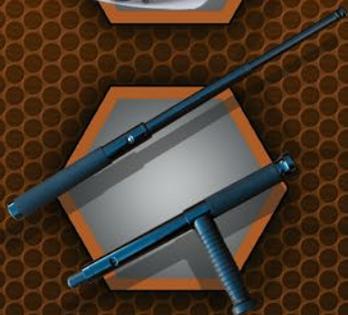


MACO **CORRECTIONS**



2016 CATALOG

CORRECTIONS

Developed with leading-edge Kevlar® Correctional technology, our concealable body armor is specifically designed to help protect corrections officers against spikes, shanks and other potentially lethal hand-made weapons typically found in corrections facilities. In response to the ever-volatile conditions and unique threats Corrections professionals face, our body armor systems provide the superior puncture and slash resistant protection corrections officers need. Tested and certified by NIJ for superior stab resistance, our body armor systems provide exceptional torso, bicep, neck and groin protection against ice picks and other sharp edged, hand-made, pointed weapons. PACA offers high performance stab packages in (Spike Levels 1, 2, or 3) with optional Edged Weapon Level 3 protection, as well as, optional ballistic protection in select body armor systems.

Standard Corrections



Thrustguard



SVIII Corrections



Operator Corrections



NIJ 0115.00 Standard for Stab Resistance

The NIJ rates body armor on resistance to hand-delivered stab threats – the NIJ 0115.00 Standard. Maximum penetration of 0.28”/7mm is allowed as serious injury is extremely unlikely with such a shallow wound. Also an “Over-test” is applied, to push the breaking point of the armor, where 0.79” / 20mm of penetration is allowed. Ice-pick or improvised “Spike” weapons testing is regularly conducted by PACA through its independent laboratories.



PROTECTION AGAINST STAB THREATS

Body armor that is ballistic resistant does not necessarily make it stab or puncture resistant (and vice versa). Sharp edged and hand made instruments with pointed tips such as spikes, awls or shanks generally do not need to tear the fabric to penetrate – it merely moves the fibers aside. PACA utilizes a combination of super fine, ultra-dense materials, which prevent pointed objects from spreading or moving the individual yarns to stop penetration/puncture.



Spike Systems

Model	Level	Weight	Thickness
S-PL1	1	0.28	0.08”
S-PL2	2	0.44	0.12”
S-PL3	3	0.56	0.14”

Combo System

Model	CB-S2-BII-1
Level	NIJ II/ Spike 2
Weight	1.02
Thickness	0.25”
V50 9mm	1787
V50 .40 Cal	1710

Combo System

Model	CB-S3-BIIIA-3
Level	NIJ IIIA/ Spike 3
Weight	1.27
Thickness	0.35”
V50 .357 Sig	1912
V50 44 Mag	1782

Combo System

Model	CB-S3-BIIA-1
Level	NIJ IIA/ Spike 3
Weight	0.97
Thickness	0.25”
V50 9mm	1613
V50 .357 Mag	1616

CELL EXTRACTION SUIT

Engineered to provide maximum blunt trauma protection, this high performance tactical vest also offers an unprecedented level of maneuverability, functionality and performance. Exceptionally lightweight and highly durable in construction, the PACA Cell Extraction Suit answers the needs and wants of corrections professionals by providing superior protective coverage for the neck, torso, biceps and groin, while offering optimum versatility in fit.

FEATURES:

- Side-opening design allows instant donning and doffing
- One-piece collar, shoulder and bicep protection system
- Removable split collar design improves interface with multiple styles of helmets
- High density, foam padding for shock absorption
- Streamlined shape and slick carrier surface with or without MOLLE interference
- Adjustable side-wing closure system provides optimum coverage and fit
- Multifaceted shoulder strapping system offers enhanced adjustability
- Low profile front and back pockets to accommodate blade plates
- Retractable groin protector with integrated thigh strapping system provides secure placement
- 3M Scotchlite™ reflective tape positioned in the front and back of the vest for high visibility
- Sturdy 1000 denier Cordura® outershell construction resists tears and punctures
- Shoulder pocket accepts 5" x 8" protection



THRUSTGUARD

Thrust Guard's Spike Class Level 3 Body Armor System exceeds the stab resistance requirements of NIJ Standard 0115.00 with zero penetrations during laboratory testing. Designed to provide maximum blunt trauma, stab and edged weapon protection, this high performance vest offers Corrections Officers an unprecedented level of security.

FEATURES

- Adjustable side opening design
- Enhanced blunt trauma protection in collar and shoulders
- Complete front, back and side stab protection
- Thrust Guard panels are removable from outershell
- Optional Groin Protector



**MAXIMUM BLUNT TRAUMA,
STAB AND EDGE PROTECTION**

EXCEEDS NIJ STAB RESISTANCE REQUIREMENTS



The Thrust Guard features an adjustable abdomen belt with protective cover flap conveniently located at the front of the vest.



SVIII CORRECTIONS

MAXIMUM BLUNT TRAUMA PROTECTION

Engineered to provide maximum blunt trauma protection, this high performance tactical vest offers an unprecedented level of security. The SVIII Corrections Body Armor System answers the needs and wants of corrections professionals by providing superior protective coverage, extreme versatility in fit and more customized features than any other corrections vest on the market.

FEATURES

- Side-opening design allows instant donning and doffing
- Multifaceted shoulder strapping system offers optimal adjustability for multi-size capability and interior VELCRO® Fasteners for improved weight distribution
- Removable throat protector is ergonomically designed to fit comfortably around chin area (optional)
- Removable split collar design provides greater comfort and improves interface with multiple styles of helmets (optional)
- Biceps protector provides enhanced protection to the entire upper arm and shoulder area (optional)
- Exclusive bicep plate pocket design accommodates 5" x 8" SPEED or Blade Plates
- Side closure plate pocket design accommodates 6" x 8" stab panels

ADDITIONAL FEATURES

- Front and back Stab panels are NIJ certified 0115.00 Spike Level 3
- Stab panel suspension system ensures protection by preventing panels from sagging and rolling inside the carrier



OPERATOR CORRECTIONS

The Operator Corrections vest is specially engineered for speed and function. Ideal for officers who need functional load-carrying capabilities with the versatility to adapt to any operation, the Operator will hold up to the toughest demands while offering superior protection.

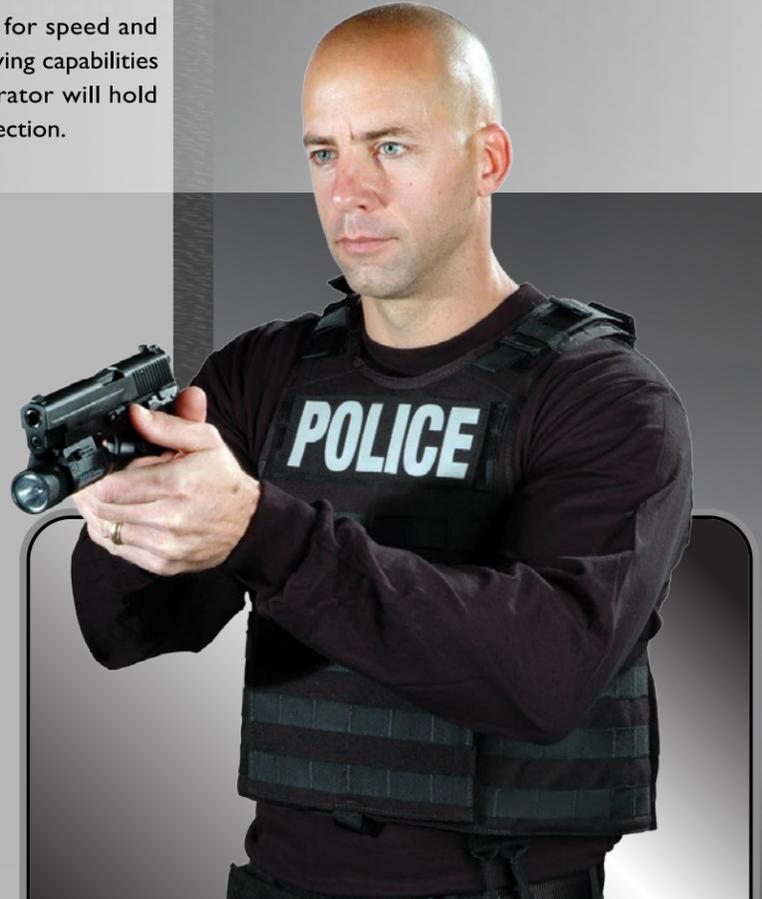
FEATURES

- Shoulder cut allows proper stock weld
- Ultra low-profile protective coverage
- Modular system accommodates optional lower back armor protection; accepts side SAPI carriers
- Front and back 10" x 12" internal plate pockets
- Front abdominal flap secures external cummerbund and includes kangaroo pouch
- Adjustable shoulder strapping system
- Emergency extraction drag strap

Adjustable shoulder straps



Front abdominal flap secures external cummerbund



ENGINEERED FOR SPEED AND FUNCTION





CORRECTIONS

Taking Performance to the Edge...

...means not only delivering maximum protection but pushing the limits beyond what you thought was possible in a tactical vest. The DRAGON FIRE™ features Point Blank's exclusive Self Suspending Ballistic Technology, Rapid Release System and multiple sizing points for exceptional adjustability.

Features:

- Critical Contour Cut provides maximum ballistic coverage while providing optimum range of motion for greater maneuverability and functionality
 1. Internal Shock Absorbing Straps significantly improves weight distribution and load bearing support
 2. Rapid Release System in the shoulders and waist for rapid doffing
 3. Self Suspending Ballistic System keeps ballistic panels from sagging and bunching
 4. Multiple sizing points in the shoulders and waist allow you to "finetune" the fit of the vest
- Optional shoulder protective panels offer additional coverage for critical breaching missions
- Removable yoke, 2-piece collar and enhanced throat protector provides greater protective coverage
- Removable bicep protector with plate pockets for optional 5" x 8" ballistic plates
- Removable and adjustable cummerbund for load bearing stabilization
- Retractable groin protector protects vital areas
- Versatile internal holster suspension system
- Top loading, dual size combo plate pockets in the front and rear for 8" x 10" or 10" x 12" plates
- Three integrated "kangaroo" plate pockets, capable of securing AR-15, M16 or similar magazines
- Non-skid "rifle butt retention" surface for both right and left hand weapon mounting
- Extra snap webbing attachment for rifle sling security when removable shoulder protective pads are not in use
- Maximum MOLLE compatible load bearing webbing system
- Side plate pockets can accommodate 5" x 8" ballistic plates
- Reinforced man-down strap



AVAILABLE WITH THORSHIELD



RETRACTABLE GROIN PROTECTOR

SHOCK ABSORBING WEIGHT DISTRIBUTION SYSTEM



SIDE PLATE POCKETS

ENHANCED ADJUSTABILITY FOR ALL SIZES



Available with SPIKE or SPIKE/Ballistic Combo Package

SUPER HORNET CORRECTIONS

The Super Hornet can adapt to any tactical mission with split-second precision.

Specifically developed to enhance mobility and provide maximum load bearing capabilities, the Super Hornet can adapt to any tactical mission with split-second precision. Easy to don and doff and incredibly durable in its construction, the Super Hornet offers the ultimate combination of protection, functionality and performance

Features:

- 2-point emergency release system
- Full ballistic coverage
- Scalable carrier design accommodates additional collar, throat, biceps, and groin protection
- MOLLE compatible webbing system
- Universal front and back plate pockets accommodate 8" x 10", and 10" x 12" hard armor plates
- Front abdominal flap secures external cummerbund; features kangaroo pouch
- Tweave comfort inner surface
- Emergency extraction drag strap
- Multi-Cummerbund system
- Adjustable shoulder strapping system
- Ballistic insertable cummerbunds
- Release / Non-release throat and collar

Options:

- Blade Plates
- Stand Alone Level III Plate
- Stand Alone Level IV Plate
- ICW III/IV Plate

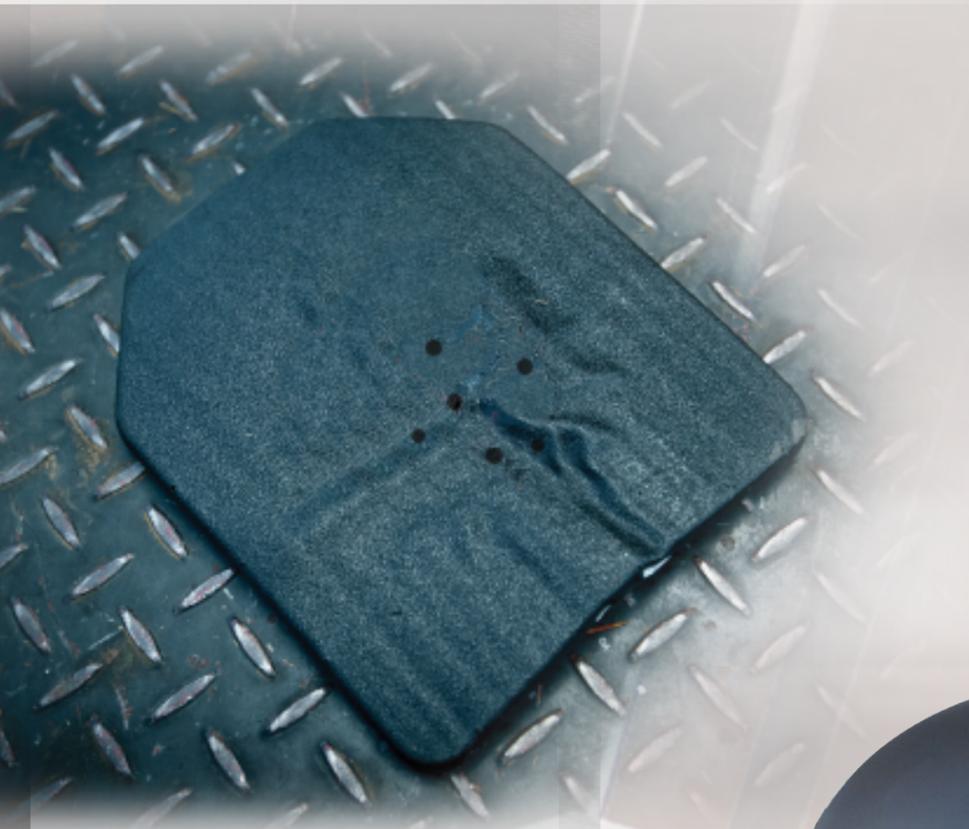


Adjustable shoulder strapping system

Front abdominal flap secures external cummerbund



CORRECTIONS ACCESSORIES



SPEED PLATES



Female



Male

The Ultimate in Exotic Rounds Protection

Designed to be worn in the chest pocket of concealable vests, our multi-curve SPEED plates are ultra-thin and highly effective in helping to minimize blunt force trauma against a variety of rounds.

MALE		
Sizes	Weight	Thickness
5" x 7" RECTANGLE	.39lbs	.35"
5" x 8" RECTANGLE	.41lbs	.35"
6" x 8" RECTANGLE	.41lbs	.35"
7" x 9" RECTANGLE	.52lbs	.35"
7" x 10" RECTANGLE	.60lbs	.35"
8" x 10" SHOOTER'S CUT	.69lbs	.35"
10" x 12" SHOOTER'S CUT	.91 lbs	.35"

FEMALE		
Sizes	Weight	Thickness
5" x 7" RECTANGLE	.39lbs	.35"
6" x 8" RECTANGLE	.52lbs	.35"

Special Threats Testing Rounds

- Winchester 9mm 127gr SXT
- Speer .357 Sig 125gr
- FN 5.7 x 28 (SS195)
- Aguila .40 S&W 95gr
- Tokarev 7.62 x 25 85gr
- Corbon .357 Sig 115gr
- Remington .30 cal carbine

Threats defeated when tested ICW NIJ certified IIIA armor

- Winchester 12ga 1oz slug

RIOT HELMET

The PACA RIOT HELMET provides outstanding protection and superior comfort. It features an optically clear, UV resistant, polycarbonate face shield with an integrally molded liquid seal. Our Riot Helmet provides the ultimate in high-level impact protection with excellent optical properties.

Features:

- TacElite EPR polycarbonate alloy helmet shell
- Expanded polystyrene liner with padded, sweat wicking inner liner
- Optional chin pad available
- Molded lip on top edge of face shield prevents shield from closing over integral visor and striking the face
- Optional NIJ compliant quick release buckle available
- Permanently mounted neck protector with Kydex® penetration shield and shock absorbent foam pad
- Detachable .150" (3.8mm) thick face shield with liquid seal prevents liquids from seeping into officer's eyes
- Double D-ring fastener provides maximum strength and slip resistance.
- Snap-on nape pad with Kydex® penetration shield, shock-absorbent foam pads and chemical-resistant black Cordura® cover Plastic chin cup for added comfort when harness is tightened
- Face guard: 0.125" (3.2mm) diameter steel wire with black nylon coating and welded joints for maximum strength and safety
- Meets or exceeds NIJ Standard for Riot Helmets - NIJ 0104.02*

*The U.S. Department of Transportation Standard, D.O.T. FMVSS218, establishes performance requirements for helmets designed for use by motorcyclists. This helmet is not intended for vehicular use.



Front



Back/Side

Inside Helmet Details



Model 906 Sizes:

- Universal: 6 1/2" - 7 5/8" (16.5cm - 19.4cm)
- XL: 7 3/4" - 8 1/8" (19.7cm - 20.6cm)
- Jumbo: 8 1/4" - 8 1/2" (20.9cm - 21.6cm)

Colors Available:

Black, Brown, Midnight Blue, Olive Drab, Green

BLADE PLATES

Trauma Insert Plates

For volatile situations where a sharp weapon may be involved, enhance your protection with a PACA Blade Plate. Constructed of high-quality EFH Stainless Steel, blade plates help defeat edged weapon attacks.



Sizes	Weight	Thickness
5" x 8" RECTANGLE	4.1oz	0.025"
8" x 10" TRAPEZOID	7.4oz	0.025"
10" x 12" TRAPEZOID	10.5oz	0.025"

SHIELDS

GLADIATOR SHIELD **Police, Sheriff, National Guard, University Police, Riot Squad, or Jail personnel.**

The Gladiator Shield is a hand held body shield with ergonomic features. The ergonomic handle allows two handed use for extreme circumstances. The handle and breakaway strap are dielectric to prevent electrical pass through and can be reversed for left or right hand use. The wide nylon arm strap is easily adjustable while in use. The shield has superior optical quality and workmanship.

Product Details

- Shield Material: Polycarbonate
- Handles Material: Polymer Alloy with steel inserts
- Weight: 4 lbs.
- 24" round with a formed radius
- Spec: USA Departmental Specification
- Thickness is 1/8 inches
- Color: Clear



CAPTURE SHIELD **Designed for cell extraction and capture applications in close quarters.**

The Capture Shield is a hand held capture shield with ergonomic features. The strong double handles allow a firm grip under various conditions. The handles are dielectric to prevent electrical pass through. This product is unique as the design allows two people to grip with both hands on each handle, when extra holding power is needed. The shield has superior optical quality and workmanship.

Product Details

- Shield Material: Polycarbonate
- Handles Material: Polymer Alloy with steel inserts
- Weight: 6 lbs.
- Size is 20" wide and 36" tall with a formed radius
- Spec: USA Departmental Specification
- Thickness is 0.150 inches
- Color: Clear



PEACEKEEPER SHIELD **Police, Sheriff, National Guard, University Police, Riot Squad, or Jail personnel.**

The Peacekeeper is a hand held body shield with ergonomic features. The ergonomic handle allows two handed use for extreme circumstances. The handle and breakaway strap are dielectric to prevent electrical pass through and can be reversed for left or right hand use. The wide nylon arm strap is easily adjustable while in use. The shield has superior optical quality and workmanship.

Product Details

- Shield Material: Polycarbonate
- Handles Material: Polymer Alloy with steel inserts
- Weight: 8.5 lbs.
- Size is 24" wide and 48" tall with a formed radius
- Spec: USA Departmental Specification
- Thickness is 0.150 inches
- Color: Clear



BELLATOR

TACTICAL SHIELDS SERIES

Features:

- Federal Standard NIJ-STD
- Ballistic Material - Hybrid composite
- Level IIIA+ protection
- Polyurea coating for enhanced durability and longevity
- Lightweight
 - 24" x 40" with viewport weighs only 16.10 lbs.
 - 24" x 36" with viewport weighs only 14.40 lbs.
- Accurate long - gun deployment
- Silhouette shape provides firearms deployment on both shoulders
- Better peripheral view
- Mitigates ricochets when deployed on the ground
- Three important components offered on the interior of the shield:
 - Stationary handle
 - Thick high density foam pad 11" x 7" x 1.5"
 - Unique VELCRO® forearm strap attachment system

Options:

- LED light with strobe
- (450 lumens)
- With or without viewport
- Transport Bag



The threats used for this ballistic resistance test were:

- .44-mag., 240-grain semi-wadcutter gas checked (SWCGC) projectiles.
- 9-mm, 124-grain full metal jacketed (FMJ) projectiles.
- .357 SIG 115-grain jacketed hollow point (JHP) projectiles.
- .357 SIG 125-grain gold dot hollow point (GDHP) projectiles.
- 9-mm Focchi, 115-grain FMJ projectiles.
- 9-mm +P+, 127-grain supreme expansion technology (SXT) projectiles.
- 7.62 x 25-mm, 95-grain TOKAREV FMJ projectiles.
- .40 cal., 95-grain Agulia projectiles.
- 5.7 x 28-mm 40-grain Hornady V-Max (Blue Tip) projectiles.
- 5.7 x 28-mm 27-grain SS195 lead free hollow point (LFHP) projectiles.

Size Options:



ASPIS

TACTICAL SHIELDS SERIES

Features:

- Level IIIA+ protection
- Lightweight (20" x 30" standard shield) weighs only 11.5 lbs. without viewport
- Polyurea coating for enhanced durability and longevity
- More functional view port
- Wider ballistic protection at top
- Weapon mount platform on both sides
- Unique VELCRO® forearm strap attachment system
- Accurate handgun and long-gun deployment
- Best agile performing shield for handgun deployment
- Better view at 12 o'clock and conversely when held inverted 6 o'clock position
- Mitigates ricochets and diverts away from center
- 3 important components offered on the interior of the shield
- V-shape added strength to the entire center length of the shield
- Stationary handle
- Thick high density foam pad

Technical Specifications:

- Federal Standard NIJ-STD
- Ballistic Material - Hybrid composite
- View Port - (Trapezoid Shape)
- Must come w/ 3 components: Handle, Foam Pad, and Forearm strap system

Options:

- With or Without View Port
- LED light with strobe (450 lumens)
- Transport Bag



The threats used for this ballistic resistance test were:

- 44-mag, 240-grain Semi - Wadcutter Gas Checked (SWCGC) projectiles.
- 9mm, 124 grain Full Metal Jacketed (FMJ) projectiles.
- 357 SIG 115 grain Jacketed Hollow Point (JHP) projectiles.
- 357 SIG 125 grain Gold Dot Hollow Point (GDHP) projectiles.
- 9mm Fiocchi, 115 grain FMJ projectiles.
- 9mm +P+, 127 grain Supreme Expansion Technology (SXT) projectiles.
- 7.62x25-mm, 95grain TOKAREV FMJ projectiles.
- .40 cal., 95 grain Agulia projectiles.
- 5.72x28mm 40-grain Hornady V-Max (Blue Tip) projectiles.
- 5.7x28mm 27grain SSI95 Lead free Hollow Point (LFHP) projectiles.

PHALANX

TACTICAL SHIELDS SERIES

Features:

- Level IIIA+ protection
- Polyurea coating for enhanced durability and longevity
- Lightweight (26" x 36" with viewport) is only 20 lbs.
- 100% Boltless System
- Larger, more functional view port
- Wider ballistic protection at top
- V - shape added strength to the entire center length of the shield
- Three weapon mount platform on both side
- Accurate handgun and long - gun deployment
- Better view at 12 o'clock and conversely when held inverted 6 o'clock position
- Mitigates ricochets and diverts away from center
- 3 important components offered on the interior of the shield:
 - Stationary handle
 - Thick high density foam pad
 - Unique VELCRO® forearm strap attachment system

Technical Specifications:

- Federal Standard NIJ-STD
- Ballistic Material - Hybrid composite
- View Port - (Trapezoid Shape)
- Must come w/ 3 components: Handle, Foam Pad, and Forearm strap system



Options:

- With or Without View Port
- LED light with strobe (450 lumens per unit)
- Transport Bag

The threats used for this ballistic resistance test were:

- .44-mag., 240-grain semi-wadcutter gas checked (SWCGC) projectiles.
- 9-mm, 124-grain full metal jacketed (FMJ) projectiles.
- .357 SIG 115-grain jacketed hollow point (JHP) projectiles.
- .357 SIG 125-grain gold dot hollow point (GDHP) projectiles.
- 9-mm Fiocchi, 115-grain FMJ projectiles.
- 9-mm +P+, 127-grain supreme expansion technology (SXT) projectiles.
- 7.62 x 25-mm, 95-grain TOKAREV FMJ projectiles.
- .40 cal., 95-grain Agulia projectiles.
- 5.7 x 28-mm 40-grain Hornady V-Max (Blue Tip) projectiles.
- 5.7 x 28-mm 27-grain SSI95 lead free hollow point (LFHP) projectiles.

Size Options



24" x 36"

24" x 40"

BATONS ALPHA-LOCK



The Alpha Locking Baton offers an increased diameter construction for more effective street performance. It has a higher kinetic energy potential and greater feeling of balance in the hand.

Features:

- The locking mechanism ensures the baton will stay locked open while striking, blocking or jabbing
- Closes with a push of a button - no need to strike the baton on the ground
- Increased diameter compared to the standard Auto-Locking baton
- Rotating shafts help maintain control of the baton during a struggle
- Open passively or in a high-profile manner

Description

21" Expandable Automatic Locking Baton

Product Details

- Open - 21"
- Closed - 8.750"
- Handle Diameter - 1.085"
- Middle Tube Diameter - 0.755"
- Small Tube Diameter - 0.550"
- Material - 4130 Seamless Steel
- Finish - Black Chrome
- Weight - 23.2 oz.

FRICTION LOCK

The Friction Lock Baton is a durable three-stage telescopic collapsible baton. It has an adjustable retention clip within a barrel bore guide, which eliminates clip breakage during closing. This baton is comfortable to carry and easy to open with a flick of the wrist.



Features:

- Basic Foam Grip – for a more traditional feel, a sure grip, and cushioning against shock
- Super-Grip - a fluted surface texture that enhances control and retention
- Safety Tip - crafted of urethane that allows passive drawing of the baton, useful for turning a suspect's pockets inside out without the risk of injury from needles, knives, or other sharp objects

21" Friction Lock Foam Grip

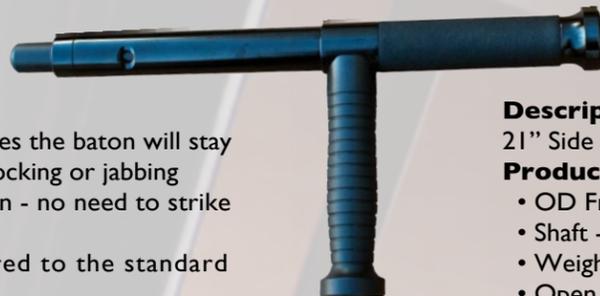
- Finish – Black Chrome
- Open – 21"
- Closed – 8.750"
- Handle Diameter – 1.085"
- Middle Tube Diameter – 0.755"
- Small Tube Diameter – 0.550"
- Material – Steel 4130

26" Friction Lock Foam Grip

- Finish – Black Chrome
- Open – 26"
- Closed – 10.375"
- Handle Diameter – 1.085"
- Middle Tube Diameter – 0.755"
- Small Tube Diameter – 0.550"
- Material – Steel 4130

This control baton has been engineered with safety in mind. The design has been field tested and has been found to be highly effective for blocking, controlling, and striking.

ELITE SIDE HANDLE



Features:

- The locking mechanism ensures the baton will stay locked open while striking, blocking or jabbing
- Closes with a push of a button - no need to strike the baton on the ground
- Increased diameter compared to the standard Auto-Locking baton
- Open passively or in a high-profile manner
- Rotating shafts help maintain control of the baton during a struggle

Description

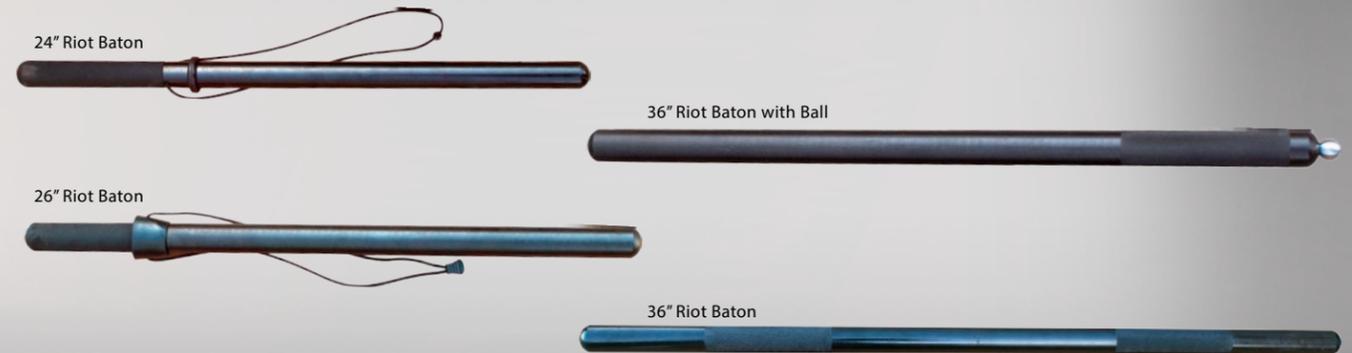
21" Side Handle Expandable Baton

Product Details

- OD Frame - 1"
- Shaft - 11/16"
- Weight - 22 oz.
- Open - 21"
- Closed - 13"
- Finish – Black Hardcoat Anodized Coating
- Material - 6061 Aluminum 7075 Aluminum Shaft

NYLON STRAIGHT BATON

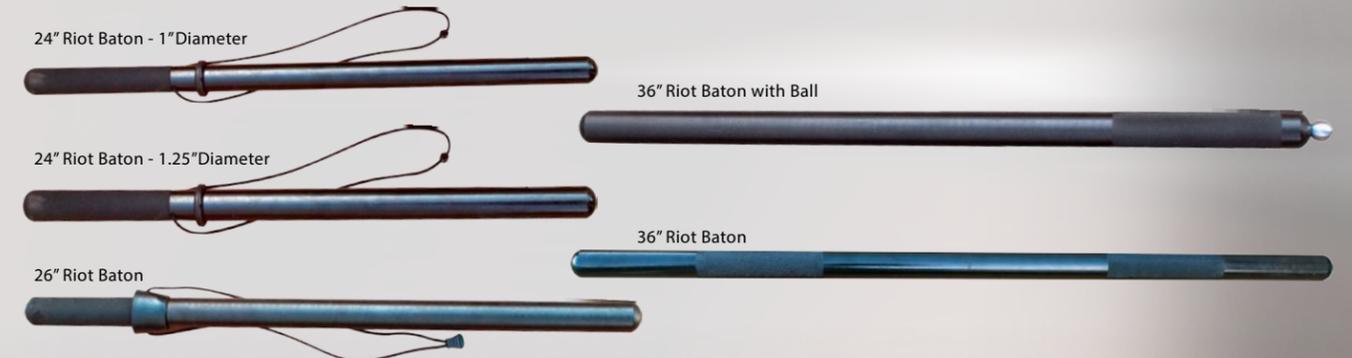
This durable baton is made of a weather resistant material that will not crack or peel. In addition, it is strong, lightweight, and affordable. It can be used with all standard baton techniques, tactics, and training programs.



Model	Length Closed	Diameter	Grip
24" Riot Baton	24" (60.96cm)	1" (2.54cm)	Nylon Foam
26" Riot Baton	26" (66.04cm)	1" (2.54cm)	Nylon Foam
36" Riot Baton	36" (91.44cm)	1¼"(3.18cm)	Nylon Two Knurl
36" Riot Baton with Ball	36" (91.44cm)	1¼"(3.18cm)	Nylon Two Knurl

POLYCARBONATE BATON

These durable batons are made out of a weather resistant material, which makes it stronger than conventional batons and will not crack or peel. In addition, these batons are affordable and can be used with all standard baton techniques, tactics or training programs.



Model	Length Closed	Diameter	Grip
24" Riot Baton	24" (60.96cm)	1" (2.54cm)	Foam Grip
26" Riot Baton	26" (66.04cm)	1" (2.54cm)	Foam Grip
24" Riot Baton	24" (60.96cm)	1¼"(3.18cm)	Foam Grip
36" Riot Baton	36" (91.44cm)	1¼"(3.18cm)	Two Knurl-Grips
36" Riot Baton with Ball	36" (91.44cm)	1¼"(3.18cm)	Two Knurl-Grips