

# 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.

**STRONG GEAR FOR EXTREME SOULS**

PO Box 226317, Miami, FL 33222  
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# 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.

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# EXPERIENCE



With decades of unwavering dedication to the defense industry, High End Defense has obtained multiple accreditations to not only witness 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 cutting-edge 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.

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# PROUD USA MANUFACTURER



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.

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# 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."

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# CARRIERS, SOFT & HARD ARMOR



**POLICE  
U.S. MARSHAL**

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.

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# CARRIER



Models: CON-G2                      TAC-G3  
          CON-T-TOP                  TAC-G5QR  
          TAC-FR                      TAC-G5-TC  
          TAC-UNIFORM              PC-G1



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# CARRIERS, SOFT & HARD ARMOR



## CONCEALED CARRIER / CON-G2

Our carrier CON-G2 is a light & low-profile concealed carrier design for an all-around protection of vital organs with a very slim, & slick design.



- Features chest / back and side coverage.
- It has 2 shoulder elastic adjustment with Velcro's & 2 or 4 adjustable lateral elastics with front and back Velcro's.
- Only 0.6lbs for a (M) size carrier.
- Carrier constructed with a 70/30 polyester cotton fabric with an inner 200-250 denier soft texture mesh.
- Soft armor pocket accessible via Velcro or zipper.
- Front and back tails optional.
- Available colors: black, white and navy blue.
- Carrier is 100% built in the USA with 100% USA Berry Compliant materials
- Warranty: 2 years under normal use



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## CONCEALED CARRIER | CON-T-TOP

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

- It has chest and back coverage (optional sides), with zippered side or front opening. (single front panel)
- Carrier built with elastic and very soft microfiber fabrics (lycra).
- Carrier has breathable and elastic materials on the sides and bottom to allow greater comfort and breathability.
- Materials allow to adjust to body contour and compress for better and more comfortable fit.
- Available colors: black, white and navy blue.
- Carrier is 100% built in the USA with 100% USA Berry Compliant materials



# CARRIERS, SOFT & HARD ARMOR



## TACTICAL VEST | TAC-FR

Our TAC-FR (First Responder) model is a tactical carrier design for First Responders with florescent signaling fabrics or tapes and complete protection for vital organs. Features chest / back and side coverage, with side openings.

- 2 upper adjustment points with double Velcro (sandwich style) or single rear to front Velcro with hidden pockets and 2 adjustable lateral elastic with front hook with Velcro with a frontal cover lid with Molle system.
- Sides options with fabric, elastic or side pockets for magazines &/or additional side plates (optional). Sides comes with laser or traditional Molle.
- 6x8, 8x10 and 10x12 plate holder pockets accessible through the upper part.
- External fabric in 400/500/600 or 1000 denier with water repellent and antimicrobial with Molle system.
- Internal fabric is a 3D mesh fabric rapid dry, with breathability, antifungal, antibacterial, antiperspirant, deodorizing and resistance to mold.
- Available colors: black with lemon green (yellow), red or other reflective colors.
- Carrier is 100% built in the USA with 100% USA Berry Compliant materials.



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## TACTICAL VEST | TAC-UNIFORM

Our TAC-Uniform is a tactical design carrier based on the original G3 model simulating an officer uniform shirt.

- Features front zipper opening, front pockets & front independent flaps for adjustment. (Note: front opening with single front panel)
- Built with front Molle (standard & laser), insignia, name and other needed Velcro's.
- Standard with 2 upper adjustment points / 2 lateral adjustable elastics with Velcro with a frontal independent cover lids.
- 6x8, 8x10 and 10x12 plate holder pockets accessible through the front (side loading)
- External fabric is 400/500/600 or 1000 denier water repellent & antimicrobial.
- Internal fabric is a 3D mesh fabric rapid dry, with breathability, antifungal, antibacterial, antisweat, deodorizing and resistance to mold.
- Available colors: black, brown & navy blue..
- Vest is 100% built in the USA with 100% USA Berry Compliant materials.





## TACTICAL VEST | TAC-G3

Our TAC-G3 model is a tactical design carrier with ergonomic and complete protection for vital organs. Features chest / back and side coverage, with side openings.

- 2 upper adjustment points with double Velcro (sandwich style) or single rear to front Velcro with hidden pockets and 2 adjustable lateral elastic with front hook with Velcro with a frontal cover lid with Molle system.
- Sides options with fabric, elastic or side pockets for magazines &/or additional side plates (optional). Sides comes with laser or traditional Molle.
- 6x8, 8x10 and 10x12 plate holder pockets accessible through the upper part.
- External fabric in 400/500/600 or 1000 denier with water repellent and antimicrobial with Molle system.
- Internal fabric is a 3D mesh fabric rapid dry, with breathability, antifungal, antibacterial, antisweat, deodorizing and resistance to mold.
- Available colors: black, brown, green or Multicam.
- Vest is 100% built in the USA with 100% USA Berry Compliant materials.





## TACTICAL VEST | TAC-G5QR

Our TAC-G5-QR model is a tactical design carrier with front & back Molle (regular or laser) with upper & lateral quick release buckles. It offers an ergonomic and complete protection of the vital organs with coverage on the front, back & sides.



- Features 2 upper adjustable fit points with Velcro's & Quick Release buckles & 2 lateral side Quick Release buckles with fabric/elastic with Molle or elastic bands, all adjustment on the back with Velcro's.
- Offers on the front & back 6x8 &/or, 8x10, &/or 10x12 plate pockets.
- Outer fabric constructed of 420, 500 or 1000 denier, water repellent, antimicrobial with Molle (regular or laser) system on the front & back. Inner fabric constructed with 3D mesh fabric for rapid dry, breathability, with antifungal, antibacterial, & resistance to mold capabilities.
- Features a lumbar adjustment elastic strap with Velcro's.
- Available colors: black, tan, coyote or ranger green (Front and back reflective tape optional).
- Vest is 100% built in the USA with 100% USA Berry Compliant materials.





## TACTICAL VEST | TAC-G5-TC

Our TAC-G5-TC model is based on our TAC-G5 offering throat, neck, shoulder & groin protection for a total coverage. Available with standard or laser Molle.

- It offers an ergonomic and complete protection of the vital organs with coverage on the chest / back, sides, throat, neck, shoulder and groin.
- Features 2 upper adjustable fit points with Velcro's & Quick Release buckles & 2 lateral side Quick Release buckles with fabric/elastic with Molle or elastic bands & adjustment on the back with Velcro's.
- Offers on the front & back 6x8 &/or, 8x10, &/or 10x12 plate pockets.
- Outer fabric constructed of 420, 500 or 1000 denier, water repellent, antimicrobial with Molle (regular or laser) system on the front & back. Inner fabric constructed with 3D mesh fabric for rapid dry, breathability, with antifungal, antibacterial, & resistance to mold capabilities.
- Features a lumbar adjustment elastic strap with Velcro's.
- Available colors: black, tan, coyote or green.
- Vest is 100% built in the USA with 100% USA Berry Compliant materials.





## TACTICAL VEST | PC-G1

Our PC-G1 is a tactical plate carrier with bottom plate inserts. It has front & back laser &/or traditional Molle. Sides options with fabric, elastic or side pockets for magazines &/or additional side plates (optional). Sides comes with laser or traditional Molle.

- 2 shoulder adjustment points with Velcro's & QR quick release system.
- Sides adjustable on the back with Velcro and locking in the front with Velcro or QR quick release system.
- External fabric in 400/500/600 or 1000 denier fabrics with water repellent and antimicrobial.
- Internal fabric is a 3D mesh fabric rapid dry, with breathability, antifungal, antibacterial, antisweat, deodorizing and resistance to mold.
- Designed for most 10x12 plates; we can also build it for larger size plates.
- Available colors: black, brown, green or Multicam.
- Vest is 100% built in the USA with 100% USA Berry Compliant materials.
- Warranty: 2 years under normal use



# SOFT ARMOR



Models: HEDSII-G1  
BAV-II  
BAV-FEM-II  
HEDS-III-A-G1

HEDS-III-A-G3  
BAV-FEM-III-A  
HEDS-III-A-G3MT  
HEDS-III-A-G5



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSII-G1



Our ballistic panel model HEDSII-G1 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.



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

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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSII-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

#### AMMO

- 9mm 127gr + P + RTS
- Wolf 115GR FMJ Bi-Metal Case (1,150 fps)



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | BAV-II

Our ballistic panel model BAV-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-II
Coverage	Chest, back and sides
Weight	0.77 psf approx
Thickness (approx.)	4.8mm / 0.19" aprox
Size	XS, S, M, L, XL (C1-C5)
Level	NIJ 0101.06 CERTIFIED II standard (9mm FMJ RN 124gr at 1305ft/s +/- 30 ft/s & .357 JSP 158gr at 1430 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.



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | BAV-II

### 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

#### AMMO

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



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | BAV-FEM-II



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

<b>Model</b>	BAV-FEM-II
<b>Coverage</b>	Chest, back and sides
<b>Weight</b>	0.77 psf approx
<b>Thickness (approx.)</b>	4.8mm / 0.19" approx
<b>Size</b>	XS, S, M, L, XL (C1-C5)
<b>Level</b>	NIJ 0101.06 CERTIFIED II standard (9mm FMJ RN 124gr at 1305ft/s +/- 30 ft/s & .357 JSP 158gr at 1430 ft/s +/- 30ft/s and other smaller rounds)
<b>Warranty</b>	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.



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | BAV-FEM-II

### 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

#### AMMO

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



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSIII-A-G1



Our ballistic panel model HEDSIII-A-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	HEDSIII-A-G1
Coverage	Chest, back and sides
Weight	1.24 psf approx
Thickness (approx.)	6.5mm +/- 0.3mm
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	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.



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSMA-G1

### NIJ 0101.06 Lab Test Specs

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

### Special Threat Testing

#### AMMO

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)



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSIIIA-G3



Our ballistic panel model HEDSIIIA-G3 is a certified level NIJ IIIA (D101.06) + special threats with multi-Impact capability for a complete protection of vital organs that can be used in concealed or tactical carriers.



### Features

<b>Model</b>	HEDSIIIA-G3
<b>Coverage</b>	Chest, back and sides
<b>Weight</b>	0.95 psf approx
<b>Thickness (approx.)</b>	5.70mm +/- 0.3 (.22")
<b>Size</b>	C1-C5
<b>Level</b>	NIJ D101.06 CERTIFIED IIIA standard (9mm FMJ 124g & JHP 147g / .357 FMJ FN 125gr / .44 Mag SJHP 240gr and other smaller rounds + (special threat rounds)
<b>Warranty</b>	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.



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSMA-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

#### AMMO

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)



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | BAV-FEM-III A



Our ballistic panel model BAV-FEM-III A is a certified level NIJ IIIA (D101.06) + special threats. Its structured design contours to the feminine shape for a comfortable fit.



### Features

Model	BAV-FEM-III A
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 D101.06 CERTIFIED IIIA standard (9mm FMJ 124g & JHP 147g / .357 FMJ FN 125g / .44 Mag SJHP 240g 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.



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

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## BALLISTIC PANELS | BAV-FEM-III



### 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

#### AMMO

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)



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSIII-A-G3MT



Our ballistic panel model HEDSIII-A-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	HEDSIII-A-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.



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

# STRONG GEAR FOR EXTREME SOULS

PO Box 226317, Miami, FL 33222  
Ph: 305.647.2597 | info@hedsusa.com  
https://hedsusa.com | @heds.usa

# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSIIIA-G3MT



### NIJ 0101.06 Lab Test Specs

.357 BFS (C1 & C5 ave.)	New 28.69 mm
	Cond. 26.78 mm
.357 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

#### AMMO

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)



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSIIIA-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
Coverage	Chest, back and sides
Weight	0.80 psf approx
Thickness (approx.)	Undisclosed
Size	XS, S, M, L, XL (C1 - C5)
Ballistic Materials	Latest generation Honeywell UD materials (Spectra & Gold Shield)
Level	IIIA according to NIJ 0101.06 standard (9mm FMJ 124gr & JHP 147g / .357 FMJ FN 125gr / .44 Mag SJHP 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.



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# CARRIERS, SOFT & HARD ARMOR



## BALLISTIC PANELS | HEDSMA-G5



### NIJ 0101.06 Lab Test Specs

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

### Special Threat Testing

- AMMO**
- 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)



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# HARD ARMOR



Models: BPPE-III-G3-ICW (H8101)

3810

BPPE-III-G1 (H8210)

3611C

BPPE-RF1-G1 (H8211)

BPSPE-III-G1+ (H8300)

3402

BPAPE-RF2-G1 (H8301)

3403

BPSPE-IV-G1 (H8400)

3800C

4601



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# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT PLATES



HEDS manufactures bullet resistant plates in various levels like NIJ 0101.06 IIIA, III & IV & NIJ 0101.07 RF1, RF2 & RF3 .

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,6"x6" , 8"x10" , 10"x12" .

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

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.



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# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT | BPPE-III-G3-ICW (H8101) LEVEL III (0101.06) / RF1 (0101.07) - ICW & STAND-ALONE



**ONLY 1.6 Lbs / 0.38" thick**  
On a 10" x 12" finished plate

### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	-
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (10"x12")	Inches
ICW III (0101.06) Stand Alone	1.65	0.38

Multi Curve Plate, size form 5"x8" 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 M193 & 7.62x39 LC.

SKU #: P90025  
UPC #: 198168751671

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# CARRIERS, SOFT & HARD ARMOR



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

LEVEL III (0101.06) / RF1 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	-
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (10"x12")	Inches
III Stand Alone Multi Impact	3.65	0.90

Single curve plate, PE, 3 sizes available, multi-impact

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

SKU #: P90026  
UPC #: 198168387054

# CARRIERS, SOFT & HARD ARMOR



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

LEVEL III (0101.06) / RF1 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	-
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (10"x12")	Inches
RF1 (0101.07) Stand Alone Multi Impact	1.80	0.74

Multi curve plate, PE, 3 sizes available, multi-impact

Plates designed to protect against ammunition level NIJ RF1 (0101.07).

SKU #: P90027  
UPC #: 198168902462

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# CARRIERS, SOFT & HARD ARMOR



**BULLET RESISTANT | 3402**  
**LEVEL III (0101.06) / RF1 (0101.07) - STAND-ALONE**



## Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	-
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

## Characteristics

Level	Weight	Thickness	AD
	Lbs (10"x12")	Inches	psf
III Stand Alone Multi Impact	3.20 Shutter Cut	1.22	4.38

Single curve plate, Cuts: **Shooter & Full**

Cuts	Size / Weight	
<b>Shooter</b>	10"x12" / 3.20 lb	8"x10" / 2.10 lb
<b>Full</b>	10"x12" / 3.50 lb	8"x10" / 2.30 lb

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

SKU #: P90031  
 UPC #: NA

# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT | 3403

LEVEL III (0101.06) / RF1 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	-
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness	AD
	Lbs (10"x12")	Inches	psf
III Stand Alone Multi Impact	3.31 Shutter Cut	1.06	4.38

Multi curve plate, Cuts: **Shooter & SAPI**

Cuts	Size / Weight		
<b>Shooter</b>	10" x 12" 3.31 lb	8" x 10" 2.18 lb	
<b>SAPI</b>	11" x 14" 4.36 lb	10.25" x 13.25" 3.78 lb	9.5" x 12.5" 3.29 lb

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

SKU #: NA  
UPC #: NA

# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT | 3800C

LEVEL III (0101.06) / RF1 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	-
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (10" x 12")	Inches
III	2.50 Shutter Cut	0.95

Multi curve plate, Cuts: **Shooter & SAPI**

Cuts	Size / Weight		
<b>Shooter</b>	10" x 12" 2.51 lb	8" x 10" 1.60 lb	
<b>Law Enforcement</b>	10" x 12" 2.40 lb	8" x 10" 1.60 lb	
<b>SAPI</b>	11" x 14" 3.30 lb	10.25" x 13.25" 2.90 lb	9.5" x 12.5" 2.60 lb

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

SKU #: P90032

UPC #: NA

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# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT | 3810

LEVEL III (0101.06) / RF1 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	-
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (10"x12")	Inches
III (0101.06) + other threats	3.90 Shutter Cut	0.98

Multi curve plate, Cuts: **Shooter & SAPI**

Cuts	Size / Weight		
<b>Shooter</b>	10" x 12" 3.91 lb	8" x 10" 2.50 lb	
<b>SAPI</b>	11" x 14" 5.40 lb	10.25" x 13.25" 4.70 lb	9.5" x 12.5" 4.11 lb

Plates designed to protect against ammunition level NIJ III (0101.06) & RF1 (0101.07)

SKU #: P90033  
UPC #: NA

# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT | 3611C

LEVEL III + (0101.06) / RF2 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (10"x12")	Inches
III (0101.06) + other threats Stand Alone	3.90	1.20

Multi curve plate, Cuts: **Law Enforcement & SAPI**

Cuts	Size / Weight		
<b>Law Enforcement</b>	10" x 12" 3.91 lb	8" x 10" 2.50 lb	
<b>SAPI</b>	11" x 14" 5.60 lb	10.25" x 13.25" 4.90 lb	9.5" x 12.5" 4.30 lb

Plates designed to protect against ammunition level RF2 (0101.07).

SKU #: P90034  
UPC #: NA

# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT | BPSPE-RF2-G2 (H8300)

LEVEL III + (0101.06) / RF2 (0101.07) - STAND ALONE (OLD BPSPE-III-G1+)



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	3
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

### Characteristics

Level	Weight	Thickness
	Lbs (10"x12")	Inches
RF2 (0101.07) Stand Alone	4.6	0.75

Single curve plate, Cuts: **SAPI**

Cuts	Size / Weight
<b>SAPI</b>	9.75" x 11.75" 4.6 lb

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

Plates designed to protect against ammunition level NIJ RF2 (0101.07)

SKU #: P90028  
UPC #: 198168039977

# CARRIERS, SOFT & HARD ARMOR



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

LEVEL III + (0101.06) / RF2 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	-
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	-
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	-

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (9.5" x 12")	Inches
RF2 (0101.07) Stand Alone	3.50 SAPI Cut	0.75

Multi curve plate, Cuts: **SAPI**

Cuts	Size	
<b>SAPI</b>	8.6" x 11.4"	11" x 14"

Plates designed to protect against ammunition level RF2 (0101.07)

SKU #: P90029

UPC #: 198168116845

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# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT | BPSPE-IV-G1 (8400) LEVEL IV (0101.06) / RF3 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	3
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	1

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (10" x 12")	Inches
IV (NIJ 0101.06) Stand Alone	7.0 SAPI Cut	1.0

Single curve plate, Cuts: **SAPI**

Cuts	Size / Weight
<b>SAPI</b>	10" x 12" / 7lbs    straight 10" x 12" / 7.8lbs

Plates designed to protect against ammunition level NIJ IV (0101.06) or RF3 (0101.07).

SKU #: P90030  
UPC #: 198168755976

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# CARRIERS, SOFT & HARD ARMOR



## BULLET RESISTANT | 4601 LEVEL IV (0101.06) / RF3 (0101.07) - STAND-ALONE



### Threat Performance

Ammunition	No. Impacts
<b>5.56x45 M193</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M67</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M80</b> Max. Vel. 2800 ft/s (853 m/s)	6
<b>5.56x45 M855/SS109</b> Max. Vel. 3150 ft/s (960 m/s)	6
<b>7.62x39 M43</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x39 API</b> Max. Vel. 2390 ft/s (728 m/s)	6
<b>7.62x51 M61</b> Max. Vel. 2830 ft/s (863 m/s)	3
<b>7.62x63 AP M2</b> Max. Vel. 2900 ft/s (884 m/s)	1

Number of impacts per plate per ammunition / not combined / number of impacts to be received per plate per ammunition. Refer to NIJ standards

### Characteristics

Level	Weight	Thickness
	Lbs (10"x12")	Inches
IV (NIJ 0101.06) Stand Alone	6.40 Shutter Cut	1.18

Multi curve plate, Cuts: **Shooter & SAPI**

Cuts	Size / Weight		
<b>Shooter</b>	10" x 12" 6.41 lb	8" x 10" 4.10 lb	
<b>SAPI</b>	11" x 14" 8.80 lb	10.25" x 13.25" 7.60 lb	9.5" x 12.5" 6.60 lb

Plates designed to protect against ammunition level NIJ IV (0101.06) or RF3 (0101.07).

SKU #: P90035  
UPC #: NA



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



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## 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

Model	9PS-18
Caliber	9x19mm
Type	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 (Std); to SL5 Slide Finish: Black Oxide; Nickel Boron; Cerakote Barrel: Compensated



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



## 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
Type	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 (Std); to SL5 Slide Finish: Black Oxide; Nickel Boron; Cerakote Barrel: Compensated



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# RIFLES

Models: DS-9  
DS-10  
DS-15



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## 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.



### Basics Characteristics

<b>Caliber</b>	9x19mm
<b>Type</b>	Semi and full auto
<b>Weight</b>	5.5lbs (2.5kg) & 6lbs (2.7kg) ± 0.5lbs (0.22kg). (7.5 "and 10.5")
<b>Length</b>	23.81" (605mm) – 30" (770mm)
<b>Length Barrel</b>	7.5 "and 10.5" and others.
<b>Barrel Groves</b>	1:10 "with 6 R / H grooves
<b>Capacity</b>	33 rounds
<b>Operation</b>	Blow Back
<b>Fire Rat</b>	750-950rpm (Full-Auto)
<b>Finish</b>	Black Anodized / Ceralote / among others
<b>Aim</b>	Front and rear: phantom boost (Models with Picatinny)
<b>Others</b>	Polymer grip, Picatinny top rail, 6-point retractable stock



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



## RIFLES | DS-10



Our rifles HEDS-DH10 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.



### Basics Characteristics

Profile	Type M4
Caliber	NATO & 7.62x51 / .308
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.



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## RIFLES | DS-10

Barrel	16"	18"	20"
Weight	4.1 Kg	4.2 Kg	4.4 Kg
Total Length	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)
- High and low temperature
- Water injection
- Sand, dust and static proof
- Impact test: 1.5m height
- Plugged barrel

UPC: **685349762254**



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## RIFLES | DIRECT STRIKE DS-15



Our rifles Direct Strike DH15 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.



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## RIFLES | DIRECT STRIKE DS-15



Barrel	14.5"	16"	18"	20"
Weight	6.7lbs (3.04Kg)	6.9lbs (3.13Kg)	7.55lbs (3.43Kg)	8.7lbs (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)
- High and low temperature
- Water injection
- Sand, dust and static proof
- Impact test: 5 ft (1.5m) height
- Plugged barrel

UPC: **685349762217**



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# AMMO



Model: DS-9x19-115  
DS-9x19-124  
DS-5.56X45-M193  
DS-5.56X45-M855



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## AMMO | DS-9X19-115

### DIRECT STRIKE



### Characteristics / FMJ-115

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	9x19mm FMJ 115 gr
Bullet Jacket	FMJ Jacket Tombac (CuZn30) or GM (CuZn10)
Bullet material	Core: lead antimony alloy
Bullet length	0.60" / 15.25mm approx
Primer	Small pistol boxer noncorrosive
Casing material	Brass (CuCn30)
Casing weight	0.1280oz / 3.63g approx.
Casing length	.75" / 19mm approx.
Cartridge weight	0.4113 oz / 11.66g approx
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)



#### Boxed 50 rnds on tray & box Cardboard box

- Bulk 500 or 1000 rnds
- Boxed 1100 rnds (22 x 50 rnds on tray & box)

#### Metal can

- Bulk 500 or 1000 rnds (M19A1)
- Boxed 1000 rnds (20 x 50 rnds on tray & box)-(M2A1)

Bulk: Loose ammo on box



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## AMMO | DS-9X19-124

### DIRECT STRIKE



### Characteristics / FMJ-124

Cal 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	9x19mm FMJ 124 gr
Bullet Jacket	FMJ Jacket Tombac (CuZn30) or GM (CuZn10)
Bullet material	Core: lead antimony alloy
Bullet length	0.60" / 15.25mm aprox
Primer	Small pistol boxer noncorrosive
Casing material	Brass (CuCn30)
Casing weight	0.1280oz / 3.63g aprox.
Casing length	.75" / 19mm aprox.
Cartridge weight	0.4392 oz / 12.45g 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)



#### Boxed 50 rnds on tray & box Cardboard box

- Bulk 500 or 1000 rnds
- Boxed 1100 rnds (22 x 50 rnds on tray & box)

#### Metal can

- Bulk 500 or 1000 rnds (M19A1)
- Boxed 1000 rnds (20 x 50 rnds on tray & box)-(M2A1)

Bulk: Loose ammo on box



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## AMMO | DS-5.56X45-M193



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

**Boxed 20 rnds** on tray & box

**Cardboard box**

- Bulk 500 or 1000 rnds
- Boxed 680 rnds (34 x 20 rnds on tray & box)

**Metal can**

- Bulk 500 rnds (M19A1)
- Bulk 1000 rnds (M2A1)
- Boxed 540 rnds (27 x 20 rnds on tray & box)-(M2A1)

Bulk: Loose ammo on box



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# FIREARMS & AMMO



HIGH QUALITY FOR GREAT PRECISION



## AMMO | 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



<b>Bullet Type</b>	M855 (SS109)
<b>Bullet Material</b>	Jacket CuZn10 / Core: steel / lead antimony
<b>Bullet Length</b>	0.92" / 23.4 mm approx
<b>Bullet Weight</b>	62gr
<b>Primer</b>	(SR) Small Rifle
<b>Propellant</b>	Small arms / smokeless
<b>Cartridge weight</b>	12.31 approx
<b>Cartridge length</b>	2.26" / 57.4 mm
<b>Accuracy</b>	109yards / 100m - Max 1.57" / 4cm



Cal 5.56	Velocity fps	Pressure	Accuracy
M855 (SS109)	3,100 (+-50ft) 20" Barrel	51,500 approx.	Max 1.57" at 109yd

**Boxed 20 rnds** on tray & box

#### Cardboard box

- Bulk 500 or 1000 rnds
- Boxed 680 rnds (34 x 20 rnds on tray & box)

#### Metal can

- Bulk 500 rnds (M19A1)
- Bulk 1000 rnds (M2A1)
- Boxed 540 rnds (27 x 20 rnds on tray & box)-(M2A1)

Bulk: Loose ammo on box



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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



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

Introducing our  **MAGNET** 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.

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 30min) and shockproof to 1000g

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

Mount & sight tested at  **NTS** 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.

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



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





## 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 Dot, Circle (40MOA), Circle with Dot
Dot Intensity	8 levels & 2 NV
Dot 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
- Magnetic Mount
- Picatinny Mount
- Iron rear sight
- Rubber lens cover
- Hex keys
- Screws and cleaning cloth
- Manual



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



### Mounting models available

Glock	Sig	SAR	HK	Beretta	CZ	Bersa	Springfield	Tanfoglio
17-45 all Gen	2022	SAR9 Gen2	USP	APX	Shadow	BP	XD	Stock 3
G22 Gen5 / 40 S&W	P320	SAR9 Gen3			P07	TPR		
G23 Gen 5 compact / 40S&W					P10	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

DS-RDS-G1-M  
 Reticles



Red Dot



Green Dot



Red Multi-Dot



Mount for Glock MOS slides

Magnet mount **also available** for the following Red Dot Sights:

- Trijicon: SRD, RMR
- Ameriglo: Heaven
- Holosun: 507
- Primary Arms: Classic Series



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## 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.



### Characteristics

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



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## 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	<ul style="list-style-type: none"> <li>- 1 MOA adj with click, + 45 MOA adjustment range</li> <li>- 1/3 co-witness &amp; absolute co-witness with low &amp; riser mount</li> <li>- IP67 waterproof</li> </ul>



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## 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	Non
Lens Size	25mm (1")
Length	Total 70mm (2.7")
Width	46mm (1.8")
Height	70mm (2.7")
Weight	190g (6.7oz)
Parallax	<1MOA @ 100yards
Elevation Range	>45MOA
Windage Range	>45MOA
DOT size	2MOA
DOT Intensity	8 levels plus 2 NV
Mount tolerance	2MOA



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



## 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	<ul style="list-style-type: none"> <li>- 1 MOA adj with click, + 45 MOA adjustment range</li> <li>- 1/3 co-witness &amp; absolute co-witness with low &amp; riser mount</li> <li>- IP67 waterproof</li> </ul>



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## 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 & 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	2MOA



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## 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



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





## 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	2MOA



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



## 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	<ul style="list-style-type: none"> <li>- 1 MOA adj with click, + 45 MOA adjustment range</li> <li>- 1/3 co-witness &amp; absolute co-witness with low &amp; riser mount</li> <li>- IP67 waterproof</li> </ul>



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# NIGHT VISION SYSTEMS



Models: H-PVS-7  
H-PVS-14  
H-AN-AVS-9



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## 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	25cm∞	
Diopter Adjustment	+2 to -6	
Battery	2xAA	
Dimensions	194.5-149mm (without eye rubber) x 157-131mm (center case) x 78mm	
Weight	470.5g	
Temp. Operational	-51 °C to + 50 °C	



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



## 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



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



## 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

Magnification	1x
Viewing Angle	40°
Eye Relief	15mm
Distance Focusing Objective Lens	27mm
Objective Lens Number	F: 1.2
Focus Range	25cm∞
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



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



## 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



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



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



Our 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	40°
Eye Relief	25mm
Distance Focusing Objective Lens	27mm
Interpapillary Adjustment	25-72cm
Diopter Adjustment	+2 to -6
Battery	2xAA
Dimensions	11.5cm x 13cm x 9cm
Weight	540g
Temp. Operational	-51 °C to + 50 °C



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





## 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



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

# BINOCULARS

Models: B-1010-6x30  
B-1060-8x42



**STRONG GEAR FOR EXTREME SOULS**

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

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.



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



## 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	6x	8x	7x	10x	12x
MOD	6x30	8x30	7x50	10x50	12x50
Material (ext)	NBR + PVC	NBR + PVC	NBR + PVC	NBR + PVC	NBR + PVC
Objective Lens	φ30±1mm	φ30±1mm	φ50±1mm	φ50±1mm	φ50±1mm
Ocular Lens	φ21.5±1mm	φ21.5±1mm	φ21.5±1mm	φ21.5±1mm	φ21.5±1mm
Exit Pupil	φ5mm±10%	φ3.75mm±10%	φ7mm±10%	φ5mm±10%	φ4.1mm±10%
Exit Pupil Distance	23mm	16mm	25mm	18.5mm	16mm
Field of View	8.5°	7.8°	6.8°	6°	5.2°
Field of View at 1000m	149m	136m	119m	105m	91m
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, 420-680nmR<0.5% (Avg), 420-680R>1%(ABS), 550nm(MGF2)				
Prism Coating	550nm (MGF2)				
Nitrogen Filled	Yes				
Size	175x60x128mm	175x60x128mm	190x60x182mm	190x60x177mm	190x60x177mm
Weight	680g	690g	885g	998g	910g



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



## TACTICAL BINOCULARS | B-1060-8X42L-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 I 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	+/- 60°
Deviation	+/- 5°
Accuracy	+/- 1m +/- 0.1%
Type	FDA I (CFR21)
Long Wave	905nm
Display	LCD
Protection Level	IP54



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



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

### Characteristics

Magnification	8x
Objective Diameter	42°
Nitrogen	Yes / sealed
Viewing Angle	7°
Eye Relief	16mm
Focus	Eyepiece
Ocular Output	5.3mm
1000m Field of View	122m 7°
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



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

# HELMETS



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.

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# BALLISTIC



Models: BH-FAST-III-A-G5  
BH-ACH-III-A-G5  
BH-PASGT-III-A-G5



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# HELMETS



## BALLISTIC HELMET | BH-FAST-III-A-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 / .357 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

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# HELMETS

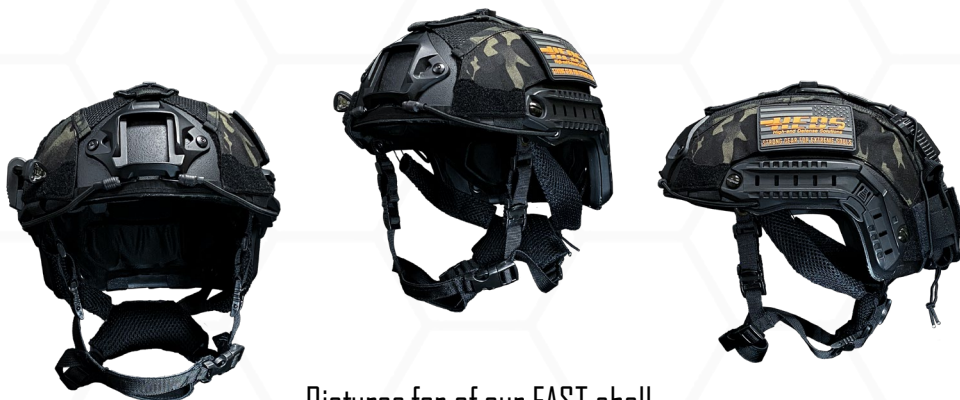


## BALLISTIC HELMET | BH-FAST-III-A-G5

### 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.

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# HELMETS



## BALLISTIC HELMET | BH-ACH-III-A-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 0 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 / .357 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

High Cut



Medium Cut



Low Cut



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# HELMETS



## BALLISTIC HELMET | BH-ACH-III-A-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

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# HELMETS



## BALLISTIC HELMET | BH-PASGT-III-A-G5

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 / .357 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

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# HELMETS



## BALLISTIC HELMET | BH-PASGT-III-A-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.

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# NON BALLISTIC

Models: RAM-G1



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# HELMETS



## 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

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
Extras	Specially design Hooks, 2 side rails, front mount with bungee straps, 1 picatinny rail and multi adapter for side rails



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# SUSPENSION & RETENTION SYSTEM



Models: LINER-G1  
CAP-G1  
PAD-G1  
WRS



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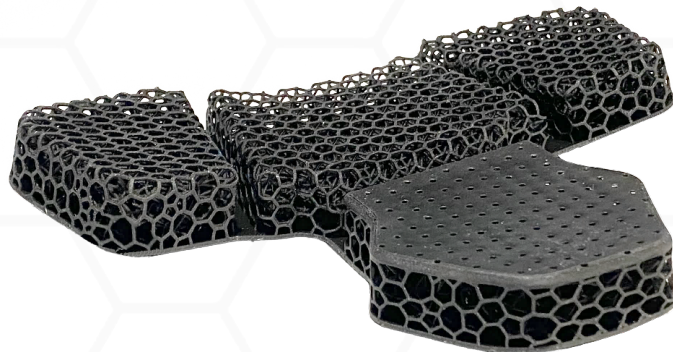
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# HELMETS



## SUSPENSION SYSTEM | LINER-G1

Our suspension system model LINER-G1, (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

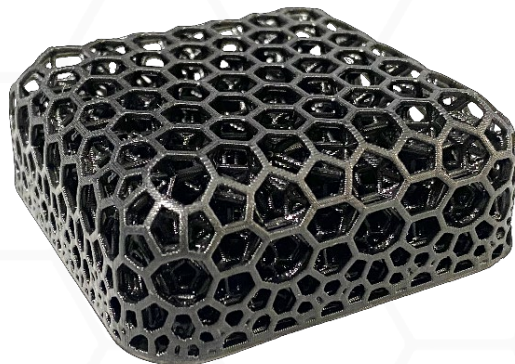
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## SUSPENSION SYSTEM | CAP-G1

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



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

# HELMETS



## 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
Pieces	3 pieces (12-15 pads)
Extra	Internal Comfort Pads (6 pads)
Material	High density memory foam coated with water repellent and anti fungal flannel fabric



High density foam water repellent fabric



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# HELMETS



## 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
Metal Cable	$0.88 \pm 0.05$
Settings	4 points + rear dial
Thickness (strap)	$1 \pm 0.10\text{mm}$ approx
Width (strap)	$15 \pm 1\text{mm}$
Weight	90 gr max
Neck Protector	
Material	Oxford 9000 polyester water resistant
Thickness	$20\text{mm} \pm 1\text{mm}$
Size	11x7mm



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# ARMORING



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.

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# ARAMID PANELS



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



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## ARAMID PANELS | UNI-DIRECTIONAL (UD)

This fabric is composed of aramid yarns arranged uni-directional on a resin film, also forming angles of 90° 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 2.00m <sup>2</sup>	1.60m x 1.25m	3.1mm	18.0Lbs	NIJ IIIA-SA
Impact Shield Lite 2.20m <sup>2</sup>	1.60m x 1.37m	3.1mm	19.8Lbs	NIJ IIIA-SA
Impact Shield 9	1.60m x 1.25m	3.5mm	20.3Lbs	NIJ IIIA-SA
Impact Shield II	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	NIJ IIIA-SA
Impact Shield Flex 2	1.60m x 1.375m	3.7mm	19.1Lbs	NIJ IIIA-SA



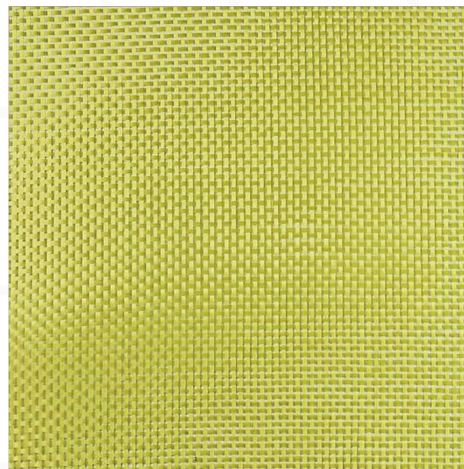


## ARAMID PANELS | BI-DIRECTIONAL (BD)

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 1.95m <sup>2</sup>	1.00m x 1.95m	6.5mm	29.0Lbs	NIJ IIIA-SA
Woven Aramid 13 Layers 2.00m <sup>2</sup>	1.25m x 1.60m	6.5mm	29.0Lbs	NIJ IIIA-SA
Woven Aramid 13 Layers 3.04m <sup>2</sup>	1.52m x 2.00m	6.5mm	43.0Lbs	NIJ IIIA-SA
Woven Aramid 13 Layers 1.95m <sup>2</sup>	1.00m x 1.95m	6.5mm	29.0Lbs	NIJ IIIA-SA
Woven Aramid 13 Layers 2.00m <sup>2</sup>	1.25m x 1.60m	6.5mm	29.0Lbs	NIJ IIIA-SA

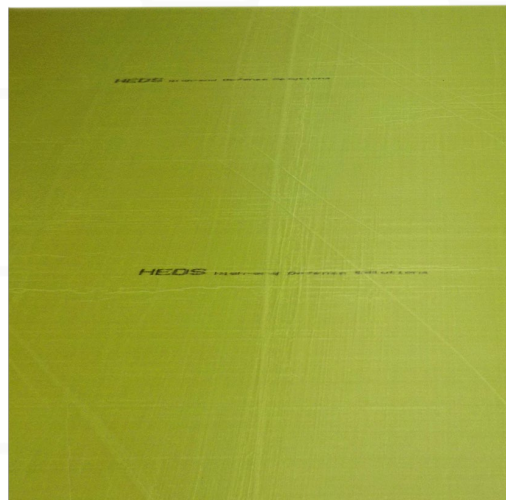


## ARAMID PANELS | IMPACT SHIELD FLEX

Our aramid panels are very flexible and stable, capable of rejecting projectiles up to Level IIIA according to the NIJ 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	NIJ IIIA-SA
Flex 2.00m <sup>2</sup>	1.60m x 1.250m	3.7mm	17.3Lbs	NIJ IIIA-SA

# POLYETHYLENE PANELS



Model: High Density



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## 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	NIJ IIIA
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



**STRONG GEAR FOR EXTREME SOULS**

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## 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 for 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" x 48" x 96"
1/8" (weight 255.25 #)	.125" x 60" x 120"
3/16" (weight 245.00 #)	.1875" 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" x 48" x 96"
5/16" (weight 409.00 #)	.3125" x 48" x 96"
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" x 48" x 96"
MIL 46100 3/16" (weight 245.00 #)	.1875" x 48" 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"

# RIOT GEAR / LESS LETHAL



Introducing our cutting-edge less lethal gear and chemicals – where innovation meets safety. Our 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.

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# RIOT GEAR



Models: ARH-1015    BDH-60-G1-F    PS-30-140  
ARS-09-G5    BDH-60-G1    PS-30-120  
TDB-07-LPX    BDH-60    PS-30-90



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## HELMET | ARH-1015

Our helmet ARH-1015 is designed for better protection and comfort for anti riot use. Offers high protection with confort and increased ventilation for the user.

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



### Characteristics

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



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



## 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 entirety.

### Characteristics

#### Hard Plastic Material

High density anti impact PABG 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

- Quick release buckle system on shoulders and sides
- Molle system in front and female velcro front and back
- Velcro opening for soft ballistic panels and 10x12 plate pockets
- Plastic articulated knees and shoulders
- 100% Polyester inner mesh for breathability





## DUTY BELT LOW PROFILE | TDB-07-LP-LM/RB/RY



Introducing our latest low-profile duty belt. Unrivaled in thinness & toughness, setting a new standard in the market. Designed for comfort, its super low profile is achieved through cutting-edge technology, featuring a unique ultra-thin yet incredibly strong webbing that securely holds gear in its place without compromising durability or flexibility. Elevate your duty gear experience with our low-profile duty belts.



Size in"	Aver.	Pant Size	Min	Max
XS	25	23	23	27
S	30	28	28	32
M	35	33	33	37
L	40	38	38	42
XL	45	43	43	47
2XL	50	48	48	52
3XL	55	53	53	57

### Basics Characteristics

<b>Models</b>	Low Profile TDB-07-LP-LM (Laser Molle) TDB-07-LP-RB (Reflective Black) TDB-07-LP-RY (Reflective Yellow)
<b>Buckles</b>	Cobra GT (Plastic) 2kN (07) model Pro Style (Aluminum) 18kN (08) model
<b>Thickness</b>	0.1" / 2.85mm
<b>Weight</b>	0.50 to 0.65 lbs. (Depending on size)
<b>Bent strength</b>	40 lbs. approx. (folding)
<b>Inner belt</b>	1.5" webbing with hook for Duty Belt adjustment



Cobra GT

Pro Style



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## 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 (Izod)



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

# RIOT GEAR / LESS LETHAL



## 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-G1, 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)



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## 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



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

# RIOT GEAR / LESS LETHAL



## 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 approx.
Height	140cm - 120cm - 90cm
Width	64 +/-1cm
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



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# RIOT CHEMICALS & GASES



Models: GL-S-A1	HG-FB-1/3
GL-S-A2	HG-CS-RM
GL-MULTI-A1	HG-1(TGHG-CS)
CAB-FB	HG-S
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



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# RIOT GEAR / LESS LETHAL



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

We manufacture our 37 / 38mm launcher model GL-S-A1 with the best materials on the market, providing excellent quality and great precision.



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# RIOT GEAR / LESS LETHAL



## 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



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# RIOT GEAR / LESS LETHAL



## 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.



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# RIOT GEAR / LESS LETHAL



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

### Characteristics

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	Double
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



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# RIOT GEAR / LESS LETHAL



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

We manufacture our automatic grenade launcher 37 / 38mm model GL-MULTI-A1 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.



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# RIOT GEAR / LESS LETHAL



## 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



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# RIOT GEAR / LESS LETHAL



## 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 crowd control. These cartridges are compatible with 37/38 or 40 smooth or rifle bore.



### Characteristics

Type	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



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# RIOT GEAR / LESS LETHAL



## 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

Type	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



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# RIOT GEAR / LESS LETHAL



## 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

Type	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	CS
Radius	8m
Material	Aluminum
Weight	194 +/- 5g
Weight Load CS	80g +/- 20g
Range	75m
Discharge Time	25s each
Percussion	Fulminant
Discharge	Continuous



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# RIOT GEAR / LESS LETHAL



## 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

Type	Simple CS gas
Height	123 +/- 1 mm
Diameter (body,base, tab)	38mm, 39.25mm, 42.84mm
Delay	2-3 sec adjustable
Thickness Tab	3.35mm
Chemical Loading	CS
Material	Aluminum
Weight	189 +/- 5g
Weight Load CS	70g
Range	80-120m
Discharge Time	25-30s
Percussion	Fulminant
Range	Not less than 137m



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# RIOT GEAR / LESS LETHAL



## 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

Type	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



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# RIOT GEAR / LESS LETHAL



## 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

Type	CS gas triple
Height	160 +/- 2 mm
Diameter	60 +/- 2 mm
Delay	1-3 sec adjustable
Chemical	CS
Discharge time	20 +/- 5s
Material	Aluminum
Weight	485g
Operating temperature	-20 / +50C



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# RIOT GEAR / LESS LETHAL



## 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

Type	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



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## 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

Type	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



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

# RIOT GEAR / LESS LETHAL



## 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

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



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## 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

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



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# RIOT GEAR / LESS LETHAL



## 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.

Height: 4.35"  
Width: 1.5"

Firing Mechanism: Spring loaded flip top and fogger



### Characteristics

Type	Steam			Fog			Vapor
	Range Effective	15 ft			12 ft + after deployed		
Composition Weight	60 grams / 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 mill		500k	2 mill		



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# RIOT GEAR / LESS LETHAL



## 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

Height: 6.25"

Width: 1.50"

Firing Mechanism: Spring loaded flip top



### Characteristics

Type	Stream			Fog			Vapor
Range Effective	18 ft			15 ft + after deployed			
Composition Weight	100 grams / 3.5 oz						72gr / 2.5oz
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 mill		500k	2 mill		



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

**STRONG GEAR FOR EXTREME SOULS**

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 Ph: 305.647.2597 | info@hedsusa.com  
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# RIOT GEAR / LESS LETHAL



## 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

Height: 9.15"  
Width: 2.6"



Firing Mechanism: Pistol grip with safety pull pin

### Characteristics

Type	Steam			Fog			Vapor
Range Effective	20-25 ft			15-18 ft + after deployed			
Composition Weight	400 grams / 14 oz						267gr / 9.4oz
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 mill		500k	2 mill		



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# RIOT GEAR / LESS LETHAL



## 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

Height: 11.87"  
Width: 2.6"



Firing Mechanism: Pistol grip with safety pull pin

### Characteristics

Type	Steam			Fog			Vapor
Range Effective	20-25 ft			15-18 ft + after deployed			
Composition Weight	550 grams / 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 mill		500k	2 mill		



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# RIOT GEAR / LESS LETHAL



## 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

Type	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



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# HANDCUFFS



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.

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# HANDCUFFS



Models: CS-N-DL50  
CS-N-DL50-P  
CS-B-DL50  
HS-N-H05  
HS-B-H05



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# HANDCUFF



## CS-N-DL50

Our handcuff model CS-N-DL50 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
Key	Standard type 3
Mechanism	Double lock
Toothed	Double
Weight	305 ± 10gr
Length	238mm
Minimum Opening	50mm
Minimum Internal Perimeter	165mm
Maximum Exterior Perimeter	200mm
Closing Positions	20



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

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# HANDCUFF



## CS-N-DL50-P

Our handcuff model CS-N-DL50-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
Key	Standard type 3
Mechanism	Double lock
Toothed	Double
Weight	300gr approx
Length	230mm approx
Minimum Opening	50mm
Minimum Internal Perimeter	165mm
Maximum Exterior Perimeter	200mm
Closing Positions	20, 21 or 22



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# HANDCUFF



## 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
Key	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



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# HANDCUFF



## HS-N-H05

Our handcuff model HS-N-H05 complies and surpasses tests required by the Criminal Justice Restraints standard NIJ-0307.01.



### Characteristics

Certificate	Standard NIJ-0307.01
Material	Carbon nickel steel K-70
Rockwell hardness B / B	HRB-92
Union	Hinge
Key	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



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# HANDCUFF



## HS-B-H05



Our handcuff model HS-B-H05 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
Key	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



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