



YOUR DUTY IS OUR MISSION

Sentinel Tactical Gear provides top-quality equipment for law enforcement, military and homeland security agencies. Providing them with the tools to complete their missions safely and effectively.

The Sentinel Tactical Gear product line includes a full range of police duty gear, protective gear and tactical equipment. These products are of the highest quality in terms of materials, construction and durability. Sentinel Tactical Gear products are tested and approved by our product development team with collaboration and field testing by our security force partners.



RAYGUN

Ultra High Intensity light beam gun

RAYGUN Non-Lethal Device:

The RAY-GUN beam may be used during the day and at night, as a light-based non-lethal weapon. In steady spotlight or strobe mode, the unit delivers an intense white light beam. When aimed at the target's eyes; the subject will immediately sense an overload of his optical network. As a result, the targeted subject is safely and painlessly distracted, disoriented, or otherwise incapacitated, and may be apprehended with relative ease.

The RAY-GUN is a portable ultra high intensity searchlight, designed for exceptionally long range illumination of over 2 miles (3.5 km).

The RAY-GUN unit is made of exceptionally strong glass-filled nylon, to battlefield standards. Its pistol shape is easy to hold and is ergonomically designed to feel familiar to most operators, providing an intuitive user experience. An attached shoulder sling makes for comfortable and easy carrying of the unit and its battery pack.

The unit is compact, water resistant and weighs only 8.5 lbs (3.9 kg), making it very lightweight for such a high performance searchlight.

The Ultra High Intensity searchlight unit is ideal for the following applications

- Riot Control
- Police and Law Enforcement
- Sniper Suppression
- Military Searchlight
- Border Patrol
- Search and Rescue



WARNING: To be used only by authorized and trained Law Enforcement, Correctional, Military and Police Personnel

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

RAYGUN

Technical Specifications

TECHNICAL SPECIFICATIONS	
ITEM	DATA
Light Intensity	11 million candela (peak)
Light Source and Colour	
Source	175W short arc xenon bulb
Colour Temperature	5900 Kelvin
Beam Divergence	
Spot Mode	2°
Flood Mode	6°
Power Supply	
Input Voltage Range	12 - 30VDC, 230W (input maximum)
Current Rating	16A (min)
Battery	
Battery Type	Rechargeable lithium polymer
Operating	
Charging:	0°C to +45°C / +32°F to +113°F
Discharging:	-20°C to +60°C / -68°F to +140°F
Storage (longer than 2 weeks):	-20°C to +45°C / -68°F to +113°F
Battery Life (per cycle) at 23°C / 73°F	
Continuous High Beam	100 min
Continuous Low Beam	180 min
Strobe Beam	210 min
Recharge Time	5 hours (approx)
Weight	
Light Unit	8.6 lbs / 3.9 kg
Battery and Vest	7.7 lbs / 3.5 kg
Dimensions: Light Unit	
Length (flood mode)	16.1 in / 410 mm
Length (spot mode)	19.7 in / 500 mm
Height	11.8 in / 300 mm
Diameter (top body)	4.1 in / 104 mm
Battery Charger	
Input Voltage	100 - 240VAC 50 - 60Hz
Output Current	25.5VDC at 4A



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RIOT CONTROL PROTECTIVE GEAR

EVO RIOT SUIT

The EVO Riot suit offers the most advanced materials and design available.

The effectiveness of blunt trauma protection depends upon a combination of factors including strength, durability, comfort and flexibility to be able to cope with the many different situations found in the field.

No one can foresee the amount of time the officer will be wearing the riot suit, or the amount of punishment they will be required to withstand, which is why every component is exhaustively tested in the development stage to cope with almost any scenario.

The EVO Riot Suit range was designed with weight savings, improved performance and maneuverability, with a range of sizes. Each part of the suit combines Shock absorbing Thermoform liner with outer protection hard shell materials—ensuring perfect fit protection and comfort/



Riot suit set includes:

- Upper body protector
- Full arm, elbow and shoulder protectors
- Thigh and groin protector
- Foot, leg and knee protectors
- Set does NOT include Helmet, gloves and boots

Total Weight: 4Kg (+/-0.5kg)

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TRX RIOT SUIT

The TRX modular crowd control system provides police forces with the ultimate combination of protection and mobility.

Especially suitable for high-threat riot situation, this system was designed to deliver the highest protection from blunt force trauma without sacrificing comfort and mobility.

Exclusive features and modular characteristics of this system make the Sentinel TRX the most advanced crowd control protective system on the market. All of the TRX pieces are fastened and adjusted quickly and easily, allowing perfect fit to a wide range of body types

- ✦ The front and back hard shell panels have a modular flex design allowing for all shapes and sizes to fit comfortably without sacrificing mobility.
- ✦ Shock absorbing EVA foam with a Polyester mesh covers the chest, back, shoulder and upper arm.
- ✦ Polyester mesh lines the inside of the upper body and shoulder portion which offers comfort and breathability for long term wear.

Weight: 7Kg (+/-0.5kg)



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EVA UPPER BODY PROTECTION SYSTEM

The EVA Upper Body protective suit delivers upper body protection combined with mobility and comfort, made of lightweight Eva foam cells that protect the torso and shoulders from blunt force trauma.

- ✦ Ideal for Riot control and correctional facility use.
- ✦ Supplied with adjustable shoulder straps and waist Velcro straps resulting in a tight, secure fit.



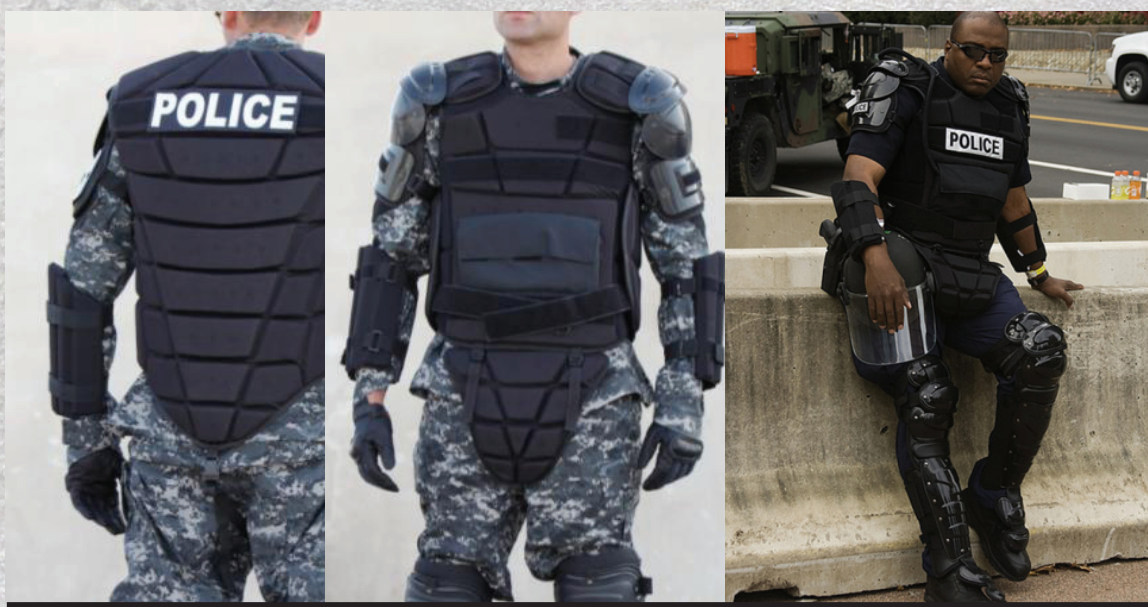
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XTAC UPPER BODY PROTECTION SYSTEM

An improved version of the EVA upper body protection system, the XTAC offers hard shell shoulder and upper arm protection, improved contour design that fits the body like a glove as well as an integrated Hydration Bladder pocket.

- ✦ Hard shell shoulder protector for increased blunt force protection
- ✦ Supplied with adjustable shoulder straps and waist Velcro straps resulting in a tight, secure fit
- ✦ Hydration Bladder pocket (sold separately)
- ✦ Adjustable, removable groin protector
- ✦ Lower back extension protecting tailbone
- ✦ Utility pocket



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KNEE, ELBOW AND FOREARM PROTECTORS

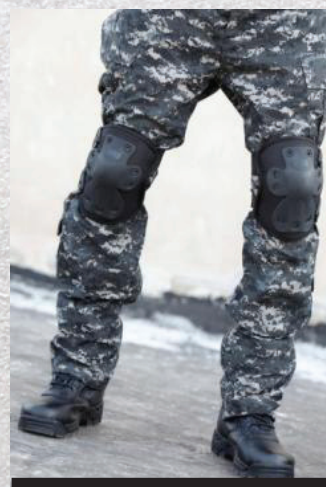
EVA Forearm protectors

Forearm protection from wrist to elbow.
Lightweight EVA foam with hard shell plastic inserts for blunt force protection.



New Generation Knee and Elbow protectors

these New Generation Knee and Elbow protectors are designed to decrease weight and drag while maintaining excellent protection. The innovative knee and elbow pad systems are designed to absorb impact force while keeping with the flexibility and mobility required in any tactical situation.



Knee protectors



Elbow protectors



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TRX RIOT SHIELD

The most advanced riot shield design on the market. Featuring a unique curved design and inner shock absorbing frame

- ✦ 1060x510x4.5mm
- ✦ Top Handle for extra leverage
- ✦ Urethane cover on edges for safety
- ✦ Curved out shape on top and bottom of the shield provides more secure grounding as well as protection from edge impact
- ✦ Advanced shock absorbing inner frame with ergonomic forearm support

Optional feature: Tactical Lights

- ✦ Powerful LED lights - 600 lumen
- ✦ 6 CR123 batteries | 4-6 hours
- ✦ Water and shock proof

3 Operational Modes - press single switch:

- ✦ Once for Momentary (press & hold)
- ✦ Twice for Turbo-Strobe (riot control)
- ✦ Three times for Solid On



RIOT SHIELD

Polycarbonate material for strength and superior see-through optical quality

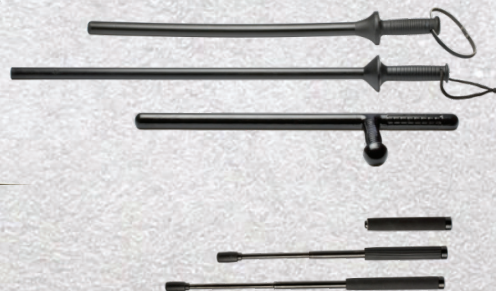
Dimensions:
900x500x4mm



BATONS

selection of law enforcement and correctional batons and related accessories

- ✦ Rubber with fiber core
- ✦ Side Hand Polycarbonate Baton
- ✦ Expendable Batons



HANDCUFFS

Range of Handcuffs and restraints suitable for law enforcement and correctional use

- ✦ Chained Handcuffs
- ✦ Hinged Handcuffs
- ✦ Rigid Handcuffs



MOUNTED POLICE HORSE PROTECTION

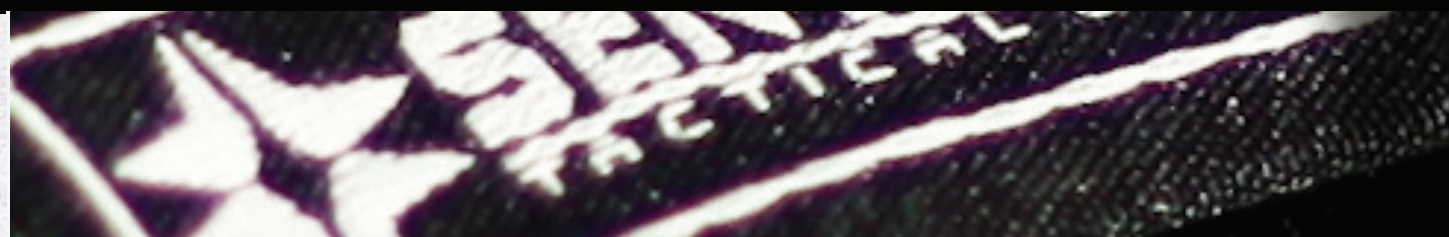
This line of horse protective equipment is designed for use in riot control assignments.

Police Horses have shown to be very effective in riot control operations. However, they are exposed to injuries from stones, bottles, sticks and other hard objects that can hit, distress and injure the horse.

The Horse riot protection equipment set:

- ✦ Protective Blanket
- ✦ Chest Plate
- ✦ Front Leg Guard
- ✦ Back Leg Guard
- ✦ Nose Guard with Visor





BODY ARMOR AND M.O.L.L.E GEAR

BODY ARMOR

The Sentinel body armor range is available in Law Enforcement, Military and concealable VIP designs.

Ballistic Standard: NIJ0101.06
 Threat Level: IIIA

360° MOLLE load bearing offers the capacity to carry a range of tactical products and accessories. MOLLE pouches are modular to meet the specific needs of your team, hard armor plates can be added to the carrier for enhanced protection.

Contour Cut provides optimum ballistic coverage while maximizing range of motion.

- ✦ High performance para-aramid fiber – compliance to NIJ Standard-0101.06)
- ✦ Tough 1000 Denier abrasion-resistant fabric Dirt resistant, easy to clean and quick drying
- ✦ Hard Armor plate pockets on front and back
- ✦ 4-Point Adjustable hook and loop (Velcro) closure
- ✦ Flexible adjustment straps to provide customized fit and exceptional comfort with cummerbund cover
- ✦ 3D Mesh on lining to keep airflow between the body and the armor for cooling effect
- ✦ Reinforced Drag Strap on the back



Front
Adjustment



Back



Drag Strap



3D Mesh

X-TAC BODY ARMOR

Ballistic Standard: NIJ0101.06

Threat Level: IIIA

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Front
Adjustment



Back



Drag Strap



3D Mesh

CORDURA

AVAILABLE IN:	
	ARMY DIGITAL
	DARK BLUE
	OD GREEN
	BLACK

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Hard Armors and Plate Inserts



Design Technology

- ✦ Monolithic plates
- ✦ Single curve plates
- ✦ Multi-curve plates
- ✦ Side plates
- ✦ Groin plates
- ✦ Female plates
- ✦ Special geometry and custom order plates

Protection Levels

- ✦ NIJ III, IV, IV+
- ✦ E-SAPI (US only)
- ✦ X-SAPI (US only)
- ✦ HOSDB RF1, RF2
- ✦ EOD and blast protection
- ✦ Others

Armor Technology

- ✦ Aramid fibers
- ✦ High Density Polyethylene (UHMWPE)
- ✦ Ceramic plates and tiles:
 - Alumina
 - Glass ceramics
 - Silicon carbide
 - Boron carbide



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TACTICAL VESTS

The Tactical Assault Vest features side-release buckles with adjustable web straps and fully adjustable shoulder straps for a tailored fit.

The vests are made of heavy-duty 1000D abrasion resistant Cordura®. Adjustable for length and girth as well as equipped with robust drag handle.

HLS Vest:

3 rifle magazine pouches
1 small accessory pouch
2 pistol magazine pouches
2 large accessory pouches with 1 small equipment pouch, 1 interior pocket for hydration bag and 2 internal document pouches which are very convenient and practical.

Assault Vest:

6 rifle magazine pouches
2 small accessory pouches
1 radio pouch
1 interior pocket for hydration bag
and 2 internal document pouches which are very convenient and practical

✦ Custom Pouch arrangements are optional



HLS Vest



Assault Vest

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CORE-MOLLE TACTICAL VEST

The CORE MOLLE Load carrying Vest can accommodate more than a dozen different MOLLE compatible pouches.

The CORE Vest can be loaded with a wide selection of CORE MOLLE pouches according to the specific operational requirements of the user.



- ✦ Made of heavy-duty 1000D abrasion resistant Cordura® for durability and nylon mesh for maximum breathability
- ✦ Interior Hydration pack pocket on the back (on the inside)
- ✦ MOLLE webbing on front and back for attaching pouches or gear
- ✦ Two full-size interior map pockets with YKK® zippers
- ✦ Fully adjustable for height and girth
- ✦ Robust drag handle
- ✦ Double Shoulder D-rings for accessory attachment



CORDURA

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MOLLE POUCHES

M16/M4 Mag pouch
(Holds 2 Mags)



M4/M16 Double Mag Pouch (Holds 4 Mags)



AK-47 Mag Pouch -
(holds 4 Mags)



Double Pistol Mag pouch



Gas Mask pouch



Hydration carrier bag



Shotgun Ammo pouch



Radio pouch



Single flash bang pouch



Double Flash Bang pouch



40mm rounds pouch



Double Smoke grenade pouch



Fold-Up Dump Bag pouch



Fold Out Utility pouch



Fold Out Medic pouch



Single Smoke Grenade pouch



Double Grenade pouch



Police Radio pouch



Cuff pouch

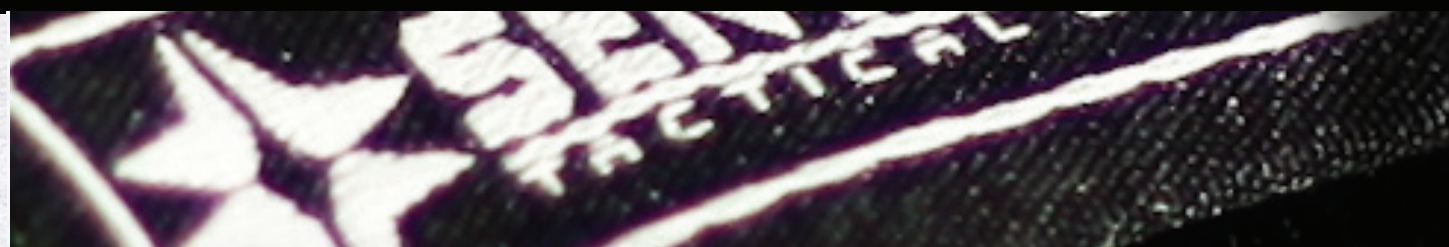


Commander pouch



GPS pouch





HEAD
PROTECTION

TRX RIOT HELMET

The TRX anti Riot Helmet is designed to provide protection against impacts, liquids and ignited Substances for use by Police, Prison and Security Services.

This helmet offers state-of-the-art head protection and features an extra wide EVA foam pad that protects the wearer on the neck and shoulder area, yet is flexible enough to allow easy head movement.



- ✦ Meets or exceeds NIJ 0104.02 specifications for riot conditions
- ✦ Flip-up, 3mm polycarbonate visor with liquid guard
- ✦ 3/4" chin strap with quick release buckle and soft rubber chin cup
- ✦ Designed to be used with most current gas masks
- ✦ Provides full coverage including critical skull base area and upper cervical area.
- ✦ Quick-release buckles
- ✦ Net Wight 1250Gr +/- 50Gr



BALLISTIC HELMET

Our Ballistic Helmets combine protection, reliability and comfort. The use of multiple layers of high quality Ballistic material in our shells ensures superior protection.

Ballistic Performance
NIJ Level IIIA (9mm and 0.44 magnum)

Suspension system:

3 point and 4 point harness
Snap fit and quick release chin cap / strap.

Optional Neck Protector

Optional Level IIIA Ballistic Visor with
adjustable mounting system



Standard Colors:

Olive Green

Black

(Other colors available on request)

TACTICAL GAS MASKS

These new Tactical Gas Masks were developed specifically for officers during tactical deployment and crowd management situations for protection against NBC and riot control agents including CS, CN and OC.

The unique mask design delivers an extra wide field of vision combined with great comfort and flexibility. The Mask has a 180 degree peripheral Viewing area, and is coated to absorb ultra violet rays. The Face Seal is soft and has a Spring Effect designed in the S Shape rubber seal. This allows the mask to be worn for extended time of up to 120 hours.



- ✦ 3 NATO 40mn DIN 3283 filter ports (left, center, right).
- ✦ Side location of filter allows a more comfortable aiming of a gun in tactical situations.
- ✦ Silicone face seal (excellent for long period use)
- ✦ Drinking device option
- ✦ Microphone connection option
- ✦ Optical lenses support



GAS MASK FILTER

The Gas Mask filter canister was developed to provide protection against all known NBC agents in the form of vapors and aerosols.

The Gas Mask Filter is a robust durable canister intended for military and civil defense use. It is specially designed for comfort and extended use at a minimal physiological load, having low breathing resistance and low weight. its design assures optimal performance complying with all IDF specifications as well as the performance requirements of the American Army C2 filter canister. The filter is supplied with a standard NATO thread (40 mm x 1/7") and is thus compatible with almost all military and industrial respirators. The filters are supplied sealed with leak-proof plastic caps, assuring a shelf life exceeding 15 years.

Typical performance Characteristics:

Weight: 228 g (w/o caps)

Diameter: 106 mm

Height: 75 mm

Air flow resistance: 14 mm water gauge at a flow of 30 lpm

Aerosol penetration: <0.01%

CK gas life: 100 minutes (at a flow of 30 lpm and inlet concentration of 2.4 mg/l)

DMMP gas life: 250 minutes (at a flow of 30 lpm and inlet concentration of 3.0 mg/l)

Charcoal: ASC 12x30 complying with Mil-C-13724D

Filter medium: Glass fiber HEPA media complying with ASME AG-1 Section FC-1



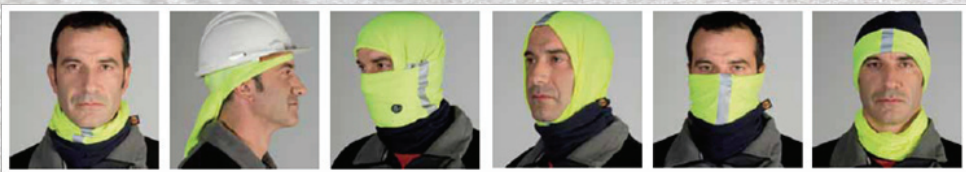
FIRE RESISTANT BUFF

This protective item is made of Nomex® and XLA™ (for increased comfort) complies with EN-340, EN ISO 11612 and EN 1149-5/08 to protect the wearer accordingly.

Fire Resistant Buff® is suitable for police, military and fire services who require protection from thermal hazards, heat and/or flames, even in potentially explosive environments.



As well as offering protection from fire, dust, cold, wind and sun, a buff can also be worn as a scarf, cap, bandana, mask, balaclava or helmet liner.



Buff® Protection products are multifunctional, seamless, and elastic and can be worn in different ways offering excellent versatility and superb wearer comfort.

Additional protective Buffs available are: Polar buff, thermal buff and wind proof buff.

Available in a variety of colors

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DUTY GEAR

TACTICAL COVERALL

The Sentinel coverall is designed for maximum comfort and protection, available in fire retardant or Nomax material.

- ✦ Stand up collar with secured Velcro closure
- ✦ Heavy duty YKK® zipper systems
- ✦ Two ways zipper front for ease and convenience
- ✦ Removable neoprene knee and elbow pads
- ✦ Adjustable waistband
- ✦ Belt-keeper loops
- ✦ Large outer pockets



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DROP LEG RIGS

Universal Drop Leg Platform

Drop leg panel for carrying subloads on the leg. Platform front has five MOLLE cross webbing straps, and the bottom four each has six loops for mounting different MOLLE pouches.

Drop Leg Gas Mask Pouch

holds all standard size gas mask comfortably and securely. The drop leg gas mask pouch allows for silent and rapid access to the mask.

Drop Leg Dump Bag

The pouch is low profiled with a depth of approximately cm, but nevertheless will hold up to seven M4/M16 magazines. The front of the pouch is compatible with MOLLE mounting pouches and accessories and allows the pouch to be used as a limited MOLLE leg carrier plate.



Available in:



CORDURA

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DUTY GLOVES

Cut Resistant

KLD

The KLD Glove has the classic look and feel of an all leather duty glove with a more modern functional design. The contour cut and high grade aniline goatskin make the KLD an extremely comfortable high abrasion resistant glove. For the protection of the duty officer, a full Kevlar® liner is added for cut resistance.



DG5

The DGS represents the ultimate in flexible protection. The new technology of the T5 liner gives the DGS glove level 5 cut resistance and high heat resistance with amazing flexibility. The DGS is the next level in-hand protection.



KPD

The KPD glove offers the perfect balance of flexibility, fit and protection. The KPD is a breathable glove with a Kevlar® lined palm to offer cut resistant protection for peace of mind in the field. The contour design and flexible materials offer tactility and a comfortable fit.



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TACTICAL GLOVES

Hard Knuckle Glove

The Hard Knuckle Glove offers premium flexibility, feel and protection. The impact resistant knuckle piece, Kevlar® and digital leather palm reinforcement deliver a durable performance oriented glove suitable for intense tactical operations.

- ✦ 9oz Kevlar® Fire resistance and cut resistance on back of hand
- ✦ Injection molded hard-knuckle piece
- ✦ Contour cut design with wrapped finger



Combat Glove

The Combat Glove offers premium flexibility, feel and protection. The high-density foam knuckle and hand protection design, interlock Kevlar® material and high grade aniline goatskin leather make this an adaptable glove suitable for any tactical situation.

- ✦ 9oz Kevlar® Fire resistance and cut resistance on back of hand
- ✦ Dynamic knuckle and hand protection design - high density closed cell foam
- ✦ Contour cut design - wrapped finger



TACTICAL BOOTS

8" Waterproof TacX Boot

- Height – 8"
- Sole Pattern – Vibram® Ananasi
- Upper – Black Full Grain Aniline Leather and SuperFabric®
- Lining – Dual-Zone Wicking and Breathable Air Mesh
- Outsole – Slip, Acid and Oil Resistant, Non Marking Rubber
- Midsole – Molded EVA
- Removable Innersole – Patent Pending Double Density EVA with multi-port ventilation
- Tongue Lace Guard
- Molded Resin and Nylon Speed Laces



8" EXO Boot

- Height – 8"
- Sole Pattern – Lug
- Upper – Full Grain Leather
- Protective Foam Impact Pods
- Lining – Dual-Zone Wicking and Breathable Air Mesh
- Outsole – Slip, Acid and Oil Resistant, Non Marking Rubber
- Midsole – Molded EVA with Moisture Wicking Top Liner
- Removable Innersole – Anatomically Molded EVA with Shock Pads
- Molded Resin and Nylon Laces
- Non-Metallic Boot
- Medial Side Ventilation Screen



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