plate holder: it has a retractable front plate holder made with a mesh.

Molle system: it has Molle-type webbing to attach accessories

Pockets: Velcro front, four M4 provider Molle pockets, 1 medium multipurpose Molle pocket and 1 small Molle pocket.

Adjustment points: chest, shoulder, back and sides if you want to add a rear plate holder.

Colors: Ranger Green, Tan, Black, Multicam and others.

Sizes; Multi size

### SOFT ARMOR

Models: HEDSII-G1

BAV-II

**BAV-FEM-II** 

HEDS-IIIA-G1

HEDS-IIIA-G3 BAV-FEM-IIIA HEDS-IIIA-G3MT HEDS-IIIA-G5





#### BALLISTIC PANELS | HEDSH-G1





Our ballistic panel model HEDSII-GI is a very flexible and light panel that complies with protection level NIJ II (0101.06) + special threats. It offers Multi-Impact capability for a complete protection of vital organs and can be used in concealed or tactical carriers.

#### **Features**

Model	HEDSII-G1
Coverage	Chest, back and sides
Weight	0.72 psf approx
Thickness (approx.)	Undisclosed
Size	XS, S, M, L, XL (C1-C5) + Narrow, standard & wide options (PC cut)
Ballistic Materials	Latest generation Honeywell UD materials (Spectra & Gold Shield) & woven Dupont Aramid
Level	NIJ II (0101.06) standard and other smaller rounds
Warranty	8 Years

Ballistic materials and yarn are of the highest quality and made in the USA.

Ballistic panels are 100% made in the USA.

Inner carrier made of nylon with antifungal, antibacterial and water-resistant properties & ultrasonically sealed.













# BALLISTIC PANELS | HEDSH-G1





### NIJ 0101.06 Lab Test Specs

.357 BFS (C1 & C5 ave.)	New Undisclosed
	Cond. Undisclosed
.357 V50 (C1 & C5 ave.)	New Undisclosed
	Cond. Undisclosed
.357 BFS (C1 & C5 ave.)	New Undisclosed
	Cond. Undisclosed
.357 V50 (C1 & C5 ave.)	New Undisclosed
	Cond. Undisclosed

### **Special Threat Testing**

#### 

9mm 127gr + P + RTS

Wolf 115GR FMJ Bi-Metal Case (1,150 fps)













### BALLISTIC PANELS | BAV-II





Our ballistic panel model BAV-II is a certified level NIJ II (O101.06) + special threats. It's a structured female design that offers Multi-Impact capability for a complete protection with a comfort fit.

#### **Features**

Model	BAV-II	STRIKE FACE
Coverage	Chest, back and sides	CARA DE IMPACTO
Weight	0.77 psf approx	
Thickness (approx.)	4.8mm / 0.19" aprox	
Size	XS, S, M, L, XL (C1-C5)	
Level		dard (9mm FMJ RN 124gr at 1305ft/s +/- 30 Oft/s +/- 30ft/s and other smaller rounds)
Warranty	5 Years	

Ballistic materials and yarn are of the highest quality and made in the USA.

Ballistic panels are 100% made in the USA.

Inner carrier made of nylon with antifungal, antibacterial and water-resistant properties & ultrasonically sealed.













### BALLISTIC PANELS | BAV-III





### NIJ 0101.06 Lab Test Specs

9mm BFS (C1 & C5 ave.)	33.50mm
9mm V50 (C1 & C5 ave.)	1.737 fps
.357 BFS (C1 & C5 ave.)	38.80 mm
.357 V50 (C1 & C5 ave.)	1,637 fps

### **Special Threat Testing**

#### 

9mm 127gr + P + RTS

.357 Sig 125gr GDHP Speer

7.62 x 25 85gr FMJ Tokarev

5.7 x 28 40gr V-MAX FN SS-197













### BALLISTIC PANELS | BAV-FEM-H





Our ballistic panel model BAV-FEM-II is a certified level NIJ II (0101.06) + special threats. It's a structured female design that offers Multi-Impact capability for a complete protection with a comfort fit.

#### **Features**

Model	BAV-FEM-II	STRIKE FACE
Coverage	Chest, back and sides	CARA DE IMPACTO
Weight	0.77 psf approx	
Thickness (approx.)	4.8mm / 0.19" aprox	
Size	XS, S, M, L, XL (C1-C5)	
Level		lard (9mm FMJ RN 124gr at 1305ft/s +/- 30 I ft/s +/- 30ft/s and other smaller rounds)
Warranty	5 Years	

Ballistic materials and yarn are of the highest quality and made in the USA.

Ballistic panels are 100% made in the USA.

Inner carrier made of nylon with antifungal, antibacterial and water-resistant properties & ultrasonically sealed.













# BALLISTIC PANELS | BAV-FEM-H





### NIJ 0101.06 Lab Test Specs

9mm BFS (C1 & C5 ave.)	New 30.86mm
	Cond. 27.94mm
9mm V50 (C1 & C5 ave.)	New 1,543.63 fps
	Cond. BR fps
.357 BFS (C1 & C5 ave.)	New 34.51 mm
	Cond. 33.23Mm
.357 V50 (C1 & C5 ave.)	New 1,538 fps
	Cond. BR fps

### **Special Threat Testing**

#### 

9mm 127gr + P + RTS

.357 Sig 125gr GDHP Speer

7.62 x 25 85gr FMJ Tokarev

5.7 x 28 40gr V-MAX FN SS-197













### BALLISTIC PANELS | HEDSINA-G1





Our ballistic panel model HEDSIIIA-G1 is a certified level NIJ IIIA (0101.06) + special threats. It offers Multi-Impact capability for a complete protection of vital organs and can be used in concealed or tactical carriers.

#### **Features**

Model	HEDSIIIA-G1	STRIKE FACE
Coverage	Chest, back and sides	CARA DE IMPACTO
Weight	1.24 psf approx	
Thickness (approx.)	6.5mm +/-0.3mm	
Size	XS, S, M, L, XL (C1-C5)	
Level		andard (9mm FMJ 124gr & JHP 147g / .357 P 240gr and other smaller rounds)
Warranty	8 Years	

Ballistic materials and yarn are of the highest quality and made in the USA.

Ballistic panels are 100% made in the USA.

Inner carrier made of nylon with antifungal, antibacterial and water-resistant properties & ultrasonically sealed.







# BALLISTIC PANELS | HEDSHIA-G1





### NIJ 0101.06 Lab Test Specs

.357 SIG BFS (C1 & C5 ave.)	New 28.96 mm
	Cond. 27.34 mm
.357 SIG V50 (C1 & C5 ave.)	New 1,781 fps
	Cond. 1,734 fps
.44 MAG BFS (C1 & C5 ave.)	New 36.80 mm
	Cond. 37.20 mm
.44 MAG V50 (C1 & C5 ave.)	New 1,627 fps
	Cond. 1,538 fps

### **Special Threat Testing**

#### 

9mm 127gr + P + RTS

Wolf 115GR FMJ Bi-Metal Case (1,150 fps)

FNH 5.7x28 40gr SS197SR (2,034 fps)

Federal 5.7x28 40gr (1,655 fps)







### BALLISTIC PANELS | HEDSHIA-G3

NI.I



Our ballistic panel model HEDSIIIA-G3 is a certified level NIJ IIIA (0101.06) + special threats with multi-Impact capability for a complete protection of vital organs that can be used in concealed or tactical carriers.

# bility for used in STRIKE FACE

#### **Features**

Model	HEDSIIIA-G3
Coverage	Chest, back and sides
Weight	0.95 psf approx
Thickness (approx.)	5.70mm +/- 0.3 (.22")
Size	C1-C5
Level	NIJ 0101.06 CERTIFIED IIIA standard (9mm FMJ 124gr & JHP 147g / .357 FMJ FN 125gr / .44 Mag SJHP 240gr and other smaller rounds + (special
	threat rounds)
Warranty	8 Years

Ballistic materials and yarn are of the highest quality and made in the USA.

Ballistic panels are 100% made in the USA.

Inner carrier made of nylon with antifungal, antibacterial and water-resistant properties & ultrasonically sealed.













### BALLISTIC PANELS | HEDSINA-G3





### NIJ 0101.06 Lab Test Specs

.357 SIG BFS (C1 & C5 ave.)	New 28.69 mm
	Cond. 26.78 mm
.357 SIG V50 (C1 & C5 ave.)	New 1,821 fps
	Cond. 1,808 fps
.44 MAG BFS (C1 & C5 ave.)	New 35.46 mm
	Cond. 35.06 mm
.44 MAG V50 (C1 & C5 ave.)	New 1,731 fps
	Cond. 1,736 fps

### **Special Threat Testing**

#### 

9mm 127gr + P + RTS

Wolf 115GR FMJ Bi-Metal Case (1,150 fps)

FNH 5.7x28 40gr SS197SR (2,034 fps)

Federal 5.7x28 40gr (1,655 fps)

FNH 5.7x28 27gr SS195LF (2,350 fps)













### BALLISTIC PANELS | BAV-FEM-IIIA

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U M



Our ballistic panel model BAV-FEM-IIIA is a certified level NIJ IIIA (0101.06) + special threats. Its structured design contours to the feminine shape for a comfortable fit.

#### **Features**

Model	BAV-FEM-IIIA
Coverage	Chest, back and sides
Weight	0.95 psf approx
Thickness (approx.)	5.1mm +/-0.3mm (0.20" +/- 0.01")
Size	XS, S, M, L, XL (C1 - C5)
Level	NIJ 0101.06 CERTIFIED IIIA standard (9mm FMJ 124gr & JHP 147g / .357 FMJ FN 125gr / .44 Mag SJHP 240gr and other smaller rounds)
Warranty	5 Years

Ballistic materials and yarn are of the highest quality and made in the USA.

Ballistic Panels are 100% Made in the USA.

Inner carrier made of nylon with antifungal, antibacterial and water-resistant properties & ultrasonically sealed.













# BALLISTIC PANELS | BAV-FEM-IIIA





### NIJ 0101.06 Lab Test Specs

.357 SIG BFS (C1 & C5 ave.)	New 27.84 mm
	Cond. 30.23 mm
.357 SIG V50 (C1 & C5 ave.)	New 1,822.5 fps
	Cond. 1,797.9 fps
.44 MAG BFS (C1 & C5 ave.)	New 38.01 mm
	Cond. 38.65 mm
.44 MAG V50 (C1 & C5 ave.)	New 1,639.10 fps
	Cond. 1,639.10 fps

### **Special Threat Testing**

#### 

9mm 127gr + P + RTS

Wolf 115GR FMJ Bi-Metal Case (1,150 fps)

FNH 5.7x28 40gr SS197SR (2,034 fps)

Federal 5.7x28 40gr (1,655 fps)













### BALLISTIC PANELS | HEDSIIIA-G3MT





Our ballistic panel model HEDSIIIA-G3MT is a Muti Threat panel that offers Spike and Blade protection + NIJ 0101.06 certified level IIIA + special threats that can be used in concealed or tactical carriers.

#### **Features**

Model	HEDSIIIA-G3MT
Coverage	Chest, back and sides
Weight	1.05 psf approx
Thickness (approx.)	6.9mm / .27"
Size	C1-C5
Ballistic Materials	Dupont woven, Honeywell premium unidirectional materials hybrid (Spectra Polyethylene UD and Gold Shield Aramid UD)
Level	2/Spike and 2/Blade + certified NIJ 0101.06 IIIA + (special threat rounds)
Warranty	8 Years

Ballistic materials and yarn are of the highest quality and made in the USA.

Ballistic panels are 100% made in the USA.

Inner carrier made of nylon with antifungal, antibacterial and water-resistant properties & ultrasonically sealed.







### BALLISTIC PANELS | HEDSINA-G3MT





### NIJ 0101.06 Lab Test Specs

257 BCC (P1 C PC )	New 28.69 mm
.357 BFS (C1 & C5 ave.)	Cond. 26.78 mm
257 VEO (PLO PE )	New 1,821 fps
.357 V50 (C1 & C5 ave.)	Cond. 1,808 fps
(	New 35.46 mm
.44 MAG BFS (C1 & C5 ave.)	Cond. 35.06 mm
.44 MAG V50 (C1 & C5 ave.)	New 1,731 fps
.44 MAD VJU (CI & CJ AVE.)	Cond. 1,736 fps

### **Special Threat Testing**

#### 

9mm 127gr + P + RTS

Wolf 115GR FMJ Bi-Metal Case (1,150 fps)

FNH 5.7x28 40gr SS197SR (2,034 fps)

Federal 5.7x28 40gr (1,655 fps)

FNH 5.7x28 27gr SS195LF (2,350 fps)







### BALLISTIC PANELS | HEDSHIA-G5





Our ballistic panel model HEDSIIIA-G5 is our newest generation panel & it complies with protection level NIJ IIIA (0101.06) + special threats. It offers Multi-Impact capability for a complete protection of vital organs and can be used in concealed or tactical carriers

#### **Features**

Model	HEDSIIIA-G5	STRIKE FACE
Coverage	Chest, back and sides	CARA DE IMPACTO
Weight	0.80 psf approx	
Thickness (approx.)	Undisclosed	
Size	XS, S, M, L, XL (C1 - C5)	
Ballistic Materials	Latest generation Honeywell L	ID materials (Spectra & Gold Shield)
Level	_	tandard (9mm FMJ 124gr & JHP 147g / .357 240gr and other smaller rounds)
Warranty	8 Years	

Ballistic materials and yarn are of the highest quality and made in the USA.

Ballistic Panels are 100% Made in the USA.

Inner carrier made of nylon with antifungal, antibacterial and water-resistant properties & ultrasonically sealed.





Certifications apply to our quality management system, not to our products

# BALLISTIC PANELS | HEDSINA-G5





### NIJ 0101.06 Lab Test Specs

257 DEC /P1 C P5 \	New Undisclosed
.357 BFS (C1 & C5 ave.)	Cond. Undisclosed
257 VCD (PLB PE \	New Undisclosed
.357 V50 (C1 & C5 ave.)	Cond. Undisclosed
// NAS SES /S/ S SE	New Undisclosed
.44 MAG BFS (C1 & C5 ave.)	Cond. Undisclosed
// MAC VER /PI & PE \	New Undisclosed
.44 MAG V50 (C1 & C5 ave.)	Cond. Undisclosed

### **Special Threat Testing**

#### 

9mm 127gr + P + RTS

Wolf 115GR FMJ Bi-Metal Case (1,150 fps)

FNH 5.7x28 40gr SS197SR (2,034 fps)

Federal 5.7x28 40gr (1,655 fps)

FNH 5.7x28 27gr SS195LF (2,350 fps)





Certifications apply to our quality management system, not to our product

### HARD ARMOR

Models: D1537

BPPE-193-G3-ICW (H8100) 3611C

BPPE-III-G3-ICW (H8101) BPSPE-III-G1+ (H8300)

BPPE-III-G1 (H8210)

BPPE-RF1-G1 (HB211) D1472

3402 D2772

3403 BPSPE-IV-G1

3810

BPAPE-RF2-G1 (H8301)

3800C 4601



### **BULLET RESISTANT PLATES**





HEDS manufactures bullet resistant plates in various levels (NIJIII & IV).

We make plates in PE and hybrids of Ceramic(AL,SIC,BC) and PE or Aramid.

We make plates in single, double or multi curvature.

We make plates in various cuts: straight, shooters or swimmers cut. SAPI etc.

We make plates in various sizes,6x6, 8x10, 10x12.

Our plates can be finished with nylon wrapping or polyurea coating.

















### BULLET RESISTANT | D1537





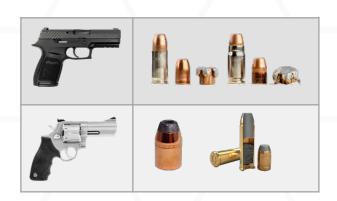
Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

#### **Characteristics**

Madal	Lovel	Level Ammunition	Weight	Thickness	AD
Model	Model Level	Ammunition	Lbs (10x12)	Inches	psf
		SPEER 44 MAG SJHP (NIJ IIIA)			
		SPEER 357 SIG FN (NIJ IIIA)			
	IIIA Stand Alone Multi Impact	SPEER 357 SIG GDHP	1.28	0.34	1.64
		WIN 357 SIG FRANGIBLE			
D1537		WIN 9x19 SXT T-SERIES			
חוםם /		7.62x25 TOKAREV SJRN			
		FNH 5.7x28 SS197SR			
		FNH 5.7x28 SS195LF			
		NIJ EDGED BLADE PI LEVEL 2			
		NIJ EDGED BLADE SI LEVEL 3			

Plate designed to protect against level IIIA ammunition (0101.06) and special ammunition.

These plates are known as Speed Plates and are used alone or in conjunction with soft ballistic panels















### BULLET RESISTANT | BPPE-193-G3-ICW (H8100)





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

# ONLY 1.6 Lbs

On a 10" x 12" finished plate





### Characteristics

Madel	Model Level Ammunition		Weight	Thickness
Munei	LEVEI	Animumaun	Lbs (10x12)	Inches
BPPE-193-G3-ICW	C:-I ICW	7.62x39 LC @ 2450 fps	1.60	0.38
H8100	Special ICW	5.56x45 M193 @ 3250 fps	Wrapped	

Plate designed to protect against 7.62x39 LC & 5.56x45 MI93 (Not M855 / SSI09).

These plates are used in conjunction with soft ballistic panels (ICW)













### BULLET RESISTANT | BPPE-III-G3-ICW (H8101)





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

# ONLY 1.6 Lbs

On a 10" x 12" finished plate



#### **Characteristics**

Model L	Level	Ammunition Weight		Thickness
		Aimantian	Lbs (10x12)	Inches
	IBW III	7.62x51 M80 Ball @ 2810 fps		
BPPE-III-G3-ICW H8101	ICW III (0101.06)	7.62x39 M43 & Type 56 @ 2450 fps	1.65	0.38
	(8181.88)	5.56x45 M193 @ 3250 fps		
	Stand Alone	5.56x45 M193 @ 3250 fps 7.62x39 Lead Core @ 2450 fps		
Multi Curve Plate, size form 5x8"to 11"x14"				

Plates designed to protect against ammunition level NIJ III (0101.06) when used in conjunction with (ICW) & stand alone against 5.56x45 MI93 & 7.62x39 LC.













Certifications apply to our quality management system, not to our products

### BULLET RESISTANT | BPPE-III-G1 (H8210)





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level NIJ III (0101.06).





#### **Characteristics**

Model	Level	Ammunition -	Weight	Thickness	
			Lbs (10x12)	Inches	
	III Stand Alone Multi Impact	7.62x51 M80 (NIJ III)			
BPPE-III-G1 H8210		7.62x39 PS Ball (MSC)	3.65	0.9	
110210		5.56x45 M193			
Single curve plate, PE, 3 sizes available, multi-impact					











### BULLET RESISTANT | BPPE-RF1-G1 (H8211)





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level NIJ RFI (0101.07).





#### **Characteristics**

Model	Level	Ammunition	Weight	Thickness	
Model	ZEVEI		Lbs (10x12)	Inches	
BPPE-RF1-G1 (H8211)	RFI (0101.07)	7.62x51 M80 FMJ SJ 147gr	1.8		
	Stand Alone	7.62x39 PS Ball (MSC) type 56		0.74	
	Multi Impact	5.56x45 M193 56gr			
Multi curve plate, PE, 3 sizes available, multi-impact					











### BULLET RESISTANT | 3402





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level NIJ III (0101.06).





#### Characteristics

Model	Level	Ammunition	Weight	Thickness	AD
Muuei	LEVEI	Allillullitiull	Lbs (10x12)	Inches	psf
		7.62x51 M80 (NIJ III)			
3402	III Stand <b>3402</b> Alone Multi Impact	7.62x39 M67 Max Vel. 2410 ft/s 7.62x39 M43 Max Vel. 2410 ft/s	3.2 Shooter cut	1.22	4.38
		5.56x45 M193 Max Vel. 3280 ft/s			

Single curve plate Cuts: Shooter & Full Sizes available:

Shooter: 10x12 (3.2lb) / 8x10 (2.1lb) - Full: 10x12 (3.5lb) / 8x10 (2.3lb)













### BULLET RESISTANT | 3403





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level NIJ III (0101.06).





#### Characteristics

Model	Level	Ammunition -	Weight	Thickness	AD
Muuei	LEVEI		Lbs (10x12)	Inches	psf
		7.62x51 M80 (NIJ III)			
3403	III Stand Alone Multi Impact	7.62x39 M67 Max Vel. 2410 ft/s 7.62x39 M43 Max Vel. 2410 ft/s	3.31 Shooter Cut	1.06	4.38
	IIIIpuot	5.56x45 M193 Max Vel. 3280 ft/s			

Multi curve plate Cuts: Shooter & SAPI Sizes available:

Shooter: 10x12 (3.31lb) / 8x10 (2.18lb) - SAPI: 11x14 (4.36lb) / 10.25x13.25 (3.78lb) / 9.5x12.5 (3.29lb)













### BULLET RESISTANT 3800C





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level NIJ III (0101.06)





#### **Characteristics**

Model	Level	Ammunition	Weight Lbs (10x12)	Thickness Inches
		7.62x51 M80		
3800C	III	7.62x39 - M67 Max Vel. 2410 ft/s 7.62x39 - M43 Max Vel. 2410 ft/s	2.5 Shooter cut	.95
		5.56x45 M193 Max Vel. 3280 ft/s		

Multi curve plate Cuts: Shooter & SAPI Sizes available:

Shooter: 10x12 (2.51lb) / 8x10 (1.6lb) - Law Enforcement: 10x12 (2.4lb) / 8x10 (1.6lb) SAPI: 11x14 (3.3lb) / 10.25x13.25 (2.9lb) / 9.5x12.5 (2.6lb)













Certifications apply to our quality management system, not to our products

### BULLET RESISTANT | 3810





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level NIJ III (0101.06) + special ammunition such as M855 (SS109) green tip, 7.62x39 PS Ball MSC among others.





#### **Characteristics**

Model	Level	Ammunition -	Weight	Thickness
Muuei	revei		Lbs (10x12)	Inches
		7.62x51 M80		
3810	III (0101.06) + other threats	7.62x39 - M67 Max Vel. 2410 ft/s 7.62x39 - M43 Max Vel. 2410 ft/s	3.9 Shooter Cut	0.98
		5.56x45 M855 Max Vel. 3150 ft		

Multi curve plate Cuts: Shooter & SAPI

Sizes available:

Shooter: 10x12 (3.91lb) / 8x10 (2.51b) - SAPI: 11x14 (5.41b) / 10.25x13.25 (4.71b) / 9.5x12.5 (4.11lb)













### BULLET RESISTANT | 3611C





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level NIJ III (0101.06)  $\pm$  special ammunition such, 7.62x39 PS Ball MSC, 5.56x45 M855, among others.





#### **Characteristics**

Model	Level	Ammunition	Weight	Thickness
			Lbs (10x12)	Inches
	III (0101.06) + other threats	5.56x45 M193 Max Vel. 3280 ft/s		
3611C		7.62x51 M80 (NIJ III)		
		5.56x45 M855 / SS109 Max Vel. 3150 ft/s	3.9	1.2
	Stand Alone	7.62x39 - M67 Max Vel. 2410 ft/s 7.62x39 - M43 Max Vel. 2410 ft/s		

Multi curve plate
Cuts: Law Enforcement & SAPI
Sizes available:

LE: 10x12(3.91b) / 8x10(2.51b) - SAPI: 11x14(5.61b) / 10.25x13.25(4.91b) / 9.5x12.5(4.31b)











Certifications apply to our quality management system, not to our products

### BULLET RESISTANT | BPSPE-W-G1+(H8300)





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level NIJ III (0101.06) + special ammunition such as M855 (SS109) green tip, 7.62x39 PS Ball MSC among others.





#### **Characteristics**

Model	Level	Ammunition	Weight	Thickness
			Lbs (10x12)	Inches
		5.56x45 MI93	4.20	0.75
BPSPE-III-G1+	+	7.62x51 M80 (NIJ III)		
(H8300)	Stand Alone	5.56x45 M855 / SS109		
		7.62x39 PS Ball (MSC)		
		Single curve plate		
		Cuts: SAPI		
		Sizes available: SAPI: 9.75x11.75 (4.21b) / 8x8		











### BULLET RESISTANT | BPAPE-RF2-G1 (H8301)





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.

Plates designed to protect against ammunition level RF2 (0101.07) + special ammunition such as M855 (SS109) green tip, 7.62x39 PS Ball MSC among others.





#### **Characteristics**

Model	Level	Ammunition	Weight Lbs (9.5x12)	Thickness Inches
		5.56x45 MI93		
BPAPE-RF2-G1	RF2 (0101.07)	7.62x51 M80 (NIJ III)	/ SSIO9 SAPI	0.75
(H8301)	Stand Alone	5.56x45 M855 / SS109		0.75
		7.62x39 PS Ball (MSC)		
		Multi curve plate Cuts: SAPI Sizes available: SAPI: 8.6x11.4 up to 11x14		











### BULLET RESISTANT | D1472







#### **Characteristics**

Model	l avral	Ammunition	Weight	Thickness
	Level		Lbs (10x12)	Inches
	+  CW in	7.62x54R LPS	4 DF	0.95
D1472		7.62x51 M80 (NIJ III)		
	conjunction	Diddy id Fidde (groom tip)	4.25	
	Multi-impact	7.62x39 MM PS Ball		
	14 1		4.11	

Multi curve, composite ceramic +, 8 sizes available

Plates designed to protect (ICW) together with soft panels, against NIJ III level ammunition + special ammunition such as M855 (SS109) green tip, 7.62x39 PS Ball among others.















### BULLET RESISTANT | D2772







#### **Characteristics**

Model	Level	Ammunition	Weight	Thickness
			Lbs (10x12)	Inches
	+	5.56x45 MI93	3.90	0.78
00000	ICW in	7.62x51 M80 (NIJ III)		
D2772	conjunction	5.56x45 M855 (Green Tip)		
	Multi-impact	7.62x39 PS Ball (MSC)		
	Simple curva	ture, SIC + PE ceramic, 3 sizes a	vailable	

Plates designed to protect against NIJ III level ammunition (0101.06) + special ammunition such as M855 (SS109) green tip, 7.62x39 PS Ball MSC among others.















### BULLET RESISTANT | BPSPE-IV-G1





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.



#### **Characteristics**

Model	Level	Ammunition	Weight Lbs (10x12)	Thickness Inches
=		30.06 NIJ 0101.06		
BPSPE-IV-G1	IV (NIJ 0101.06)	7.62x51 M61 & M80	7	1.0
	Stand Alone	5.56x45 M855 (Green Tip)	SAPI Cut	
		7.62x39 MM PS Ball		
	SAPI: 1	Single curve plate Cuts: SAPI Sizes available: Ox12 (71bs) / straight 10x12 (7.81bs)		

Plates designed to protect against ammunition level NIJ IV (0101.06) such as 30-06 and lower ones such as M855 (SS109) green tip, 7.62x39 PS Ball MSC among others.















Certifications apply to our quality management system, not to our products

### BULLET RESISTANT | 4601





Our ballistic plates stand out as the next generation in protection, setting the benchmark for excellence in the market. Rigorously designed and tested, they offer unparalleled safety and reliability.



#### **Characteristics**

Model	Level	Ammunition	Weight	Thickness
			Lbs (10x12)	Inches
		30.06 NIJ 0101.06	6.4 Shooter Cut	1.18
4601	IV (NIJ 0101.06)	7.62x51 M61 & M80		
	Stand Alone	5.56x45 M855 (green tip)		
		7.62x39 MM PS Ball		

Multi curve plate Cuts: Shooter & SAPI Sizes available:

Shooter: 10x12 (6.41lb) / 8x10 (4.11b) - SAPI: 11x14 (8.81b) / 10.25x13.25 (7.61b) / 9.5x12.5 (6.61b)

Plates designed to protect against ammunition level NIJ IV (0101.06) such as 30-06 and lower ones such as M855 (SS109) green tip, 7.62x39 PS Ball MSC among others.















Certifications apply to our quality management system, not to our products



The Direct Strike armament series by High-End Defense are a pinnacle of precision and power. Designed for those who demand unparalleled accuracy and unwavering reliability, the Direct Strike series stands as a testament to our commitment to excellence in military and law enforcement equipment.

Crafted with cutting-edge technology and precision engineering, the Direct Strike series embodies the very essence of superior firepower. Whether you're on the front lines, defending the homeland, or ensuring the safety of your community, this armament models empowers you with the tools you need to succeed.

Join us on a journey where every shot counts, every mission is accomplished, and every objective is secured. The Direct Strike series is more than a weapon; it's a symbol of trust, precision, and strength.



# HANDGUNS

Models: 9PS-18

9PS-19





### HANDGUNS | DIRECT STRIKE MODELS 9PS-18





Introducing our cutting-edge Direct Strike 9mm pistol model 9PS-18, designed to deliver unparalleled performance. These pistols feature a robust polymer frame seamlessly combined with a durable steel slide, striking the perfect balance between lightweight versatility and rugged reliability. Explore the future of firepower with our 9PS series.

#### **Basics Characteristics**

	SPS-18 JUUUUU
Model	9PS-18
Caliber	9x19mm
Туре	Striker Pistol
Weight	585gr or 1.29lbs
Length	181.5 or 7.14"
Length barrel	102mm or 4"
Twist	1:16 LH
Trigger	5.5lbs
Safety	At trigger
Capacity	15 rounds
Aiming	Fixed rear & front
Options	Elite Triger: smooth short reset 4 lbs. Slides: SL1 (Stnd); to SL5 Slide Finish: Black Oxide; Nickel Boron; Cerakote Barrel: Compensated











### HANDGUNS | DIRECT STRIKE MODELS 9PS-19





Introducing our cutting-edge Direct Strike 9mm pistol model PS9-19, designed to deliver unparalleled performance. These pistols feature a robust polymer frame seamlessly combined with a durable steel slide, striking the perfect balance between lightweight versatility and rugged reliability. Explore the future of firepower

with our 9PS series.

#### **Basics Characteristics**

Model	9PS-19
Caliber	9x19mm
Туре	Striker Pistol
Weight	612gr or 1.35lbs
Length	194mm or 7.64"
Length barrel	112.5mm or 4.43"
Twist	1:16 LH
Trigger	5.5lbs
Safety	At trigger
Capacity	17 rounds
Aiming	Fixed rear & front
Options	Elite Triger: smooth short reset 4 lbs. Slides: SL1 (Stnd); to SL5 Slide Finish: Black Oxide; Nickel Boron; Cerakote Barrel: Compensated











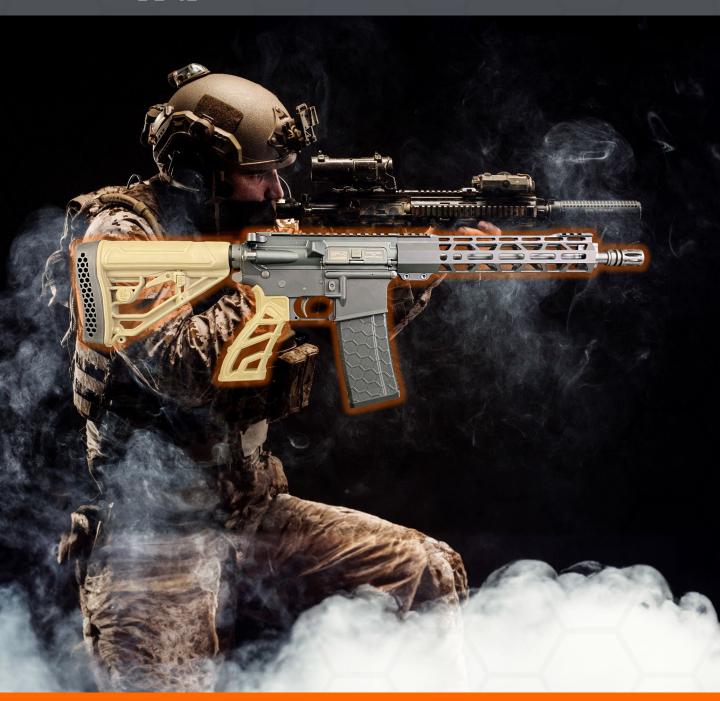
# RIFLES

Models: DS-9

DS-10

DS-15





### RIFLES DS-9





Our pistol round carbine 9mmx19 caliber, is designed for special forces and SWAT for urban and close combat use. Its almost identical to an M4 type rifle which enables standardization for the user. Power, precision & performance redefined.



Caliber	9xl9mm	
Туре	Semi and full auto	
Weight	5.5lbs (2.5kg) & 6lbs (2.7kg) ± 0.5lbs (0.22kg). (7.5 "and 10.5")	
Length	23.81" (605mm) – 30" (770mm)	
Length Barrel	7.5 "and 10.5" and others.	
Barrel Groves	1:10 "with 6 R / H grooves	
Capacity	33 rounds	
Operation	Blow Back	
Fire Rat	750-950rpm (Full-Auto)	
Finish	Black Anodized	
Aim	Front and rear: phantom boost (Models with Picatinny)	
Others	Polymer grip, Picatinny top rail, 6-point retractable stock	











### RIFLES DS-10





Our rifles HEDS-DHIO are our M4 AR style rifles in caliber 7.62x51. They are designed to operate in extreme conditions surpassing most international quality standards. We offer our rifles with different arrangements like: DI or gas piston, lengths of the barrel, selector of semi or full auto, front and rear sights (collapsible), options on rails and fixed or collapsible buttstock, among others.



Profile	Type M4	
Caliber	NATO & 7.62x51	
Action or Percussion	Rotating gas bolt	
Rails	Top upper Picatinny	
Trigger Single stage		
Barrel Guard	4-sided floating with picatinny rail, M-Lock and others	
Barrel Length	16", 18", 20" & others.	
Magazine Capacity	20	

Our rifle meets and exceeds international standards of quality and performance and environment tests

We comply with quality, performance and environment tests, we comply with TOP 3-2-045, we comply with ACE 225 NATO standard.











## RIFLES DS-10





Barrel	16"	18"	20"
Weight	4.1 Kg	4.2 Kg	4.4 Kg
Total Lenght	950 mm	995 mm	1,050 mm
Twist		1:11	

### Características Otras

Effectiveness	750m +
Firing Mechanism	Short rotating gas bolt
Gas Mechanism	Both, DI
Barrel Twist	1:9-1:11
Construction	Upper & lower: 7075 / barrel 4150 Stainless Steel & QPQ
Rails	Picatinny on upper STD 1913 and hand guard on all four sides
Stock	Retractable in 5 position, 16mm.
Front sight base	MIL-STD 1913
Performance and Reliability	MRBF (Mena Rounds Between Failure): 10,000

### Tests passed (TOP 3-2-045):

- Heating (Cook Off)

- Water injection

- Impact test: 1.5m height

- High and low temperature

- Sand, dust and static proof

- Plugged barrel

UPC: 685349762254











### RIFLES DIRECT STRIKE DS-15





Our rifles Direct Strike DHI5 are M4 AR style rifles in caliber 5.56x45. They are designed to operate in extreme conditions surpassing most international quality standards. Our rifles are available in different arrangements like: DI or gas piston, lengths of the barrel, selector of semi or full auto, front and rear sights (collapsible), options on rails and fixed or collapsible buttstock, among others.



### **Basics Characteristics**

Profile	Type M4	
Caliber	5.56x45mm NATO	
Action or Percussion	Rotating gas bolt	
Rails	Top upper Picatinny	
Trigger	Single stage	
Barrel Guard	4-sided floating with picatinny rail, M-Lock and others	
Barrel Length	14.5", 16", 18", 20" & others.	

Our rifle meets and exceeds international standards of quality and performance and environment tests

We comply with quality, performance and environment tests, we comply with TOP 3-2-045, we comply with ACE 225 NATO standard.











## RIFLES | DIRECT STRIKE DS-15





Barrel	14.5"	16"	18"	20"
Weight	6.7lbs (3.04Kg)	6.91bs (3.13Kg)	7.55lbs (3.43Kg)	8.71bs (3.95Kg)
Total Length	34.3" (872mm)	35.4" (900mm)	37.5" (953mm)	39.6" (1006mm)
Twist	1:7 or 1:8			

#### Other Characteristics

Effectiveness	400m
Firing Mechanism	Short rotating gas bolt
Gas Mechanism	Both, DI and Piston
Barrel Twist	1:7-1:8 twist
Construction	Upper & lower: 7075 / barrel 4150 Stainless Steel & QPQ
Rails	Picatinny on upper STD 1913 and hand guard on all four sides
Stock	Retractable in 5 position, 16mm.
Front sight base	MIL-STD 1913
Performance and Reliability	MRBF (Mena Rounds Between Failure): 10,000

### Tests passed (TOP 3-2-045):

- Heating (Cook Off) - Water injection - Impact test: 5 ft (1.5m) height

- High and low temperature - Sand, dust and static proof - Plugged barrel

UPC: **685349762217** 











# AMMa

Model: DS-9x19-115

DS-9x19-124

DS-5.56X45-M193

DS-5.56X45-M855





### AMM0 DS-9X19-115

### DIRECT STRIKE







#### Characteristics / FMJ-115

Casing material

Cal 9x19	V ft/s - m/s	Pmax (bar)	Accuracy
FMJ 115 gr (7.45g)	1,250 ±50 - 381 ±15	Max +35d<2850	Max 1.25" at 50yd
Element	9xl9	mm FMJ 115 gr	
Bullet Jacket	FMJ	Jacket Tombac (CuZn30) or G	M (CuZn10)
Bullet material	Car	: lead antimony alloy	
Bullet length	0.60	" / 15.25mm aprox	
Primer	Sma	ll pistol boxer noncorrosive	

Brass (CuCn30)

Casing weight 0.1280oz / 3.63g aprox.

Casing length .75" / 19mm aprox.

Cartridge weight 0.4232 oz / 12g aprox

Cartridge length 1.169" / 29.69mm

Propellant Double base / smokeless

Accuracy 50yd 1.25" / 45.72m 3.17cm (fixed barrel)

Extraction Force 250 N

Waterproof Applied (neck & primer)



Packaging (inner box): 50 Packaging (outer box): 1000











## AMM0 | DS-9X19-124

### DIRECT STRIKE







#### Characteristics / FMJ-124

C	al 9x19	V ft/s - m/s		Pmax (bar)	Accuracy
	FMJ 124 gr (8g)	1,230 ±50 - 375 :	±15	Max +35d<2850	Max 1.25" at 50yd
	Element		9x19mn	n FMJ 124 gr	
	Bullet Jacket		FMJ Jac	ket Tombac (CuZn30) or Gl	M (CuZn10)
	Bullet material		Core: le:	ad antimony alloy	
	Bullet length		0.60 " /	′ 15.25mm aprox	
	Primer		Small pistol boxer noncorrosive		
	Casing material		Brass (C	CuCn30)	
	Casing weight		0.1280a	z / 3.63g aprox.	
	Casing length		.75" / 19	lmm aprox.	
	Cartridge weight		0.4392	oz / 12.45g aprox	
	Cartridge length		1.169" /	29.69mm	
	Propellant		Double t	oase / smokeless	
	Accuracy		50yd 1.2	5" / 45.72m 3.17cm (fixed bar	rel)
	Extraction Force		250 N		
	Waterproof		Applied	(neck & primer)	



Packaging (inner box): 50 Packaging (outer box): 1000











### AMM0 DS-5.56X45-M193

\*\*\*\*\* MADE IN U.S.A



Our Direct Strike series of ammo stands as a testament to our commitment to excellence in military and law enforcement ammo.



### Technical Data

Bullet Type	55grs M-193 BOAT TAIL FMJ
Bullet Material	Jacket CuZn10 / Core: lead antimony
Bullet Length	0.74" / 18.79 mm aprox.
Bullet Weight	55grain
Primer	(SR) Small Rifle
Propellant	Small arms / smokeless
Cartridge weight	11.45grams / 0.40-ounce aprox.
Cartridge length	2.2" / 57mm
Accuracy	109yards / 100m - Max 1.57" / 4cm
Extraction Force	20.4 kgf

Cal 5.56	Velocity fps	Pressure	Accuracy
M193 Ball	3,050 (10ft)	53,000 aprox.	Max 1.57" at 109yd

### Packaging:

- 20 rounds on plastic tray in cardboard box
- 50 cardboard boxes in metal box M2A1
- 2 metal boxes (2000 rounds) in wire bound wooden box













### AMM0 DS-5.56X45-M855





Our Direct Strike series of ammo stands as a testament to our commitment to excellence in military and law enforcement ammo.



#### Technical Data

Bullet Type	M855 (SS109)
Bullet Material	Jacket CuZn10 / Core: lead antimony
Bullet Length	0.92" / 23.4 mm aprox
Bullet Weight	62gr
Primer	(SR) Small Rifle
Propellant	Small arms / smokeless
Cartridge weight	12.45 aprox
Cartridge length	2.26" / 57.4 mm
Accuracy	109yards / 100m - Max 1.57" / 4cm

Cal 5.56	Velocity fps	Pressure	Accuracy
M855 (SS109)	3,100 (10ft)	51,500 aprox.	Max 1.57" at 109yd

### Packaging:

- 20 rounds on plastic tray in cardboard box
- 50 cardboard boxes in metal box M2A1
- 2 metal boxes (2000 rounds) in wire bound wooden box















Introducing our cutting-edge optics including our pistol, rifle sights, NVG'S & binoculars. Precision, Clarity, and Tactical Advantage Unleashed.

At HEDS, we're dedicated to equipping you with the most advanced and reliable optics for your needs. Our sights and night vision technology are designed to enhance your shooting experience, whether you're a law enforcement professional, a dedicated marksman, or a passionate hunter.

With unparalleled precision, crystal-clear optics, and the ability to own the night, our products empower you to take your shooting capabilities to the next level. Our commitment to quality and innovation ensures that you'll always have the upper hand in any shooting scenario.

Join us in exploring the future of firearm optics. Experience the difference with HEDS. Your vision, our optics – a tactical advantage like no other.



## SIGHTS

Models: DS-RDS-G1-M

DS-SRS-1x22

DS-SRS-1x25

DS-SRS-SP-1x22

DS-SRS-SP-1x25





### PISTOL SIGHTS DS-RDS-G1-M

Introducing our AMAGNET mount Red Dot Sight model DS-RDS-G1-M, Innovation with precision at your fingertips.

This advanced sighting solution combines unparalleled precision with a unique patent pending magnetic mounting system that ensures effortless attachment with no MOS or slide modifications.

Say goodbye to MOS or complicated installations (Gunsmith) and hello to a smooth, tool-free setup that stays securely in place, even during rapid-fire action due to this state-of-the-art high-power, easy-to-attach magnet mount.

Tested with over 15,000 rounds - retaining zero
Tested at NTS – an NIJ accredited lab - retaining zero
Magnet tested with forces of 50lbs





The mounting system invented and patented by uses a high-power Magnet, that is now being produced in USA by HEDS. The sight also comes with an alternative Picatinny mount.

For close-in work and general shooting. IPX6 waterproof (1 meter water for 30 min) and shockproof to 1000 g

Mount made of aluminum alloy 6061 T6 in durable black mate finish.

Mount & sight tested at TS an accredited National Institute of Justice (NIJ) lab. Results complied and exceeded testing protocol proving that mount and sight remained at zero after multiple shots.













### PISTOL SIGHTS | DS-RDS-G1-M

### Characteristics

Magnification	N/A	
Windows Lens Size	17x24mm / 0.7x0.9in	
Length	40.6mm / 1.6in (Sight) – 50mm / 1.97in (with mount)	
Width	25.4mm / 1.0in (sight) – 29mm / 1.14 (with mount)	
Height	24.3mm / 0.96in (sight) – 30.2mm / 1.19 (with mount)	
Weight (net)	19g / 0.67pz (sight) - 51g / 1.79oz (with mount)	
Eye Relief	Free	
Optics Coating	Multi Coated	
Parallax	Free (<2MOA)	
Parallax Setting	25 yards	
Adjustment Range	>45MOA	
Reticles	3MOA Dat, Circle (4DMOA), Circle with Dat	
Dot Intensity	8 levels & 2 NV	
Dat type	Red, green & multi reticle red	
Footprint	MAG	
Working Temperature	-20~+55C	
Housing Material	6061-T6 aluminum alloy	
Compatible	R.M.S. footprint	
Battery Type	CR2032	
Battery Runtime	50,000 hours for weakest dot	

#### Items Included:

- Red dot sight
- Rubber lens cover
- Magnetic Mount
- Hex keys
- Picatinny Mount
- Screws and cleaning cloth
- Iron rear sight
- -Manual















### PISTOL SIGHTS DS-RDS-G1-M





### Mounting models available

Glock	Sig	HK	Beretta	CZ	Bersa	Springfield	Tanfoglio
17-45 all Gen	2022	USP	APX	Shadow	BP	XD	Stack 3
G22 Gen5 / 40 S&W	P320			P07	TPR		
G23 Gen 5 compact / 40S&W				PIO	TPR XT		
G27 Gen 5 Sub compact / 40S&W							
Slim 22							
MOS Slides (25.5)							

For Glock sizes available for slide 25.5 / 28.5 and 25.5 with MOS Upcoming models: CA. Taurus, Springfield & 1911



Red Dot



DS-RDS-G1-M

Green Dot



Red Multi-Dot

Magnet mount also available for the following Red Dot Sights:

Mount for Glock MOS slides

Trijicon: SRO, RMR Ameriglo: Heaven

Holosun: 507



**FOLOSUN** 











### RIFLE SIGHTS | DS-SRS-1X22

Our sight DS-SRS-1X22 Direct Strike Small Rifle Sight, is a red dot sight designed for small caliber rifles.

Is small in size allowing its use with little weight sacrifice. It is battery operated with a long life.

It has multiple Dot intensity levels & NV capabilities.



	_
Multicoated	Yes
Mag	Non
Lens Size	22mm (0.9")
Length	Total 64mm (2.5")
Width	38mm (1.5")
Height	70mm (2.7")
Weight	140g (4.9az)
Parallax	<1MOA @ 100yards
Elevation Range	>45MOA
Windage Range	>45MOA
DOT size	2MDA
DOT Intensity	8 levels plus 2 NV
Mount tolerance	<b>7МП</b> Δ













# RIFLE SIGHTS | DS-SRS-1X22





### Other Characteristics

Battery	CR2032
Runtime	>180,000 hrs (small DOT)
On	With motion sensor
Shut-off	Sensor, auto 2 min
Shock	800g 500 cycles
More	- 1 MOA adj with click, + 45 MOA adjustment range - 1/3 co-witness & absolute co-witness with low & riser mount - IP67 waterproof













## RIFLE SIGHTS | DS-SRS-1X25

Our sight DS-SRS-1X25, Direct Strike Small Rifle Sight, is a red dot sight designed for small rifle caliber.

Is small in size with great versatility with battery.

It has multiple Dot intensity levels & NV capabilities.

### **Characteristics**

Multicoated	Yes
Mag	Nan
Lens Size	25mm (1")
Length	Total 70mm (2.7")
Width	46mm (1.8")
Height	70mm (2.7")
Weight	190g (6.7oz)
Parallax	<imoa 100yards<="" @="" th=""></imoa>
Elevation Range	>45MOA
Windage Range	>45MOA
DOT size	2MOA
DOT Intensity	8 levels plus 2 NV
Mount tolerance	2MDA













## RIFLE SIGHTS | DS-SRS-1X25





### Other Characteristics

Battery	CR2032
Runtime	>50,000 hrs (small DOT)
On	With motion sensor
Shut-off	Sensor, auto 2 min
Shock	800g 500 cycles
More	- 1 MOA adj with click, + 45 MOA adjustment range - 1/3 co-witness & absolute co-witness with low & riser mount - IP67 waterproof













### RIFLE SIGHTS DS-SRS-SP-1X22

Our sight DS-SRS-SP-1X22, Direct Strike Small Rifle Sight, Solar Power, is a red dot sight designed for small rifle caliber.

Is small in size, with great versatility engaged with Solar Power & battery up to 180,000 hrs.

It has multiple reticles with multi-intensity levels  $\boldsymbol{\delta}$  NV capabilities.

#### **Characteristics**

Multicoated	Yes
Mag	Non
Lens Size	22mm (0.9")
Length	Total 64mm (2.5")
Width	43mm (1.6")
Height	70mm (2.7")
Weight	140g (4.9oz)
Parallax	<1MOA @ 100yards
Elevation Range	>45MOA
Windage Range	>45MOA
DOT size	2MOA Dot, Crosshair, Circle with dot
DOT Intensity	8 levels plus 2 NV
Mount tolerance	2MDA













## RIFLE SIGHTS | DS-SRS-SP-1X22





### Other Characteristics

Battery	CR2032
Runtime	>180,000 hrs (small DOT)
On	With motion sensor
Shut-off	Sensor, auto 2 min
Shock	800g 500 cycles
More	- 1 MOA adj with click, + 45 MOA adjustment range - 1/3 co-witness & absolute co-witness with low & riser mount - IP67 waterproof













### RIFLE SIGHTS | DS-SRS-SP-1X25

Our sight DS-SRS-SP-1X25, Direct Strike Small Rifle Sight, Solar Power, is a red dot sight designed for small rifle caliber.

Is small in size with great versatility available with battery and solar power.

It has multiple Dot intensity levels & NV capabilities.

### **Characteristics**

Solar Power	Yes
Multicoated	Yes
Mag	Non
Lens Size	25mm (0.9")
Length	Total 70mm (2.7")
Width	52mm (1.8")
Height	70mm (2.7")
Weight	190g (6.7oz)
Parallax	<1MOA @ 100yards
Elevation Range	>45MOA
Windage Range	>45MOA
DOT size	2MOA Dot, Crosshair, Circle with dot
DOT Intensity	8 levels plus 2 NV
Mount tolerance	2MDA













## RIFLE SIGHTS | DS-SRS-SP-1X25





### Other Characteristics

Battery	CR2032	
Runtime	>180,000 hrs (small DOT)	
On	With motion sensor	
Shut-off	Sensor, auto 2 min	
Shock	800g 500 cycles	
More	- 1 MDA adj with click, + 45 MDA adjustment range - 1/3 co-witness & absolute co-witness with low & riser mount - IP67 waterproof	













# NIGHT VISION SYSTEMS

Models: H-PVS-7

**H-PVS-14** 

**B-SVA-NA-H** 





### NIGHT VISION SYSTEM H-PVS-7





Our H-PVS-7, is a night vision binocular with an objective lens, which can be used by hand or mounted on helmets. We can build it with different specifications (signal to noise ratio, photocathode, resolution and image intensifier tubes up to 1,600FOM, if exported).

Our H-PVS-14 has water resistant capabilities and uses two AA batteries that last approximately 30 hours of use. It is designed to meet MIL-STD-810G and PREF-49313 standards.

Characteristics	
Magnification	1x
Viewing Angle	40°
Eye Relief	15mm
Distance Focusing Objective Lens	27mm
Objective Lens Number	F: 1.2
Focus Range	25cma∞
Diopter Adjustment	+2 ta -6
Battery	ZxAA
Dimensions	194.5–149mm (without eye rubber) x 157-131mm (center case) x 78mm
Weight	470.5g
Temp. Operational	-51 °C to + 50 °C



## NIGHT VISION SYSTEM | H-PVS-7





### Features Intensifier Tube

Generation	3
Option	Auto-Gated
Signal to Noise	19-24 (min)
Gain	Adjustable
Photocathode	1350 (min)
Halo	No less than .85
FOM	1,400-1,600 max
Resolution	64-72 lp/mm





### NIGHT VISION SYSTEM H-PVS-14





Our H-PVS-14 is the standard night vision monocular of US military forces and of many other countries. This can be used in hand or mounted on helmets behind a daytime sight to convert it into night sight. The H-PVS-14 is manufactured with the best and most advanced intensifier tubes and internal components available on the market. We can build it with different specifications (signal to noise ratio, photocathode, resolution and image intensifier tubes up to 1,600FOM, exportable version).

Our H-PVS-14 has waterproof capabilities and uses AA battery that lasts approximately 50 hours of use. It is designed to comply with the MIL-STD-810G and PRF-49313 standards.

#### **Characteristics**

bilai abtel latica		A46
Magnification	1x	
Viewing Angle	40°	
Eye Relief	15mm	
Distance Focusing Objective Lens	27mm	
Objective Lens Number	F: 1.2	
Focus Range	25cma∞	
Diopter Adjustment	+2 to -6	
Battery	1x1.5 vol	
Dimensions	15cm x 15cm x 8cm	
Weight	315g (not including battery)	
Temp. Operational	-51 °C to + 50 °C	



## NIGHT VISION SYSTEM | H-PVS-14





### Features Intensifier Tube

Generation	3	
Option	Auto-Gated	
Signal to Noise	19-24 (min)	
Gain	Adjustable	
Photocathode	1350 (min)	
Halo	No less than .85	
FOM	1,400-1,600 max	
Resolution	64-72 lp/mm	$\rightarrow$





### NIGHT VISION SYSTEM H-AN/AVS-9





Dur H-AN / AVS-9, is the standard night vision binocular of US military forces and of many other countries. This is used by pilots of rotary wing aircrafts in night operations. The monocular H-AN / AVS-9 is manufactured with the best and most advanced intensifier tubes and internal components available on the market.

We can build it with different specifications (signal to noise ratio, photocathode, resolution and image intensifier tubes up to 1,600FOM, exportable version).

Our H-AN / AVS-9 has brightness filters to reduce the flash of equipment and instruments of the flight deck. It is designed to meet MIL-STD-810G and PREF-49313 standards.

#### **Characteristics**

Magnification	1x
Viewing Angle	4D°
Eye Relief	25mm 7,9°,1"
Distance Focusing Objective Lens	27mm
Interpapillary Adjustment	25-72cm
Diopter Adjustment	+2 to -6
Battery	Z×AA
Dimensions	11.5cm x 13cm x 9cm
Weight	540g
Temp. Operational	-51 °C to + 50 °C



## NIGHT VISION SYSTEM H-AN/AVS-9





### Features Intensifier Tube

Generation	3	
Option	Auto-Gated	
Signal to Noise	19-24 (min)	
Gain	Adjustable	
Photocathode	1350 (min)	
Halo	No less than .85	
FOM	1,400-1,600 max	
Resolution	64-72 lp/mm	







# BINOCULARS

Models: B-1010-6x30

B-1060-8x42





### TACTICAL BINOCULARS | B-1010-6X30/8X30/7X50/10X50/12X50

\*\*\*\*\* MADE IN U.S.A



We manufacture binoculars for tactical police or military use. We manufacture a different range of binoculars to maximize the needs of the user.

Our models B-1010-6x30 / 8x30 / 7x50 / 10x50 / 12x50 are tactical binoculars with different magnifications and an objective diameters.

They are used by troops in field training and operations. Our binocular are nitrogen sealed, manufactured to meet and exceed norm MIL-STD-810G.







# **OPTICS**

## TACTICAL BINOCULARS | B-1010-6X30/8X30/7X50/10X50/12X50





#### **Characteristics**

Model	B-1010-6x30	B-1010-8x30	B-1010-7x50	B-1010-10x50	B-1010-12x50
Magnification	Gx	8x	7x	10x	12x
MOD	6x3D	8x30	7x50	10x50	12x50
Material (ext)	NBR + PVC	NBR + PVC	NBR + PVC	NBR + PVC	NBR + PVC
Objective Lens	ф30±1mm	ф30±1mm	ф50±1mm	<b>ф</b> 50±1mm	<b>ф</b> 50±1mm
Ocular Lens	ф21.5±1mm	ф21.5±1mm	ф21.5±1mm	ф21.5±1mm	ф21.5±1mm
Exit Pupil	ф5mm±10%	ф3.75mm±10%	φ7mm±10%	<b>φ</b> 5mm±10%	φ4.lmm±10%
Exit Pupil Distance	23mm	16mm	25mm	18.5mm	16mm
Field of View	8.50	7.8°	6.80	60	5.20
Field of View at 1000m	149m	136m	119m	105m	9lm
Field of View at 1000yds	447ft	408ft	357ft	315ft	273ft
Diopter System	>-		Both eyes		
Inter-pupilar Distance			52~73mm		
Focus System			Center		
Focusing Adjustment			-4 to +4 diopter		
Prism System			Pual / Porro		
Prism Glass Material			Bak4		
Optical Configuration	3E2G	4E3G	3E2G	4E3G	4E3G
Lens Coating	95	% FMC, 420-680mmR<0	1.5% (Avg), 420-680R>19	%(ABS), 550nm(MGF2)	
Prism Coating			550nm (MGF2)		
Nitrogen Alled			Yes		
Size	175x60x128mm	175x60x128mm	190x60x182mm	190x60x177mm	190x60x177mm
Weight	680g	690g	885g	998g	910g



# OPTICS

## TACTICAL BINOCULARS | B-1050-8X42L-1800





We manufacture binoculars for police, military or tactical use. We manufacture a different range of binoculars to maximize user needs.

Our model B-1060-8x42L-1800, is a tactical binocular with magnification of x 8 and an objective diameter of 42 that incorporates a laser range finder with a range of up to 1800m. It is used by troops in field training and operations. This is a nitrogen sealed binocular and manufactured in compliance with the military standard MIL-STD-810G.

This model offers a clear, clean and bright image and features a CFR21 class 1 laser that can acquire objects from 5 to 1800m in either metric or yard measurements and with angle measurement.







#### Laser

Range	5-1800 (available 5-1500 and 2000)	
Unit Measured	M and Yd	
Measuring Range	+/- 600	
Deviation	+/- 50	
Accuracy	+/- 1m +/- 0.1%	
Туре	FDA 1 (CFR21)	
Long Wave	905nm	
Display	LCD	
Protection Level	IP54	



# **OPTICS**

# TACTICAL BINOCULARS | B-1060-8X42L-1800





#### Characteristics

Magnification	8x	
Objective Diameter	42°	
Nitrogen	Yes / sealed	
Viewing Angle	70	
Eye Relief	16mm	
Focus	Eyepiece	
Ocular Output	5.3mm	
1000m Field of View	122m 7º	
Coating and Transfer (lenses)	≥ 95% (each optical lens and prism) Light transmission	
Coating	Fully Coated (FMC Fully Multi Coated) / Broadband Film	
Dioptric Adjustment	± 4 (each eye)	
Armor	Waterproof long life and resistance (oil, acid, salt water, extreme temperature and shock absorber)	
Height and Angle Measurement	Yes	
Option	SUMR type grid	
Weight	1,141 grams	
Temperature	-55 +70	
Battery	CR2-3V Lithium	
Auto Off	30 sec	
Work Duration	10k approx	
Standard	Manufactured according to MIL-STD-810G	
Size	173mm x 135mm x 64mm approx	
Accessories Included	Lens caps, transport strap with adjustment, case and cleaning kit	
Color	Black, green and coffee	





Introducing the ultimate in head protection: High-End Defense Helmets. Designed for those who face danger head-on, our helmets are a testament to cutting-edge technology, rigorous testing, and unwavering commitment to safety.

Crafted with precision engineering and fortified with advanced materials, our Ballistic & Safety Helmets provide a shield for the brave individuals who protect and serve. Whether you're in law enforcement, the military, or any field where safety is paramount, our helmets are your trusted partner.

Join us in embracing a future where every head is shielded, every mission is safer, and every wearer can focus on the task at hand. High-End Defense Helmets are more than protective gear; they're a symbol of trust, innovation, and strength.

Elevate your protection with High-End Defense Helmets, where safety meets innovation, and where your well-being is our top priority.



# BALLISTIC

Models: BH-FAST-IIIA-G5

BH-ACH-IIIA-G5

BH-PASGT-IIIA-G5





## BALLISTIC HELMET BH-FAST-WA-G5

Our FAST Future Assault Shell Technology style helmets meet and exceed the standards NIJ-0106.01, HPW-TP-0401.01B, STANAG 2920 among others. Our helmets are designed to reduce BFS even achieving 0 BFS when tested with 9x19mm rounds.

#### **External Features**

Shell Material	Aramid
External Paint	Elastic paint
Color	Black, Green and Tan
Rim Material	Rubber
Sizes	S, M, L, XL
Weights	(varies depending on the accessories and suspension and clamping systems) 810-1,300gr

#### **Ballistic Characteristics**

Performance	NIJ 0106.01 mod and 0401.01B level IIIA
IIIA Ammunition	9mm FMJ 124gr / .3.57 Mag JSP 158gr / .44 Mag SJHP 240gr
V50 Performance	Min 700 m/sec (17 gr FSP)
Accessories	Side rail with adapter for masks or glasses, front mount for NVS. Velcros
Warranty	5 years

### BALLISTIC HELMET BH-FAST-WA-G5





#### Internal Features

Retention and suspension system: equipped with 4-point chin suspension with nape band with vertical circumferential adjustment. Also available with "Pads" and dial adjustment on the neck pad.

Options on suspension & retention systems, please reference to our CAP-G1 or Liner-G1 or PAD-A4 padding system and WRS retention system.







Pictures for of our FAST shell







Our helmets comply and exceed norms Standard NIJ-0106.01 & 0401.08 Level NIJ IIIA STANAG 2920 / V50 700 m/sec.

BALLISTIC HELMET BH-ACH-WA-G5

Our ACH Advanced Army Combat Helmet style helmets meet and exceed the standards NIJ-0106.01, HPW-TP-0401.01B, STANAG 2920 among others. Our helmets are designed to reduce BFS even achieving D BFS when tested with 9x19mm rounds.

#### **External Features**

Shell Material	Aramid
External Paint	Elastic paint
Velcro	Top end, helmet sides, and back
Color	Black, Green and Tan
Edge Material	Rubber
Sizes	S / M and L / XL
Weights	(varies depending on the accessories and suspension and support systems) 1,200-1,400gr

#### **Ballistic Characteristics**

Performance	NIJ 0106.01 mod and 0401.08B level IIIA	
IIIA Ammunition	9mm FMJ 124gr / .3.57 Mag JSP 158gr / .44 Mag SJHP 240gr	
V50 Performance	Min 700 m/sec (17 gr FSP)	
Accessories	Side rail with adapter for masks or glasses, front mount for NVS. Velcros	
Warranty	5 years	

We make this shell in 3 different cuts, Low, Medium & High





Medium Cut



Low Cut



## BALLISTIC HELMET | BH-ACH-WA-G5





#### Internal Features

Retention and suspension system: equipped with 4-point chin suspension with nape band with vertical circumferential adjustment. Also available with "Pads" and dial adjustment on the neck pad.

Options on suspension & retention systems, please reference to our CAP-G1 or Liner-G1 or PAD-A4 padding system and WRS retention system.







Pictures for of our ACH High Cut shell









Our helmets comply and exceed norms Standard NIJ-0106.01 & 0401.08 Level NIJ IIIA STANAG 2920 / V50 700 m/sec.

Supplier of the US Special Forces

Supplier of the Colombian Air Force

# BALLISTIC HELMET | BH-PASGT-IIIA-G5

\*\*\*\*\*
MADE IN U.S.A



Our PASGT Personnel Armor System for Ground Troops style helmets meet and exceed the standards NIJ-0106.01, HPW-TP-0401.01B, STANAG 2920 among others. Our helmets are designed to reduce BFS even achieving 0 BFS 9 when tested with 9x19mm rounds.

#### **External Features**

Shell Material	Aramid
External Paint	Elastic paint
Color	Green and Tan
Edge Material	Rubber
Sizes	S / M and L / XL
Weights	(varies depending on the accessories and suspension and clamping systems) 1,300-1,450gr

#### **Ballistic Features**

Performance	NIJ 0106.01 mod and 0401.08B level IIIA
IIIA Ammunition	9mm FMJ 124gr / .3.57 Mag JSP 158gr / .44 Mag SJHP 240gr
V50 Performance	Min 650 m/sec (17 gr FSP)
Accessories	Side rail with adapter for masks or glasses, front mount for NVS. Velcros
Warranty	5 years

# BALLISTIC HELMET | BH-PASGT-IIIA-G5





#### Internal Features

Retention and suspension system: equipped with 4-point chin suspension with nape band with vertical circumferential adjustment. Also available with "Pads" and dial adjustment on the neck pad.

Options on suspension & retention systems, please reference to our CAP-G1 or Liner-G1 or PAD-A4 padding system and WRS retention system.



Supplier of the US Special Forces

Meets & exceeds
Standard NIJ-0106.01 & 0401.08
Level NIJ IIIA
STANAG 2920 / V50 650 m/sec.



# NON BALLISTIC HELMET | RAM-G1

Our latest bump helmet is made to comply with the demands of an active user, providing proper protection and comfort for tactical use, SAR and active sports. Is made of light plastic with top opening for breathability and comfort pads for protection.





#### **Features**

Extras

Shell Material	High impact proprietary plastic
Sizes	One size fits all (adjusted with padding)
Weight	715 +/-15g (with rails and NVG mount)
Color	Black, tan, green, red, white, and other colors
Suspension System	Removable EVA foam cushions + soft foam insert
Retention System	Chinstrap with 4 adjustment points + rear dial adjustment knob
Evtnas	Specially design Hooks, 2 side rails, front mount with bungee straps, 1 picatinny

rail and multi adapter for side rails



# SUSPENSION & RETENTION SYSTEM

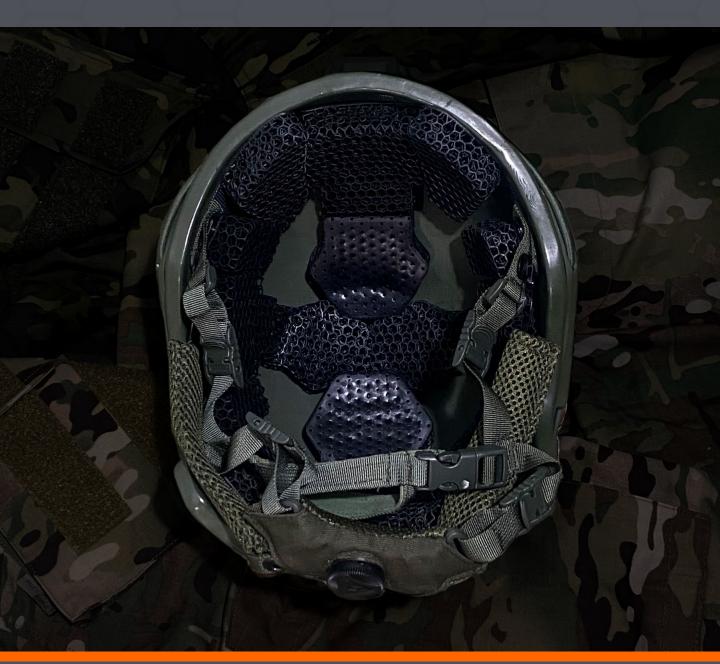
Models: LINER-G1

CAP-G1

PAD-G1

WRS



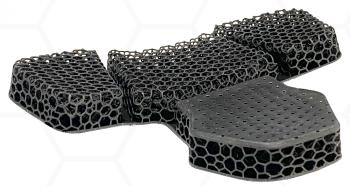


## SUSPENSION SYSTEM | LINER-G1

\*\*\*\*\* MADE IN U.S.A



Dur suspension system model LINER-GI, (Carbon Absorbing Pads), is our newest system designed mainly to reduce the transfer of energy from impacts to the head (including BFS from projectiles) while providing the best airflow possible through its intricate mesh, allowing a refreshing embrace.



#### **Features**

Material	Carbon rubber proprietary mesh
Finished	Mesh
Thickness	1/4" to 1"
Adjustment	Via hook & loop
Pieces	Multi pad 4 pieces system
Ventilation	Maximum
Water Absorption	Non







Certifications apply to our quality management system, not to our products

## SUSPENSION SYSTEM | CAP-G1





Our suspension system model CAP, Carbon Absorbing Pads, is our newest system designed mainly to reduce the transfer of energy from impacts to the head (including BFS from projectiles) while providing the best airflow possible through its intricate mesh, allowing a refreshing embrace.



#### **Features**

Material	Carbon rubber proprietary mesh	
Finished	Mesh	
Thickness	1/4" to 1"	
Adjustment	Via hook & loop	
Pieces	Multi pad (6-8) or 4 pieces system	
Ventilation	Maximum	
Water Absorption	Non	









## SUSPENSION SYSTEM | PAD-A4





Our suspension system model PAD-A4, is designed mainly to improve the comfort of the user and decrease the transfer of energy from impacts to the head (including BFS from projectiles).

#### **Features**

Finished	Thermo-sealed	
Thickness	13mm ± 2mm	
Weight	85 gr max	High density foam water repellent fabric
Pieces	3 pieces (12-15 pads)	i ehelletir tanı ic
Extra	Internal Comfort Pads (6 pads)	
Material	High density memory foam coated with wate fabric	er repellent and anti fungal flannel







## RETENTION SYSTEM | WRS

Our WRS retention system was designed to improve the way the helmet is fastened to the user.

This new design is floating, supported by floating cables, which allows an excellent grip on the user's head.

It has a tightening & quick release system by a dial knob in the neck protection pad.







#### **Features**

Material	Nylon, PP, Polyester, metallic cable (steel), and Memory Foam coated with water repellent and anti fungal fabric, leather interior chin strap
	and anti tungai tabric, leather interior chin strap

Metal Cable	0.88 ± 0.05
-------------	-------------

Settinas	4 points + rear	dial

Thickness (strap) 1 ± 0.10mm approx

Width (strap)  $15 \pm 1$ mm

Weight 90 gr max

Neck Protector

Material Oxford 9000 polyester water resistant

Thickness 20mm ± 1mm

Size 11x7mm







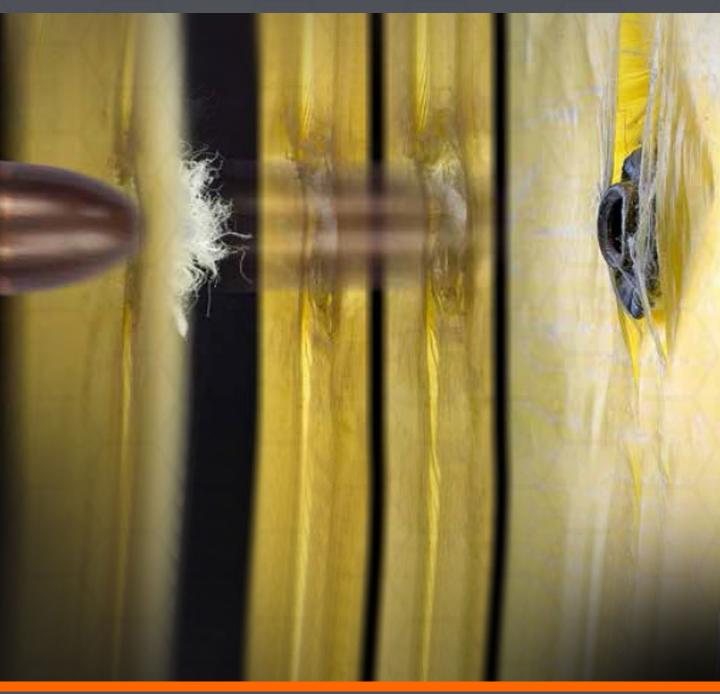
Introducing our cutting-edge armoring solutions: we manufacture Aramid and Polyethylene panels, and high strength steel plates capable of defending from multiple calibers from bullets of handguns to rifles. Unyielding in the face of adversity, our armor materials ensures your safety and security in the most demanding situations. Discover the pinnacle of protection with our innovative products.



# ARAMID PANELS

Models: Uni-Directional (UD)
Bi-Directional (BD)
Impact Shield Flex

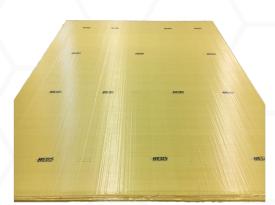




## ARAMID PANELS | UNI-DIRECTIONAL (UD)

This fabric is composed of aramid yarns arranged unidirectional on a resin film, also forming angles of  $90^\circ$  but superimposed, alternating a horizontal layer, with a vertical layer and so on. They are pressed from two to four layer per fabric.

- Manufacturer by HEDS.
- Material rigid UD aramid.
- Excellent plates for protection.
- Complies with the NIJ levels IIA, I and IIIA.



Model	Size	Thickness	Weight	Protection
Impact Shield Lite 2.00m²	1.60m x 1.25m	3.1mm	18.0Lbs	AZ-AIII LIN
Impact Shield Lite 2.20m²	1.60m x 1.37m	3.1mm	19.8Lbs	AZ-AIII LIN
Impact Shield 9	1.60m x 1.25m	3.5mm	20.3Lbs	AZ-AIII LIN
Impact Shield 11	1.60m x 1.25m	4.3mm	24.8Lbs	NIJ IIIA-PLUS SA
Impact Shield Flex	1.60m x 1.25m	3.7mm	17.3Lbs	AZ-AIII LIN
Impact Shield Flex 2	1.60m x 1.375m	3.7mm	19.1Lbs	AZ-AIII LIN

## ARAMID PANELS | BI-DIRECTIONAL (BD)





Aramid is a synthetic fiber, robust and resistant to heat, used in ballistic protection for vehicles, vests and helmets, among others.

In the bi-directional aramid fabric, the yarns are interwoven forming angles of 90 degrees with each other, making it a conventional fabric.

It is pressed with different number of layers depending on the level of ballistic protection required.

- Manufacturer by HEDS.
- Material Woven aramid.
- Excellent plates for protection.
- Complies with the NIJ levels IIA, II and IIIA.
- We can make different dimensions according to your requirement.

Model	Size	Thickness	Weight	Protection
Woven Aramid 13 Layers 1.95m²	1.00m x 1.95m	6.5mm	29.0Lbs	AZ-AIII LIN
Woven Aramid 13 Layers 2.00m²	1.25m x 1.60m	6.5mm	29.0Lbs	AZ-AIII LIN
Woven Aramid 13 Layers 3.04m²	1.52m x 2.00m	6.5mm	43.0Lbs	AZ-AIII LIN
Woven Aramid 13 Layers 1.95m²	1.00m x 1.95m	6.5mm	29.0Lbs	AZ-AIII LIN
Woven Aramid 13 Layers 2.00m²	1.25m x 1.60m	6.5mm	29.OLbs	AZ-AIII LIN

## ARAMID PANELS IMPACT SHIELD FLEX

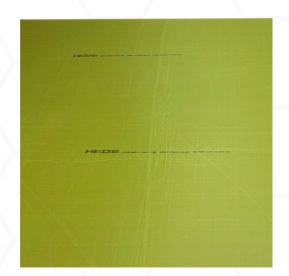




Our aramid panels are very flexible and stable, capable of rejecting projectiles up to Level IIIA according to the NLI Standard.

These panels are used in the shielding of the opaque sections of a vehicle, architectural shielding, or any other desired application.

- Manufacturer by HEDS.
- Material aramid UD Flexible.
- Excellent plates for protection.
- Complies with the NIJ levels IIA, II and IIIA.



Model	Size	Thickness	Weight	Protection
Flex 2.20m <sup>2</sup>	1.60m x 1.375m	3.7mm	19.1Lbs	AZ-AIII LIN
Flex 2.00m²	1.60m x 1.250m	3.7mm	17.3Lbs	NIJ IIIA-SA



## POLYETHYLENE PANELS HIGH DENSITY





The High Density polyethylene, is a thermoplastic polymer made up of ethylene repeating units. It is also known as HDP (HIGH DENSITY POLYETHYLENE).

The structure of the HDP is linear, without ramifications, through the process of compression of several layers are obtained panels of different thickness depending on the threat or ammunition from which you want to be protected. We offer panels from level IIIA to level III Plus.



- Manufacturer by HEDS.
- Material Polyethylene.
- Excellent plates for protection.
- Complies with the NIJ levels IIIA, III and III+.
- As manufactures we can make different measurements, sizes, and thickness based on your requirement.

Model	Size	Thickness	Weight	Protection
PE 13L	1.375m x 1.60m	3.0mm	29.0Lbs	AIII LIN
PE 72L	1.375m x 1.60m	19.0mm	100.0Lbs	NIJ III
PE 86L	1.375m x 1.60m	23.0mm	120.0Lbs	NIJ III+

# STEEL PLATES Models: AR 500 BR & MILL 46100

## BALLISTIC STEEL AR 500 BR & MILL 46100





The HEDS steel plates have their respective ballistic certifications and certificates of chemical composition. Our hard Brinell 500 steels are the most commonly used fr the shielding of VIP vehicles and stock transport trucks.

We keep inventories of steel from 2.5mm to 12mm thick in sizes from 48x96cm to 288x96cm. We comply with the military standards that require that the chemical composition of the steels be equal in the totality of each piece.



#### Steels

1/8" (weight 163.35#)	.125 <b>"</b> x 48 <b>"</b> x 96"
1/8" (weight 255.25#)	.125" x 60" x 120"
3/16" (weight 245.00#)	.1875 <b>"</b> x 48" x 96"
4mm (weight 321.00 #) 525 BR	.1575" x 60" x 120"
5.2mm (weight 268.00#)	.205" x 48" x 96"
1/4" (weight 327.00 #)	.25 <b>"</b> x 48 <b>"</b> x 96"
5/16" (weight 409.00 #)	.3125 <b>"</b> x 48 <b>"</b> x 96 <b>"</b>
3/8" (weight 490.00 #)	.375" x 48" x 96"
1/2" (weight 655.00#)	.50" x 48" x 96"
MIL 46100 1/8" (weight 163.35#)	.125 <b>"</b> x 48 <b>"</b> x 96"
MIL 46100 3/16" (weight 245.00#)	.1875 <b>"</b> x 48 <b>"</b> x 96"
MIL 46100 5/16" (weight 409.00 #)	.3125" x 48" x 96"

#### Measurements

48" x 96"	48" x 120"	48" x 288"
60" x 120"	60" x 288"	96" x 288"



Introducing our cutting-edge less lethal gear and chemicals – where innovation meets safety. Uur advanced solutions provide law enforcement and security professionals with effective non-lethal options to maintain public safety while minimizing harm. From crowd control to personal defense, we've got you covered with products designed to protect lives and communities.



# RIOT GEAR

Models: ARH-1015

ARS-09-G5

BDH-60-G1-F BDH-60-G1

BDH-60

PS-30-140

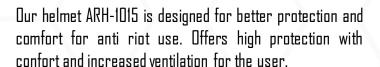
PS-30-120

PS-30-90





## HELMET ARH-1015



Our model ARH-1015 anti riot helmet has a face and jaw protector, made of high resistance polycarbonate, allowing a wide visión.







#### **Characteristics**

Material	High strength plastic with ABS 5-6mm reinforcement
Visor Material	Policarbonate of 4.5mm High resistance, anti-scratch, visibility $\le 85\%$ (has superior rubber for protection against liquids)
Retention System	Loop with set point and quick release on chin strap
Suspension System	Adjustable with padded foams
Shock Absorber System (optional)	Removable, made up of plastic cells, and washable anti-microbial foam
Color	Black
Weight	1,800 gr
Chin Protector	Yes
Complies with the Norm	NIJ-0104.02





## RIOT SUIT ARS-09-G5



The ARS-09-G5 model, is our new riot suit, which has the versatility to allow the user to use it as a bullet resistant vest and/or as a riot suit. Easily and quickly converts from a bullet resistant vest to a riot suit and vice versa.

It is manufactured in the USA with modern materials which allow it to be fresh and breathe, while providing protection to the user from attacks in riots or other aggressions. The front and back plastic plates are concealed inside the Carrier, allowing the use of the Molle system in its entireness.

#### **Characteristics**

Hard Plastic Material	High density anti impact PAGG with a high level of hardness, abrasion resistance and rigidity	
Protection	1 x front / 1 back, 2 x shoulders, 2 x arm, 2 x thigh, 2 x leg and foot and 1 groin	
Protection for	Impact shock, punches, fire retardant, sharp tools & others	
Kinetic Impact Energy	+20J	
High Impact	Max 360J	
Stab	20J	
Outer Fabric	600 denier Polyester with urethane coating, DWR, Raven Black color and 250 denier	
Approximate Weight	14 lbs (depends on size and material)	
Others	<ul> <li>Quick release buckle system on shoulders and sides</li> <li>Molle system in front and female veloro front and back</li> <li>Veloro opening for soft ballistic panels and 10×12 plate pockets</li> <li>Plastic articulated knees and shoulders</li> <li>100% Polyester inner mesh for breathability</li> </ul>	

## RUBBER BATON | BDH-60-G1-F





We manufacture rubberized batons in various sizes and models suitable for use by law enforcement personnel.

Our model BDH-60-G1-F, is identical in shape to our model BDH-60 but made with a unique PP + Rubber formula that gives it added flexibility and a rubber feel. This unique formula ensure a safer strike and less permanent damage.

#### Characteristics

Material	Unique PP + RUBER formula
Length	615mm +/- 10
Width	31mm +/- 1
Color	Black
Weight	563 gr+/-10
Main Handle	152mm, 13 grip channels with mushroom head of 25mm high x 36mm wide
Side grip	134mm, 10 grip channels with mushroom head 32mm high x 44.5mm wide

Compliance norms:

ASTM D1238 ASTM D6290 (Izad)



### POLYPROPYLENE BATON | BDH-60-G1





We manufacture polypropylene batons in various sizes and models suitable for use by law enforcement personnel.

Our model BDH-60-GI, is a side-handle baton, PR-24 style, used by officers due to its performance and safety while; striking, blocking & controlling,

It offers a mushroom style ends to help improve gripping and safety.

#### **Characteristics**

Material	Unique PP formula
Length	615mm +/- 10
Width	31mm +/- 1
Color	Black
Weight	475 gr+/-10
Main Handle	152mm, 13 grip channels with mushroom head of 25mm high x 36mm wide
Side grip	134mm, 10 grip channels with mushroom head 32mm high x 44.5mm wide

Compliance norms:

ASTM D1238 ASTM D6290 (Izod)



### RUBBER BATON | BDH-60





We manufacture rubber batons suitable for use by law enforcement personnel.

We manufacture in various sizes, weights and thicknesses.

Our batons have safety rope as an option



#### Characteristics

Material	Polypropylene plastic
Length	600mm approx.
Color	Black
Handgrip	150mm approx.
Weight	350 gr approx.
Diameter	3mm approx.
Optional	safety rope



# POLYCARBONATE SHIELD | PS-30-140 / PS-30-120 / PS-30-90





We manufacture our anti-riot polycarbonate shields with a single purpose, to protect the user from attacks exposed in riots or other aggressions.

#### Characteristics

Material	High strength polycarbonate	
Design	Rectangular	
Thickness	4mm арргох.	
Height	140cm – 120cm – 90cm	
Width	64 +/-lcm	
Resistant to Shock	150J	
Resistant to Blows	350J	
Resistant to Sharps	150J	
Weight	3.2. 4.0 & 4.6 kg approx. (depends on system)	
Gripping System	Aluminum with strap and central damping system	



UPC: 685349762514



## RIOT CHEMICALS & GASES

Models: GL-S-A1 HG-CS-RM

GL-S-A2 HG-1(TGHG-CS)

GL-MULTI-A1 HG-S

CAB-FB LLM-0.68PWPAVA-G1

SC-37/38/40-X MK-3

G-CTG-3P MK-4

G-CTG-SR MK-9

R-CTG-RB MK-20

HG-CS-3 MK-60

HG-FB-1/3



### 37/38MM LAUNCHER | GL-S-A1





We manufacture our 37/38mm launcher model GL-S-AI with the best materials on the market, providing excellent quality and great precision.









## 37/38MM LAUNCHER | GL-S-A1





#### Characteristics

Caliber	Less lethal 37 / 38mm (1.5 ") rimmed
Capacity	Single shot
Mechanism	Simple
Barrel	Smooth, 305mm
Rail	Picatinny: upper rear 101.6mm and lower front 152.4mm
Action	Simple with exposed hammer
Length	590-690mm
Height	230mm
Weight	2,212 gr
Material	6061-T6 aluminum alloy and 4140 steel
Finish	MIL-A-8625 type II, anodized and MIL-DTL-13924D black oxidized
Safe	Ambidextrous, hammer block
Sights	Rear V and removable front
Stock	Retractable 6 positions
Front Handle	Vertical



### 37/38MM LAUNCHER | GL-S-A2





We manufacture our less lethal 37/38mm launcher model A2 with a double action mechanism. It is made with the best materials on the market, providing excellent quality and great precision.









### 37/38MM LAUNCHER | GL-S-A2





#### Characteristics

D. M.	1 1 1 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Caliber	Less lethal 37 / 38mm (1.5 ") rimmed
Capacity	Single shot
Mechanism	Double action
Barrel	Smooth, 305mm
Rail	Picatinny: upper rear 70 and forward 305mm and lower front 180mm
Action	Dauble
Length	575-660mm
Height	180mm (no rail)
Weight	2,32 kg
Material	6061-T6 aluminum alloy and 4140 steel
Finish	MIL-A-8625 type II, anodized and MIL-DTL-13924D black oxidized
Safe	Ambidextrous
Stock	Retractable 6 positions or fixed
Front Handle	Vertical Vertical



### 37/38MM LAUNCHER | GL-MULTI-A1





We manufacture our automatic grenade launcher 37 / 38mm model GL-MULTI-AI with the best materials on the market, providing excellent quality and great precision. This unit can launch cartridges individually, in line or all at once.







## 37/38MM LAUNCHER | GL-MULTI-A1





#### Characteristics

Caliber	37 / 38mm (1.5 ") rimmed ammunition and 40mm smooth bore	
Capacity	15 shots	
Mechanism	Percussion mechanic	
Dimension	423 x 360 x 412 mm	
Weight	22 kg + mag 3.8kg	
Pant Tilt	Vertical 0-45 de / Horizontal 350 deg	
Mag Loading	Side	
Camera	Zoom x36 with focus with IR	
Material	Aluminum or steel	
Case	Yes (Hard case portable controller)	
Multimedia	Video & voice recording	
Zoom Control	With Joystick	
Firing	Individual, serial line, all	



### 37/38MM CARTRIDGE | CAB-FB





We manufacture air bursting cartridges on 37/38 or 40mm. Our model CAB-FB, is an air burst flash bang cartridge use for crown control. These cartridges are compatible with 37/38 or 40 smooth or rifle bore.



#### **Characteristics**

Туре	37/38 or 40 mm Air Burst & Flash Bang
Height	125 +/- 2 mm
Diameter	37/38 mm
Delay	2-3 sec adjustable
Sound Level	160dB at 5 feet
Range Effective	70m
Material	Plastic
Total Weight	100g
Optional	Barite, CS or color powder





### 37/38MM CARTRIDGE | SC-37/38/40-X





We manufacture color smoke cartridges on 37/38 or 40mm. Our model SC-37/38-G (green), SC-37/38-W (white), SC-37/38-R (red) or SC-37/38-B (blue), are color smoke cartridges use for marking or signaling. These cartridges are compatible with 37/38 or 40 smooth or rifle bore.



#### **Characteristics**

Туре	37/38 or 40 mm color smoke
Height	120 +/- 2 mm
Diameter	37/38 or 40 mm
Delay	2-3 sec adjustable
Color	Green, white, red, blue and others
Emission	25 +/- 5sec (white 35 +/-5 s)
Material	Aluminum
Total Weight	210g





### 37/38MM CARTRIDGE | G-CTG-3P





We manufacture grenades and cartridges for riots in various versions. Our cartridge G-CTG-3P, is a pyrotechnic cartridge. caliber 38 with triple discharge CS gas. This cartridge allows the dispersion of gas in 3 projectiles that discharge each CS smoke.

It is a anti disturbance cartridge that when properly used, temporarily incapacitating and causes a strong irritation and tearing without producing permanent damage and dispersing the riots.

#### **Characteristics**

Туре	Triple / gas CS
Height	123 +/- 1 mm
Diameter (body,base, tab)	38mm, 39.25mm, 42.84mm
Delay	2-3 sec adjustable
Thickness Tab	3.5mm
Chemical Loading	SD 37/38MM TEAR GAS SHELL SIMPLE SIMPLE TEAR GAS SHELL TEAR GAS SHELL TEAR GAS SHELL TEAR GAS SHELL TEAR GAS SHELL SIMPLE
Radius	Bm
Material	Aluminum Dummy Dummy Dummy Dummy
Weight	194 +/- 5g
Weight Load CS	80g +/- 20g
Range	75m
Discharge Time	25s each
Percussion	Fulminant
Discharge	Continuous



### 37/38MM CARTRIDGE | G-CTG-SR





We manufacture grenades and cartridges for riots in various versions. Our G-CTG-SR cartridge is a 38mm CS pyrotechnic gas cartridge. This cartridge allows the dispersion of CS smoke gas to be used in open or closed areas.

It is a anti disturbance cartridge that when properly used, temporarily incapacitating and causes a strong irritation and tearing without producing permanent damage and dispersing the riots.

#### **Characteristics**

Туре	Simple CS gas				
Height	123 +/- 1 mm				
Diameter (body,base, tab)	38mm, 39.25mm, 42.84mm				
Delay	2-3 sec adjustable	HEUS operations Server	WEDS.	-HEUS	HEDS spend when a subject
Thickness Tab	3.35mm	4	点	EII.	
Chemical Loading	CS	37/38MM TEAR GAS SHELL SIMPLE	37/38MM TEAR GAS SHELL TRIPLE	40MM TEAR GAS SHELL TRIPLE	40MM TEAR GAS SHELL SIMPLE
Material	Aluminum	37/38 TEAR SIMPL	AND AND	<b>等色素</b> ○S-T-4	S-S-4
Weight	189 +/- 5g	DUMMY	DUMMY	DUMMY	DUMMY
Weight Load CS	70g				
Range	80-120m				
Discharge Time	25-30s				
Percussion	Fulminant				
Range	Not less than 137m				



### 37/38MM CARTRIDGE | R-CTG-RB





We manufacture grenades and cartridges for riots in various versions. Our cartridge R-CTG-RB, is a pyrotechnic cartridge. caliber 38 loaded with rubber balls. This cartridge allows the dispersion of multiple rubber balls used for efficient and safe breaking of crowds.

It is a anti disturbance cartridge that when properly used, temporarily incapacitating and causes a pain and distraction without producing permanent damage and dispersing the riots.

#### **Characteristics**

Туре	Rubber balls
Height	123 +/- 1 mm
Diameter (body,base, tab)	38mm, 39.25mm, 42.84mm
Thickness Tab	3.35mm
Material	Aluminum
N. of Rubber Balls	24
Hardness Balls	65 durometer
Range	50-60m
Range	30m effective
Percussion	Fulminant







### HAND GRENADE | HG-CS-3





We manufacture a triple CS hand grenades ideal for crowd dispersion. Our model HG-CS-3, is a CS grenade with a strong 3-piece sub munition, each dispersing CS gas.



#### **Characteristics**

Туре	CS gas triple		
Height	160 +/- 2 mm		WATER TO THE
Diameter	60 +/- 2 mm		
Delay	1-3 sec adjustable	The state of the s	
Chemical	CS		
Discharge time	20+/-5s		
Material	Aluminum		
Weight	485g	-HEI -HI	
Operating temperature	-20 / +5OC	Signed Obleson's	silense Salutiar
		ILUS Topo will defend follows	



### HAND GRENADE | HG-FB-1 OR HG-FB-3





We manufacture flash bang grenades in two versions. Our model HG-FB-1 or HG-FB-3, are flash bang grenades with 1 or 3 sound, used to confuse and disperse crowds.



#### **Characteristics**

Туре	Light flash and bang sound
Height	128 (FB-1) & 139 (FB-3) +/- 2 mm
Diameter	45-48 +/- 2 mm
Delay	1.5s to 3 s adjustable
Sound Effect	170 +/- 10dB (5 feet)
Flash Light	5 million CP
Material	Aluminum
Weight	340g – 465g





### HAND GRENADE | HG-CS-RM





We manufacture random movement CS hand grenades that has multiple ports that make it move randomly to avoid getting picked up and thrown back. Our model HG-CS-RM, is a CS grenade with a 3-ports for dispersing CS gas.



#### **Characteristics**

Туре	CS smoke combustion
Height	125 +/- 2 mm
Diameter	65 +/- 2 mm
Delay	1-3 sec adjustable
Chemical	CS
Discharge time	15+/-5s
Material	Inner aluminum / outer plastic
Weight	350g
Radius	1-10 m





### HAND GRENADE | HG-1 (TGHG-CS)





We manufacture hand grenades for riots in various versions. Our model HG-1 (TGHG-CS), is a CS gas grenade with a strong CS mixture, used to disperse crowds



#### **Characteristics**

Туре	CS Gas emission/smoke
Height	133mm
Diameter	49mm
Delay	1-3 sec adjustable
Chemical	CS
Discharge time	30-60s
Material	Aluminum
Weight	295-335g





### HAND GRENADE | HG-S





We manufacture hand grenades for marking or signaling in various colors. Our model HG-S, is a smoke grenade with a strong smoke dispersion ideal for marking, identification or signaling.



#### **Characteristics**

Туре	Smoke
Height	134 +/- 2 mm
Diameter	48 +/- 2 m
Delay	0.7s to 2 sec adjustable
Chemical	White TA
Discharge time	40+/- 5s
Material	Aluminum
Weight	315g
Operating temperature	-20 / +50C





### ROUNDS CAL 0.58 | LLM-0.58PWPAVA-G1





Our less lethal ammunition model LLM-D.68PWPAVA-G1 is ideal for more direct confrontations with riots where you want to avoid the use of batons, electric pistols, 37/38 ammunition among others, seeking to reduce lessons but disperse the crowds.

This is a new ammo from our line, manufactured with a PE thermoplastic shell with a PAVA powder filling, very effective and irritating.





#### **Characteristics**

Caliber	0.68 (17.3mm)
Irritant Composition	PAVA 6%
Housing	Mixture of thermoplastics
Weight	3.5gr +/- 10%
Speed	320-400 fps
Effective Range	0-60p / 0-20m
Kinetic Force	Up to 28j
Area	0-175 p / 0-53 m
Presentations	25, 50, 90, 125, 375 and 500 units (available in other presentations)



### CHEMICAL AEROSOL | CA-MK-3





We manufacture chemical aerosols that hold chemical agents used to disperse riot crowds, prisoner cell extraction or for self defense in an everyday carry. We make them in different options to engage the target (Stream, Fog & Vapor) Stream engages in a more direct manner to a specific target while fog and vapor can engage on multiple targets.

Chemical composition: Oleoresin Capsicum (OC) combined with a Non-Flammable carrier. UV dye added for easy identification of subject (OC + CS blends are available, custom blends upon request to meet your department requirements).

Safety: The Flip-Top has a protective, spring-loaded, plastic safety cover. The integrated safety cover prevents accidental discharge and conveniently moves out of the way for unobstructed access to the actuator when used.

Hight: 4.35"

Width: 1.5"

Firing Mechanism: Spring loaded flip top and fogger



#### Characteristics

Туре		Steam			Fag		Vapor
Range Effective		15 ft			12 ft + af	ter deployed	
Composition Weight			60 gram	s / 2.1 oz			42gr / 1.5oz
Level	I 10%	II 5.5%	III 10%	I 10%	II 5.5%	III 10%	III 10%
TC ASTA 21.3	0.31%	0.69%	1.25%	0.31%	0.69%	1.25%	1.25%
Scoville Heat Unit	500k	2 r	nill	500k		2 mill	



### CHEMICAL AEROSOL | CA-MK-4





We manufacture chemical aerosols that hold chemical agents used to disperse riot crowds, prisoner cell extraction or for self defense in an everyday carry. We make them in different options to engage the target (Stream, Fog & Vapor) Stream engages in a more direct manner to a specific target while fog and vapor can engage on multiple targets.

Chemical composition: Oleoresin Capsicum (OC) combined with a Non-Flammable carrier. UV dye added for easy identification of subject (OC + CS blends are available, custom blends upon request to meet your department requirements)

Safety: The Flip-Top has a protective, spring-loaded, plastic safety cover. The integrated safety cover prevents accidental discharge and conveniently moves out of the way for unobstructed access to the actuator when used

Hight: 6.25" Width: 1.50"

Firing Mechanism: Spring loaded flip top



#### **Characteristics**

Туре		Steam			Fag		Vapor
Range Effective		18 ft			15 ft + af	ter deployed	
Composition Weight			100 gram	s / 3.5 oz			72gr / 2.5oz
Level	l 10%	II 5.5%	III 10%	I 10%	II 5.5%	III 10%	III 10%
TC ASTA 21.3	0.31%	0.69%	1.25%	0.31%	0.69%	1.25%	1.25%
Scoville Heat Unit	500k	2 n	nill	500k		2 mill	



### CHEMICAL AEROSOL | CA-MK-9





We manufacture chemical aerosols that hold chemical agents used to disperse riot crowds, prisoner cell extraction or for self defense in an everyday carry. We make them in different options to engage the target (Stream, Fog & Vapor) Stream engages in a more direct manner to a specific target while fog and vapor can engage on multiple targets.

Chemical composition: Oleoresin Capsicum (OC) combined with a Non-Flammable carrier. UV dye added for easy identification of subject (OC + CS blends are available, custom blends upon request to meet your department requirements)

Safety: The Flip-Top has a protective, spring-loaded, plastic safety cover. The integrated safety cover prevents accidental discharge and conveniently moves out of the way for unobstructed access to the actuator when used

Width: 2.6"

Hight: 9.15"



Firing Mechanism: Pistol grip with safety pull pin

#### Characteristics

Туре		Steam			Fog		Vapor
Range Effective		20-25 ft			15-18 ft -	+ after deplo	yed
Composition Weight			400 gra	ms / 14 oz			267gr / 9.4oz
Level	l 10%	II 5.5%	III 10%	I 10%	II 5.5%	III 10%	III 10%
TC ASTA 21.3	0.31%	0.69%	1.25%	0.31%	0.69%	1.25%	1.25%
Scoville Heat Unit	500k	2 п	ıill	500k		2 mill	



### CHEMICAL AEROSOL | CA-MK-20





We manufacture chemical aerosols that hold chemical agents used to disperse riot crowds, prisoner cell extraction or for self defense in an everyday carry. We make them in different options to engage the target (Stream, Fog & Vapor) Stream engages in a more direct manner to a specific target while fog and vapor can engage on multiple targets.

Chemical composition: Oleoresin Capsicum (OC) combined with a Non-Flammable carrier. UV dye added for easy identification of subject (OC + CS blends are available, custom blends upon request to meet your department requirements)

Safety: The Flip-Top has a protective, spring-loaded, plastic safety cover. The integrated safety cover prevents accidental discharge and conveniently moves out of the way for unobstructed access to the actuator when used Hight: 11.87"

Width: 2.6"

Firing Mechanism: Pistol grip with safety pull pin



#### Characteristics

Туре		Steam			Fag		Vapor
Range Effective		20-25 ft			15-18 ft -	+ after deplo	yed
Composition Weight			550 gran	ns / 19.4 oz			340gr / 12oz
Level	I 10%	II 5.5%	III 10%	I 10%	II 5.5%	III 10%	III 10%
TC ASTA 21.3	0.31%	0.69%	1.25%	0.31%	0.69%	1.25%	1.25%
Scoville Heat Unit	500k	2 m	ıill	500k		2 mill	



### CHEMICAL AEROSOL | CA-MK-60





We manufacture chemical aerosols that hold chemical agents used to disperse riot crowds, prisoner cell extraction or for self defense in an everyday carry. We make them in different options to engage the target (Stream, Fog & Vapor) Stream engages in a more direct manner to a specific target while fog and vapor can engage on multiple targets.

Chemical composition: Oleoresin Capsicum (OC) combined with a Non-Flammable carrier. UV dye added for easy identification of subject (OC + CS blends are available, custom blends upon request to meet your department requirements)

Safety: The Flip-Top has a protective, spring-loaded, plastic safety cover. The integrated safety cover prevents accidental discharge and conveniently moves out of the way for unobstructed access to the actuator when used. This unit can be re-charged



Hight: 19.5" Width: 4.50"

Firing Mechanism: Spring loaded with safety pin

Formulation: Oleoresin Capsicum (OC) combined with a Non-Flammable carrier. UV dye added for easy identification, putting the subject at the scene of incidence.

OC + CS blends are available, custom blends upon request to meet your department requirements.

#### Characteristics

Туре	Steam		
Range Effective	Up to 40 ft		
Composition Weight	1408 grams / 50 oz		
Level	III 10%		
TC ASTA 21.3	1.25%		
Scoville Heat Unit	2 mill		





Introducing our reliable handcuffs, made to restrain and incapacitate movement. They are made with the finest materials to exceed the NIJ norms. We ensure, with high quality and machined precision, that our handcuffs are reliable to ensure the user that when used, they will get the job done and secure to maintain control of the individual and to minimize the possibility of a situation escalating.

Models: CS-N-DL50

CS-N-DL50-P

CS-B-DL50

HS-N-HO5

HS-B-HO5





### CS-N-DL50





Our handcuff model CS-N-DL5D complies and surpasses tests required by the Criminal Justice Restraints standard NIJ-1001.00.



#### **Characteristics**

Certificate	Standard NIJ-1001.00 type 3 (2018)
Material	Nickel-plated carbon steel K-70
Rockwell hardness B / B	HRB-92
Union	Chain
Кеу	Standard type 3
Mechanism	Dauble lack
Toothed	Double
Weight	305 ± 10gr
Length	238mm
Minimum Opening	50mm
Minimum Internal Perimeter	165mm
Maximum Exterior Perimeter	200mm
Closing Positions	20





### CS-N-DL50-P





Our handcuff model CS-N-DL5D-P complies and surpasses the tests required by the Criminal Justice Restraints standard NIJ-1001.00.



#### **Characteristics**

Certificate	Standard NIJ-1001.00 type 3 (2018)
Material	Nickel-plated carbon steel K-70
Rockwell hardness B / B	HRB-92
Union	Chain
Кеу	Standard type 3
Mechanism	Dauble lack
Toothed	Dauble
Weight	300gr approx
Length	230mm approx
Minimum Opening	50mm
Minimum Internal Perimeter	165mm
Maximum Exterior Perimeter	200mm
Closing Positions	20, 21 or 22





### CS-B-DL50





Our handcuff model CS-B-DL50 complies and surpasses tests required by the Criminal Justice Restraints standard NIJ-0307.01.



#### **Characteristics**

Certificate	Standard NIJ-0307.01
Material	Carbon nickel oxide steel K-70
Rockwell hardness B / B	HRB-92
Union	Chain
Кеу	Standard
Mechanism	Double lock treated
Toothed	Double
Weight	310gr
Length	238mm
Minimum Opening	50mm
Minimum Internal Perimeter	165mm
Maximum Exterior Perimeter	200mm
Closing Positions	20
Thickness Folded	20mm





### HS-N-H05





Our handcuff model HS-N-HO5 complies and surpasses tests required by the Criminal Justice Restraints standard NIJ-0307.01.



#### **Characteristics**

Standard NIJ-0307.01
Carbon nickel steel K-70
HRB-92
Hinge
Standard
Double lock treated
Dauble
365gr
218mm
50mm
165mm
200mm
20
18mm





### HS-B-H05





Our handcuff model HS-B-HO5 complies and surpasses tests required by the Criminal Justice Restraints standard NIJ-0307.01.



#### **Characteristics**

Certificate	Standard NIJ-0307.01
Material	Carbon nickel oxide steel K-70
Rockwell hardness B / B	HRB-92
Union	Hinge
Кеу	Standard
Mechanism	Double lock treated
Toothed	Double
Weight	365gr
Length	218mm
Minimum Opening	50mm
Minimum Internal Perimeter	165mm
Maximum Exterior Perimeter	200mm
Closing Positions	20
Thickness Folded	18mm



