



MANUFACTURING CAPABILITIES

PERSONAL PROTECTION EQUIPMENT

CUSTOMIZED SOLUTIONS FOR YOUR PROTECTION

Composites Solutions is one of the most technical advanced manufacturers of protection equipment in the world. The company was founded in 2010 and offers with its team more than 25 years of experience in the ballistic sector.

We are experts in the technical development, sales and marketing. We invest all our experience to always develop the best product for our customers.

WE ARE THE 'PRO' IN PROTECTION
PLATFORM PROTECTION | LAND | AIR | SEA

PERSONAL PROTECTION

LAND | AIR | SEA

Composites Solutions provides state of the art light weight armour products to its worldwide partners.

To provide highest performance of our products we are focused on intense internal R&D work.

Based on our long-term experience in the armour industry we are prepared to offer professional armour design and manufacturing of armour kits defeating all potential ballistic threat scenarios.

We are linked to leading partners in the armoring industry, from purchase to sales.

BALANCED PROTECTION AND PERFORMANCE

We develop ballistic solutions in close cooperation with our partners.

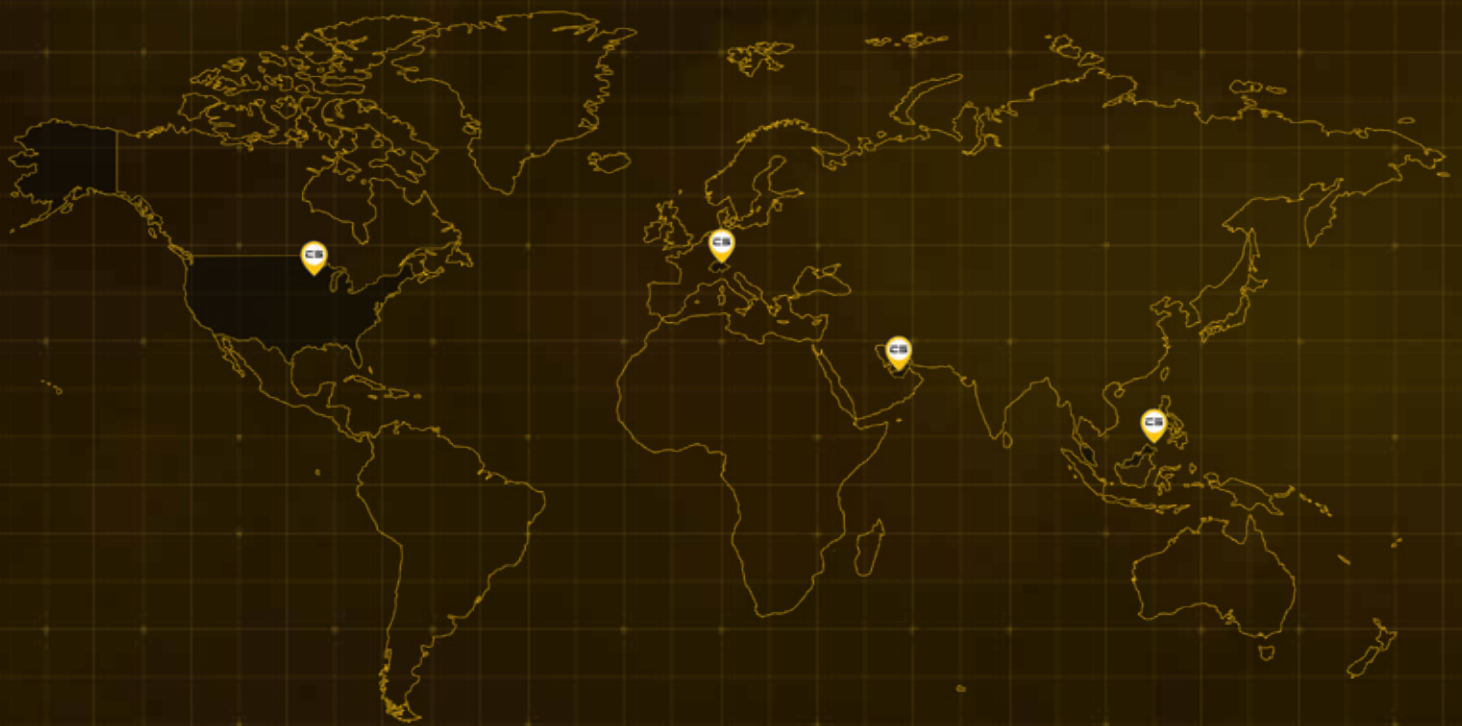
Our mission is to generate tailored materials, combinations and designs to satisfy our specific customer demands.

Based on our long-term experience we provide optimized tailored solutions to our customers.

Composites Solutions is your choice for state-of-the-art lightweight ballistic protection

COMPOSITES SOLUTIONS

GLOBAL PRESENCE



USA



EUROPE



MIDDLE EAST



ASIA

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PERSONAL PROTECTION LAND | AIR | SEA

MANUFACTURING CAPABILITIES

We design and manufacture cutting-edge protective gear and armor solutions using state-of-the-art technologies.

Body Armors

Ballistic Insert Plates

Ballistic Shields

Demining & EOD Gears

Ballistic Helmets

Flexible Shield

Soft Armor Panels

Ballistic Briefcase

Ballistic Blanket

Security Vests

TAC / Utility Belt

Ammunition Pouches

PERSONAL PROTECTION EQUIPMENT

BODY ARMOR

Composites Solutions sets new global standards for performance, flexibility and weights of all our body armor designs.

We focus on the design and manufacturing of a wide range of ergonomic and unique body armor styles which exceed all expectations. Covert Vests, Overt Vests, Tactical Vests, Plate Carriers and Maritime Vests are only a few of our state-of-the-art portfolio.

Composites Solutions utilizes the newest superior selection of materials available to guarantee the best possible protection combined with maximum comfort and mobility.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

PERSONAL PROTECTION EQUIPMENT

BODY ARMOR COVERT VESTS

Composites Solutions designed over the past years a fine selection of lightweight and breathable Covert Vests.

All materials used have in mind to prevent moisture pick-up as well as maximum wearing comfort during the daily usage.



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LIGHTWEIGHT



WATER REPELLENT

BODY ARMOR

OPTIMA VEST



SPECIFICATIONS

- Optima Fit design to protect vital organs
- Soft armour protection in front and back
- Side zipper opening on both sides for easy wearing
- Flexibility and low weight enhance manoeuvrability
- Round collar cut for supreme convenient fit
- Removable soft armor panel
- Colors available in black or white or on request

OUTER GARMENT

- High quality knitted carrier fabric
- Superior ergonomic fit
- Excellent wearing comfort
- Remarkably Lightweight
- Outstanding breathable knitted fabric absorbs moisture

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs available according to various international standards

SOFT ARMOR

Optima Fit Soft Armor



WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

White

BODY ARMOR

COVERT COMFORT VEST



SPECIFICATIONS

- Concealable, flexible and lightweight
- Protects vital organs
- Front & back armour panels overlap on the sides
- Easy Waist and Shoulder size adjustment
- Low profile shoulder cushions
- Soft armor cut designed for maximum free arm movement

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Facilitates ventilation and evaporates perspiration
- Durable and lightweight garment
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs available according to various international standards

SOFT ARMOR

Covert Vest Soft Armor



INSERT PLATE

Comforts Insert Plates



WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

Blue

White

PERSONAL PROTECTION EQUIPMENT

BODY ARMOR OVERT VESTS

We do provide an extensive range of Overt Vest designs for various end-user requirements.

All our Overt Vest can be customized in regard to color, sizes, protection level, high visibility retroreflective tapes, added pouches, microphone tabs.



DURABLE



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LIGHTWEIGHT



WATER REPELLENT

BODY ARMOR

PATROL VEST



SPECIFICATIONS

- Front zip-side opening design
- Designed to be donned and doffed easily
- Compatible with front and back insert plates
- Full waist and shoulder size adjustment
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front and back panel for ID/IR/Data Patch attachment
- MIC tabs on the shoulders
- Ambidextrous utility pockets
- Straight pocket flap

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs available according to various international standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

SOFT ARMOR

Patrol Vest Soft Armor



INSERT PLATE

Comforts Insert Plates



PATROL VEST DESIGN OPTIONS

LAW ENFORCEMENT



HIGH VISIBILITY



COLOR OPTIONS

Black

Olive

Tan

Blue

High
Visibility

BODY ARMOR

SECURITY VEST



SPECIFICATIONS

- Designed to be donned and doffed easily
- Compatible with front and back insert plates
- Full waist and shoulder size adjustment

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front and back panel for ID/IR/Data Patch attachment
- MIC tabs on the shoulders

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs available according to various international standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

Navy

SOFT ARMOR

Security Vest Soft Armor



SECURITY VEST DESIGN OPTIONS

Vest with Patch



BODY ARMOR

OVERT VEST



SPECIFICATIONS

- F360 Degress protection
- Designed to be donned and doffed easily
- Compatible with front and back insert plates
- Full waist and shoulder size adjustment
- Operative as Plate Carrier for Stand Alone insert plates

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs available according to various international standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

Navy

White

SOFT ARMOR

Overt Vest Soft Armor



INSERT PLATE

Comforts Insert Plates



OVERT VEST DESIGN OPTIONS

HIGH VISIBILITY



OVERT VEST SECURITY



PERSONAL PROTECTION EQUIPMENT

BODY ARMOR PLATE CARRIER

Composites Solutions proposes a wide range of Plate Carriers with Molle as well as Laser Cut design options.

The majority of our Plate Carriers is also upgradeable with our Modular Protection Modules as well as several ammunition and utility pouch options.



DURABLE



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LIGHTWEIGHT



WATER REPELLENT

BODY ARMOR

PLATE CARRIER STANDARD



SPECIFICATIONS

- Configurable Vest Platform
- Compatible with front, back and side hard armor plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs are available according to all international testing standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS


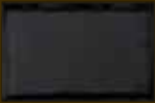

Black

Olive




Tan

Blue

SOFT ARMOR

Plate Carrier Soft Armor	Cummerbund	Inserts Comforts Insert Plates
	 Optional	

MODULAR PROTECTIVE MODULES

GROIN	THROAT
	
COLLAR & SHOULDER	UPPER ARM
	

BODY ARMOR

PLATE CARRIER SF



SPECIFICATIONS

- Configurable Plate Carrier Platform
- Total Laser cut coverage for accessory pouches
- Full waist and shoulder size adjustment
- Long-lasting shock cord size regulation mechanism at rear
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs are available according to all international testing standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

SOFT ARMOR

Plate Carrier Soft Armor	Cummerbund	Inserts Insert Plates
	 Optional	

INSERT PLATE

MODULAR PROTECTIVE MODULES

GROIN	THROAT
COLLAR & SHOULDER	UPPER ARM

BODY ARMOR

PLATE CARRIER SF QR



SPECIFICATIONS

- Configurable Plate Carrier Platform
- Total Laser cut coverage for accessory pouches
- Full waist and shoulder size adjustment
- Long-lasting shock cord size regulation mechanism at rear
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs are available according to all international testing standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years


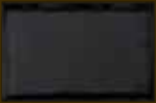

COLOR OPTIONS

Black



Olive

Tan

SOFT ARMOR

Plate Carrier Soft Armor	Cummerbund	Inserts Comforts Insert Plates
	 Optional	

MODULAR PROTECTIVE MODULES

GROIN	THROAT
	
COLLAR & SHOULDER	UPPER ARM
	

BODY ARMOR

PLATE CARRIER TAC



SPECIFICATIONS

- Configurable Plate Carrier Platform
- Compatible with Modular Protective Modules
- Compatible with front, back and side hard armor plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Long-lasting shock cord size regulation mechanism at rear
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

SOFT ARMOR

Plate Carrier Soft Armor	Cummerbund	Inserts Comforts Insert Plates
	 Optional	

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs are available according to all international testing standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black	Olive	Tan	Desert Tan
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MODULAR PROTECTIVE MODULES

GROIN	THROAT
COLLAR & SHOULDER	UPPER ARM

PERSONAL PROTECTION EQUIPMENT

BODY ARMOR TACTICAL VESTS

All of our Tactical Vests are modular and lightweight to assure maximum mobility. Composites Solutions Tactical Vests can be equipped with a an extensive range of Modular Protection Modules such as for the neck, throat, upper arm, shoulder and groin.

Additionally we do provide as well various ammunition and utility pouches for numerous duty scenarios. Furthermore all Tactical Vests can be upgraded with front and back insert plates as well as for the sides.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BODY ARMOR

TACTICAL VEST



SPECIFICATIONS

- Configurable Vest Platform
- Compatible with Modular Protective Modules
- Compatible with front, and back insert plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs are available according to all international testing standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

Blue

SOFT ARMOR

Tactical Vest
Soft Armor



INSERT PLATE

Comforts
Insert Plates



MODULAR PROTECTIVE MODULES

GROIN



THROAT



COLLAR & SHOULDER



UPPER ARM



BODY ARMOR

CLOSE PROTECTION VEST



SPECIFICATIONS

- Configurable Vest Platform
- Compatible with Modular Protective Modules
- Compatible with front and back insert plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs are available according to all international testing standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

Blue

SOFT ARMOR

Tactical Vest
Soft Armor



INSERT PLATE

Comforts
Insert Plates



MODULAR PROTECTIVE MODULES

GROIN



THROAT



COLLAR & SHOULDER



UPPER ARM



BODY ARMOR

ELITE VEST



SPECIFICATIONS

- Configurable Vest Platform
- Armpit soft armor protection when used with collar & shoulder and upper arm modular protective modules
- Compatible with Modular Protective Modules
- Compatible with front, and back insert plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Heavy-duty Drag Strap facilitates emergency extraction
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs are available according to all international testing standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

Blue

SOFT ARMOR

Tactical Vest
Soft Armor



INSERT PLATE

Comforts
Insert Plates



MODULAR PROTECTIVE MODULES

GROIN



THROAT



COLLAR & SHOULDER



UPPER ARM



PERSONAL PROTECTION EQUIPMENT

BODY ARMOR MARITIME VESTS

Composites Solutions specifically designed a series of Maritime Vests for various maritime enforcement agencies combining aspects of protection and flotation at the same time.

We worked intensively with different end-user groups to ensure the maximum mobility of our Maritime Vest worn on the daily routine.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BODY ARMOR

FLOTATION VEST



SPECIFICATIONS

- Configurable Vest Platform
- Compatible with front and back insert plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches
- Integrated 150 N inflatable floatation device
- Manual pull-cord activation device
- Adjustable fitting system via quick release buckles

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Facilitates ventilation and evaporates perspiration
- Durable and lightweight garment
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs available according to various international standards

SOFT ARMOR

Tactical Vest Soft Armor



INSERT PLATE

Comforts Insert Plates



WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

Navy

BODY ARMOR SEAL VEST



SPECIFICATIONS

- Configurable Vest Platform
- Compatible with front and back insert plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches
- Integrated 150 N inflatable floatation device
- Manual pull-cord activation device
- YKK® Quick Burst® zipper facilitates instant inflation

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Facilitates ventilation and evaporates perspiration
- Durable and lightweight garment
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs available according to various international standards

SOFT ARMOR

Tactical Vest Soft Armor



INSERT PLATE

Comforts Insert Plates



WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years

COLOR OPTIONS

Black

Olive

Tan

Navy

BODY ARMOR

T.A.C. SYSTEM

TACTICAL ADAPTABLE CONFIGURATION SYSTEM

PERSONAL PROTECTION EQUIPMENT

Composites Solutions designed the T.A.C. (Tactical Adaptable Configuration) System to exceed today's expectations towards personal protection equipment and its required modularity.

The T.A.C. System sets new standards in regard to scalable tactical equipment and its modular usage on a day-to-day basis.

The focus is on an immediate adaptation to the given crises' situation by a vast range of interchangeable components.

Composites Solutions utilizes here only the newest superior selection of materials available to guarantee the best possible protection combined with maximum comfort and mobility.



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MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BODY ARMOR

T.A.C. SYSTEM LAW ENFORCEMENT



SPECIFICATIONS

- Configurable Plate Carrier Platform
- Compatible with Modular Protective Modules
- State-of-the-art Quick Release Buckles integrated
- Compatible with front, back and side hard armor plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Long-lasting shock cord size regulation mechanism at rear
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements
- Various soft armor designs are available according to all international testing standards

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years


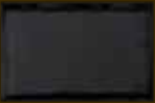

COLOR OPTIONS

Black





Olive

Tan

SOFT ARMOR

Plate Carrier Soft Armor	Cummerbund	Insert Plate
	 Optional	

MODULAR SOFT ARMOR PROTECTIVE MODULES

GROIN	THROAT
	
COLLAR & SHOULDER	UPPER ARM
	

BODY ARMOR

T.A.C. SYSTEM SPECIAL FORCES



SPECIFICATIONS

- Configurable Plate Carrier Platform
- Compatible with Modular Protective Modules
- State-of-the-art Quick Release Buckles integrated
- Compatible with front, back and side hard armor plates
- Total MOLLE webbing coverage for accessory pouches
- Full waist and shoulder size adjustment
- Long-lasting shock cord size regulation mechanism at rear
- Heavy-duty Drag Strap facilitates emergency extraction
- Operative as Plate Carrier for Stand Alone insert plates
- Upgradable with Composites Solutions Utility Pouches and Ammunition Pouches

OUTER GARMENT

- High quality 500D PU coated Nylon carrier fabric
- Superior 3D Air Mesh inner layer
- Velcro front panel for ID/IR/Data Patch attachment
- Complete MOLLE webbing integrated to garment color
- High strength hook & loop fasteners

SOFT ARMOR

- Protection levels range from level III to level IV IC or Stand Alone as well as tailored protection levels
- Hard armor is encapsulated with ultra-sonic welded fabric to protect against the element
- Hard Armor is equipped with the CS Trauma Reduction System

WARRANTY

- Garment guaranteed for one year
- Soft armor guaranteed for five years







COLOR OPTIONS

Black

Olive

Tan

MODULAR SOFT ARMOR PROTECTIVE MODULES

GROIN	THROAT
	
COLLAR & SHOULDER	UPPER ARM
	
ABDOMINAL	THIGH
	

PERSONAL PROTECTION EQUIPMENT

DEMINING & EOD

Composites Solutions specifically designed a series of Demining Apron's and Demining Suits for various demining agencies combining aspects of protection and ventilation and weight at the same time.

We worked intensively with different end-user groups to ensure the maximum mobility of our Demining Apron and Demining Suit worn on the daily routine.



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

DEMINING & EOD

DEMINING APRON



SPECIFICATIONS

- The Deming Apron is designed to provide maximum frontal coverage in case of accidental discharge of Land Mines when clearing
- The Garment design allows for interchange ability and upgrading of armour protection levels according to the customer's requirements

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements

OUTER GARMENT

- Outer fabric is high quality 1000D nylon coated fabric
- The innermost layer is made with poly-strong mesh
- Facilitates airflow around the wearer's body to ensure maximum comfort
- Effectively dissipates energy in the event of an explosion

WARRANTY

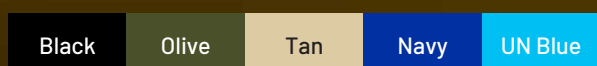
- Garment guaranteed for one year
- Soft armor guaranteed for five years

FRAGMENTATION TEST (V50 TEST)

Fragmentation Level	F1	F2	F3	F4	F5	F6
Minimum Fragmentation Velocity V50 m/s	400	450	500	550	600	650
Minimum Fragmentation Velocity V50 ft/s	1310	1470	1640	1800	2000	2130

US Standard - MIL 662 UK Standard UK / SC / 5449 NATO Standard STANAG 2920

COLOR OPTIONS



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

DEMINING & EOD

DEMINING SUIT



SPECIFICATIONS

- The Deming Apron is designed to provide maximum frontal coverage in case of accidental discharge of Land Mines when clearing
- The Garment design allows for interchange ability and upgrading of armour protection levels according to the customer's requirements

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements

OUTER GARMENT

- Outer fabric is high quality 1000D nylon coated fabric
- The innermost layer is made with poly-strong mesh
- Facilitates airflow around the wearer's body to ensure maximum comfort
- Effectively dissipates energy in the event of an explosion

WARRANTY

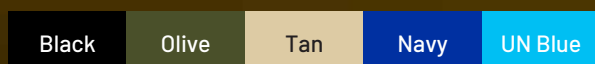
- Garment guaranteed for one year
- Soft armor guaranteed for five years

FRAGMENTATION TEST (V50 TEST)

Fragmentation Level	F1	F2	F3	F4	F5	F6
Minimum Fragmentation Velocity V50 m/s	400	450	500	550	600	650
Minimum Fragmentation Velocity V50 ft/s	1310	1470	1640	1800	2000	2130

US Standard - MIL 662 UK Standard UK / SC / 5449 NATO Standard STANAG 2920

COLOR OPTIONS



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

DEMINE & EOD

SEARCH SUIT



SPECIFICATIONS

- The Deming Apron is designed to provide maximum frontal coverage in case of accidental discharge of Land Mines when clearing
- The Garment design allows for interchange ability and upgrading of armour protection levels according to the customer's requirements

SOFT ARMOR

- Encapsulated with Nylon TPU coated fabric
- Vacuum sealed to protect against the elements

OUTER GARMENT

- Outer fabric is high quality 1000D nylon coated fabric
- The innermost layer is made with poly-strong mesh
- Facilitates airflow around the wearer's body to ensure maximum comfort
- Effectively dissipates energy in the event of an explosion

WARRANTY

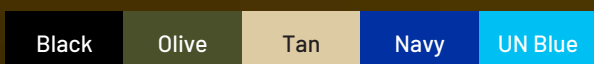
- Garment guaranteed for one year
- Soft armor guaranteed for five years

FRAGMENTATION TEST (V50 TEST)

Fragmentation Level	F1	F2	F3	F4	F5	F6
Minimum Fragmentation Velocity V50 m/s	400	450	500	550	600	650
Minimum Fragmentation Velocity V50 ft/s	1310	1470	1640	1800	2000	2130

US Standard - MIL 662 UK Standard UK / SC / 5449 NATO Standard STANAG 2920

COLOR OPTIONS



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

DEMINE & EOD

BLAST PLATE SET [STANAG 2920]



SPECIFICATIONS

- Excellent blast protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Ceramic is bonded to a fiber reinforced backing
- Laminated fabric wrapped around the insert plate
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10.2" x 10.2"	26 x 26 cm	On Demand	On Demand	SQUARE CUT	SINGLE CURVE
11.0" x 10.2"	28 x 26 cm	On Demand	On Demand	GROIN CUT	SINGLE CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
STANAG 2920	Fragment	1.1 g FSP	17	On Demand	On Demand	(+/- 30)

BALLISTICS

When tested in accordance with STANAG 2920 stand-alone, this insert plate set satisfies the on-demand protection level

OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

DEMINE & EOD

FACE SHIELD FRAGMENT RAIL



SPECIFICATIONS

- Designed to protect the end-user from fragmentation threats
- State-of-the-art technology applied
- Designed to fit most picatinny rail systems
- Adjustable to three positions including fully elevated, 45 degrees and deployed

FEATURES

- Easy attachment and detachment
- Tailored dimensions available on request

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		HEIGHT		THICKNESS		WEIGHT	
One size fits all	mm	inch	mm	inch	mm	inch	kg	pound
	364	14.3	200	7.8	6.5	0.7	0.85	1.87

STAMAG 2920 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
1.1 g FSP	17	835	260	(+/- 50)	(+/- 15)

OTHERS

- Visor supplied with a carry bag
- Visor guaranteed for 5 years
- Exterior parts guaranteed for 1 year

OPTIONS

Custom-made designs can be provided on request



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

DEMINING & EOD

DEMINING VISOR FULL FACE



SPECIFICATIONS

- Designed to protect the end-user from fragmentation threats
- State-of-the-art production technology
- Designed to fit all head sizes
- The headframe design allows maximum comfort
- Removable washable headband

FEATURES

- Easy attachment and detachment
- Tailored dimensions available on request

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		HEIGHT		THICKNESS		WEIGHT	
One size fits all	mm	inch	mm	inch	mm	inch	kg	pound
	250	9.8	290	11.4	5.0	0.2	1.0	2.2

STAMAG 2920 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
1.1 g FSP	17	915	279	(+/- 50)	(+/- 15)

OTHERS

- Visor supplied with a carry bag
- Visor guaranteed for 5 years
- Exterior parts guaranteed for 1 year

OPTIONS

- Tailored visor dimensions can be provided on demand
- Custom-made colors available on request
- Upgraded protection levels available as needed



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

DEMINE & EOD

BOMB BLANKET



SPECIFICATIONS

- Excellent blast protection
- Remarkable performance
- Reliable and durable in all situations
- Deployable Quickly as portable and lightweight
- Discreet appearance in the transportation bag
- Soft armor encapsulated with Nylon coated fabric
- Vacuum sealed to protect against the elements
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile components

SIZE CHART

LENGTH		WIDTH	
100 - 300 mm	39.37 x 118.11 inch	100 - 150 mm	39.37 x 59.05 inch

FRAGMENTATION TEST (V50 TEST)

Fragmentation Level	F1	F2	F3	F4	F5	F6
Minimum Fragmentation Velocity V50 m/s	400	450	500	550	600	650
Minimum Fragmentation Velocity V50 ft/s	1310	1470	1640	1800	2000	2130

US Standard - MIL 662 UK Standard UK / SC / 5449 NATO Standard STANAG 2920

COLOR OPTIONS

Black	Olive	Tan	Navy	UN Blue
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DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

PERSONAL PROTECTION EQUIPMENT

TAC BELT

Composites Solutions Tac Belt is designed to protect against a number of low velocity handguns.

The Tac Belt is deployable within seconds and redistributes weight from the upper body to the hips.

The Tac Belt can be upgraded with various utility pouches and ammunition pouches as well as side insert plates.



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT



WATER REPELLENT

TAC BELT



SPECIFICATIONS

- Configurable Belt Platform
- Soft armor protection fitted for all around protection
- Comforts side insert plates
- Modular integration of pouches and magazines possible
- Molle webbing coverage for ammunition and utility pouches
- Various size adjustment options available
- Soft armor encapsulated with Nylon coated fabric
- Vacuum sealed to protect against the elements
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile components

SIZE CHART

PROTECTION AREA		WEIGHT	
0.15 sqm	1.61 sq ft	0.62 (kg)	1.37 (pound)

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0106.01	Handgun	.40 S&W FMJ	180	1245 ft/s	352 m/s	(+/- 30)
NIJ 0106.01	Handgun	9 mm FMJ RN	124	1155 ft/s	379 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 Magnum JSP	158	1430 ft/s	436 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 SIG FMJ FN	125	1470 ft/s	448 m/s	(+/- 30)
NIJ 0106.01	Handgun	.44 Magnum JHP	240	1430 m/s	436 m/s	(+/- 50)

COLOR OPTIONS

Black	Olive	Tan
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DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

PERSONAL PROTECTION EQUIPMENT

BALLISTIC BRIEFCASE

Composites Solutions Ballistic Briefcase is designed to protect against a number of low velocity handguns.

The Ballistic Briefcase is deployable within seconds and can be conveniently moved around in a carry bag appearing as a normal briefcase.

The overlapping of all soft armor panels guarantees a continuous protection on the full area of the Ballistic Briefcase.



DURABLE



TESTED



FRAGMENT



LIGHTWEIGHT

BALLISTIC BRIEFCASE



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Deployable Quickly as portable and lightweight
- Discreet appearance as standard briefcase
- Soft armor encapsulated with Nylon coated fabric
- Vacuum sealed to protect against the elements
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile components

SIZE & WEIGHT CHART

SIZE FOLDED		SIZE UNFOLDED		WEIGHT	
360 x 550 mm	14.17 x 21.65 inch	1160 x 550 mm	45.67 x 21.65 inch	6.5 kg	14.3 lbs

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0106.01	Handgun	.40 S&W FMJ	180	1245 ft/s	352 m/s	(+/- 30)
NIJ 0106.01	Handgun	9 mm FMJ RN	124	1155 ft/s	379 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 Magnum JSP	158	1430 ft/s	436 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 SIG FMJ FN	125	1470 ft/s	448 m/s	(+/- 30)
NIJ 0106.01	Handgun	.44 Magnum JHP	240	1430 m/s	436 m/s	(+/- 50)

COLOR OPTIONS

Black



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

PERSONAL PROTECTION EQUIPMENT

BALLISTIC BLANKET

Composites Solutions Ballistic Blanket is designed to protect against a number of low velocity handguns as well as fragment types.

The Ballistic Blanket is deployable within seconds and can be conveniently moved around in a carry bag.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

BALLISTIC BLANKET



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Deployable Quickly as portable and lightweight
- Discreet appearance as standard briefcase
- Soft armor encapsulated with Nylon coated fabric
- Vacuum sealed to protect against the elements
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile components

SIZE & WEIGHT CHART

LENGTH		WIDTH	
100 - 300 mm	39.37 x 118.11 inch	100 - 150 mm	39.37 x 59.05 inch

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0106.01	Handgun	.40 S&W FMJ	180	1245 ft/s	352 m/s	(+/- 30)
NIJ 0106.01	Handgun	9 mm FMJ RN	124	1155 ft/s	379 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 Magnum JSP	158	1430 ft/s	436 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 SIG FMJ FN	125	1470 ft/s	448 m/s	(+/- 30)
NIJ 0106.01	Handgun	.44 Magnum JHP	240	1430 m/s	436 m/s	(+/- 50)

COLOR OPTIONS

Black



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

PERSONAL PROTECTION EQUIPMENT

SOFT ARMOR

Composites Solutions provides a growing number of soft armor designs to meet the everchanging requirements by law enforcement agencies and military units around the world.

Over the years we developed a wide range of certified soft armor designs able to protect against all international testing norms asking for bullet only protection only or combinations of bullet and stab protection.

All our Soft Armor designs are subject to tailored adjustment in regard to overall dimensions, Several soft armor panel cuts such as Overt Vest, Optima Fit, Plate Carrier, Tactical, Patrol Vest, Covert Comfort encapsulated with Nylon TPU coated fabric.

Additionally, we can develop, design, certify and manufacture new soft armor design at any time.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

LEVEL II SOFT ARMOR

ARAMID



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Aerial density of 0.87 psf (4.23 kg / Sqm)
- Tailored soft armor panels available on request
- Designed and manufactured with Aramid
- Soft armor encapsulated with Nylon coated fabric
- Vacuum sealed to protect against the elements
- Warranty is 5 years on all armor components and 1 year on the Nylon coated fabric cover

SOFT ARMOR DESIGN OPTIONS



THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0106.01	Handgun	.40 S&W FMJ	180	1245 ft/s	352 m/s	(+/- 30)
NIJ 0106.01	Handgun	9 mm FMJ RN	124	1155 ft/s	379 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 Magnum JSP	158	1430 ft/s	436 m/s	(+/- 30)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

LEVEL II SOFT ARMOR

UHMWPE



SPECIFICATIONS

- EExcellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Aerial density of 0.98 psf (4.80 kg / Sqm)
- Tailored soft armor panels available on request
- Designed and manufactured with UHMWPE
- Soft armor encapsulated with Nylon coated fabric
- Vacuum sealed to protect against the elements
- Warranty is 5 years on all armor components and 1 year on the Nylon coated fabric cover

SOFT ARMOR DESIGN OPTIONS



THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0106.01	Handgun	.40 S&W FMJ	180	1245 ft/s	352 m/s	(+/- 30)
NIJ 0106.01	Handgun	9 mm FMJ RN	124	1155 ft/s	379 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 Magnum JSP	158	1430 ft/s	436 m/s	(+/- 30)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

LEVEL III-A SOFT ARMOR

ARAMID



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Aerial density of 1.19 psf (5.80 kg / Sqm)
- Tailored soft armor panels available on request
- Designed and manufactured with Aramid
- Soft armor encapsulated with Nylon coated fabric
- Vacuum sealed to protect against the elements
- Warranty is 5 years on all armor components and 1 year on the Nylon coated fabric cover

SOFT ARMOR DESIGN OPTIONS



THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0106.01	Handgun	.40 S&W FMJ	180	1245 ft/s	352 m/s	(+/- 30)
NIJ 0106.01	Handgun	9 mm FMJ RN	124	1155 ft/s	379 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 Magnum JSP	158	1430 ft/s	436 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 SIG FMJ FN	125	1470 ft/s	448 m/s	(+/- 30)
NIJ 0106.01	Handgun	.44 Magnum JHP	240	1430 m/s	436 m/s	(+/- 50)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

LEVEL III-A SOFT ARMOR

UHMWPE



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Aerial density of 1.23 psf (6.00 kg / Sqm)
- Tailored soft armor panels available on request
- Designed and manufactured with UHMWPE
- Soft armor encapsulated with Nylon coated fabric
- Vacuum sealed to protect against the elements
- Warranty is 5 years on all armor components and 1 year on the Nylon coated fabric cover

SOFT ARMOR DESIGN OPTIONS



THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0106.01	Handgun	.40 S&W FMJ	180	1245 ft/s	352 m/s	(+/- 30)
NIJ 0106.01	Handgun	9 mm FMJ RN	124	1155 ft/s	379 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 Magnum JSP	158	1430 ft/s	436 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 SIG FMJ FN	125	1470 ft/s	448 m/s	(+/- 30)
NIJ 0106.01	Handgun	.44 Magnum JHP	240	1430 m/s	436 m/s	(+/- 50)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

PERSONAL PROTECTION EQUIPMENT

BALLISTIC INSERTS

Composites Solutions is one of the global leaders in respect to the design and manufacturing of insert plates for all international testing standards.

We do include insert plates from level III-A up to level VPAM10 within our range of insert plates. All of our insert plate designs can be provided as ICW as well as Stand Alone version to complete the overall insert plate portfolio of ours.

All our insert plate designs are subject to tailored adjustment in regard to overall dimensions, shape (SAPI Cut, Shooters Cut, Full Cut and Swimmers Cut), contour (single curved or multi curved) and finishing (Nylon or Polyurethane finishing).

Additionally, we do develop, design, certify and manufacture new insert plate designs on request at any time.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BALLISTIC INSERT PLATE LEVEL III ICW 0.95



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS
.67 in | 17 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	2.09 lb	0.95 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	2.09 lb	0.95 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)

This insert plate stops level III threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 ICW, this insert plate satisfies level III performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE

LEVEL III STAND ALONE 0.98



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS

.77 in | 19.5 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	2.75 lb	1.25 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	2.75 lb	1.25 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)

Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 stand-alone, this insert plate satisfies level III performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE LEVEL III ICW 1.25



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS
.75 in | 19 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	2.75 lb	1.25 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	2.75 lb	1.25 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)

This insert plate stops level III threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 ICW, this insert plate satisfies level III performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE LEVEL III+ ICW 0.95



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS
.67 in | 17 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	2.09 lb	0.95 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	2.09 lb	0.95 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)

This insert plate stops level III+ threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 ICW, this insert plate satisfies level III performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE LEVEL III+ ICW 1.40



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS
.86 in | 22 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	3.08 lb	1.40 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	3.08 lb	1.40 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)

This insert plate stops level III+ threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 ICW, this insert plate satisfies level III+ performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE

LEVEL III+ STAND ALONE 1.55



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS

.94 in | 24 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	3.08 lb	1.40 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	3.08 lb	1.40 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)

Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 stand-alone, this insert plate satisfies level III+ performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE LEVEL III++ ICW 1.80



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Ceramic is bonded to a fiber reinforced backing
- Laminated fabric wrapped around the insert plate
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS
.63 in | 16 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	3.97 lb	1.80 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	3.97 lb	1.80 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R LPS	146	2854 ft/s	870 m/s	(+/- 30)

This insert plate stops level III++ threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 ICW, this insert plate satisfies level III++ performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE LEVEL III++ ICW 2.10



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Ceramic is bonded to a fiber reinforced backing
- Laminated fabric wrapped around the insert plate
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS
.63 in | 16 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	4.62 lb	2.10 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	4.62 lb	2.10 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R LPS	146	2854 ft/s	870 m/s	(+/- 30)

This insert plate stops level III++ threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 ICW, this insert plate satisfies level III++ performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE

LEVEL III++ STAND ALONE 2.20



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Ceramic is bonded to a fiber reinforced backing
- Laminated fabric wrapped around the insert plate
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS
.78 in | 20 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	4.85 lb	2.20 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	4.85 lb	2.20 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R LPS	146	2854 ft/s	870 m/s	(+/- 30)

Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 stand-alone, this insert plate satisfies level III++ performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE

LEVEL III++ STAND ALONE 2.50



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Ceramic is bonded to a fiber reinforced backing
- Laminated fabric wrapped around the insert plate
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS

.78 in | 20 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	5.51 lb	2.50 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	5.51 lb	2.50 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	3251 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R LPS	146	2854 ft/s	870 m/s	(+/- 30)

Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 stand-alone, this insert plate satisfies level III++ performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

LEVEL IV ICW 2.65



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS

.71 in | 18 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	5.84 lb	2.65 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	5.84 lb	2.65 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 63 M2 AP	166	2880 ft/s	878 m/s	(+/- 30)
Special	Rifle	7.62 x 51 AP	147	2690 ft/s	820 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R B32 API	157	2821 ft/s	860 m/s	(+/- 30)
Special	Rifle	7.62 x 39 API BZ	119	2411 m/s	735 m/s	(+/- 50)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	730 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)

This insert plate stops level IV++ threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 ICW, this insert plate satisfies level IV performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE

LEVEL IV STAND ALONE 2.65



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Ceramic is bonded to a fiber reinforced backing
- Laminated fabric wrapped around the insert plate
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS

.87 in | 22 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	5.85 lb	2.65 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	5.85 lb	2.65 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 63 M2 AP	166	2880 ft/s	878 m/s	(+/- 30)
Special	Rifle	7.62 x 51 AP	147	2690 ft/s	820 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R B32 API	157	2821 ft/s	860 m/s	(+/- 30)
Special	Rifle	7.62 x 39 API BZ	119	2411 m/s	735 m/s	(+/- 50)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	730 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)

Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 stand-alone, this insert plate satisfies level IV performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE

LEVEL IV STAND ALONE 3.15



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS

.87 in | 22 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	6.94 lb	3.15 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	6.94 lb	3.15 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 63 M2 AP	166	2880 ft/s	878 m/s	(+/- 30)
Special	Rifle	7.62 x 51 AP	147	2690 ft/s	820 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R B32 API	157	2821 ft/s	860 m/s	(+/- 30)
Special	Rifle	7.62 x 39 API BZ	119	2411 m/s	735 m/s	(+/- 50)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	730 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)

This insert plate stops level IV++ threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 stand-alone, this insert plate satisfies level IV performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE

LEVEL IV++ ICW 2.55



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Ceramic is bonded to a fiber reinforced backing
- Laminated fabric wrapped around the insert plate
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS

.75 in | 19 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	5.62 lb	2.55 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	5.62 lb	2.55 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 63 M2 AP	166	2880 ft/s	878 m/s	(+/- 30)
Special	Rifle	7.62 x 51 AP	147	2690 ft/s	820 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R B32 API	157	2821 ft/s	860 m/s	(+/- 30)
Special	Rifle	7.62 x 39 API BZ	119	2411 m/s	735 m/s	(+/- 50)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	730 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)

This insert plate stops level IV++ threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 ICW, this insert plate satisfies level IV++ performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

BALLISTIC INSERT PLATE

LEVEL IV+++ STAND ALONE 2.70



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Exceptional wearing comfort
- Designed and manufactured with 100 % UHMWPE
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

THINNESS

.98 in | 25 mm

SIZE & WEIGHT CHART

DIMENSIONS		WEIGHT		CUT	CURVATURE
10" x 12"	25 x 30 cm	5.95 lb	2.70 kg	SHOOTERS CUT	SINGLE CURVE
10" x 12"	25 x 30 cm	5.95 lb	2 kg	SHOOTERS CUT	MULTI CURVE

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0101.06	Rifle	7.62 x 63 M2 AP	166	2880 ft/s	878 m/s	(+/- 30)
Special	Rifle	7.62 x 51 AP	147	2690 ft/s	820 m/s	(+/- 30)
Special	Rifle	7.62 x 54 R B32 API	157	2821 ft/s	860 m/s	(+/- 30)
Special	Rifle	7.62 x 39 API BZ	119	2411 m/s	735 m/s	(+/- 50)
Special	Rifle	7.62 x 39 M43	122	2359 ft/s	730 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M885	62	3117 ft/s	950 m/s	(+/- 30)
NIJ 0101.06	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 30)

This insert plate stops level IV+++ threats in combination with Composites Solutions soft armor designs. Depending on testing details (e.g. drop test) the weight and thickness would be adjusted.

BALLISTICS

When tested in accordance with US NIJ 0101.06 stand-alone, this insert plate satisfies level IV+++ performance.

DESIGN OPTIONS

Custom-made insert plate designs can be provided in various shapes, sizes, contours and ballistic performances.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



FULL



SWIMMERS



SHOOTERS



SAPI

PERSONAL PROTECTION EQUIPMENT

BALLISTIC SHIELDS

Composites Solutions Ballistic Shields are designed and tested according to various standard levels at accredited and well respected testing laboratories.

Through the years Composites Solutions put an intensive focus on developing premium quality and highly practicable ballistic shield designs.

As a result of our ongoing R&D activities we are able to provide today an extensive range of ballistic shields in numerous dimensions, cuts and finishing options.

All of our ballistic shields are subject to tailored adjustment to make them fit the required environment.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

PERSONAL PROTECTION EQUIPMENT

BALLISTIC SHIELDS FLEXIBLE SHIELD



The Flexible Shield is light-weight and can be deployed at any time within seconds and durable rods allow a framing set-up. It can be carried around rolled-up in a carry bag. Composites Solutions Flexible Shield is available in various dimensions and can be adjusted on request.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD

FLEXIBLE SHIELD



SPECIFICATIONS

- Excellent ballistic protection
- Remarkable performance
- Reliable and durable in all situations
- Large protection area
- Upgradable with FoxFury B30 light system
- Nylon made ambidextrous handle design
- Support legs
- State-of-the-art Nylon fabric cover
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
50 x 100	20 x 39	4.90 kg	10.80 lbs	55 x 110	22 x 43	5.50 kg	12.13 lbs	60 x 120	24 x 47	6.20 kg	13.67 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0106.01	Handgun	.40 S&W FMJ	180	1245 ft/s	352 m/s	(+/- 30)
NIJ 0106.01	Handgun	9 mm FMJ RN	124	1155 ft/s	379 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 Magnum JSP	158	1430 ft/s	436 m/s	(+/- 30)
NIJ 0106.01	Handgun	.357 SIG FMJ FN	125	1470 ft/s	448 m/s	(+/- 30)
NIJ 0106.01	Handgun	.44 Magnum JHP	240	1430 m/s	436 m/s	(+/- 50)

COLOR OPTIONS

Black	Olive	Tan
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DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

PERSONAL PROTECTION EQUIPMENT

BALLISTIC SHIELDS RIGID SHIELDS



Composites Solutions Ballistic Shields are designed to exceed the requirements by law enforcement agencies and special forces on a global level. All our Ballistic Shields are subject to tailored design changes to guarantee that all conditions and demands of the specific end-user are met.



DURABLE



TESTED

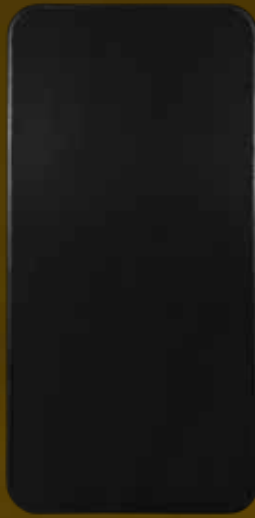


MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD III-A



SPECIFICATIONS

- Bolt free surface
- Latest material technology applied
- Full protection surface
- Hard wearing rubber edge
- High quality Nylon finish (Polyurethane finish available on request)
- Comfortable foam arm pad
- Various dimensions available
- Ballistic Shield is subject to multiple protection levels requested
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
45 x 80	18 x 31	4.1 kg	9.1 lbs	60 x 90	24 x 36	5.1 kg	11.9 lbs	60 x 120	24 x 47	6.1 kg	13.4 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0108.01	Handgun	.357 Magnum Jacketed Soft Point (JSP)	158	1395 ft/s	425 m/s	(+/- 50)
NIJ 0108.01	Handgun	.44 Magnum Lead SWC Gas Checked	240	1400 ft/s	426 m/s	(+/- 50)
NIJ 0108.01	Handgun	.9mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400 ft/s	426 m/s	(+/- 50)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD III-A VIEWPORT



SPECIFICATIONS

- Bolt free surface
- Latest material technology applied
- Full protection surface
- Hard wearing rubber edge
- High quality Nylon finish (Polyurethane finish available on request)
- Comfortable foam arm pad
- Various dimensions available
- Ballistic Shield is subject to multiple protection levels requested
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
45 x 80	18 x 31	11.7 kg	25.80 lbs	60 x 90	24 x 36	15.1 kg	33.3 lbs	60 x 120	24 x 47	18.5 kg	40.8 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0108.01	Handgun	.357 Magnum Jacketed Soft Point (JSP)	158	1395 ft/s	425 m/s	(+/- 50)
NIJ 0108.01	Handgun	.44 Magnum Lead SWC Gas Checked	240	1400 ft/s	426 m/s	(+/- 50)
NIJ 0108.01	Handgun	.9mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400 ft/s	426 m/s	(+/- 50)



DURABLE



TESTED

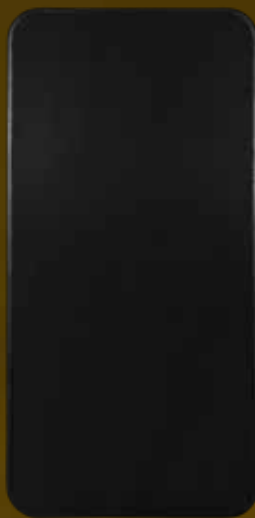


MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD III+



SPECIFICATIONS

- Bolt free surface
- Latest material technology applied
- Full protection surface
- Hard wearing rubber edge
- High quality Nylon finish (Polyurethane finish available on request)
- Comfortable foam arm pad
- Various dimensions available
- Ballistic Shield is subject to multiple protection levels requested
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
45 x 80	18 x 31	8.7 kg	19.20 lbs	60 x 90	24 x 36	12.2 kg	26.9 lbs	60 x 120	24 x 47	15.6 kg	34.4 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0108.01	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 50)
Special	Rifle	7.62 x 39 M43	122	1400 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	1400 ft/s	991 m/s	(+/- 30)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD III+ VIEWPORT



SPECIFICATIONS

- Bolt free surface
- Latest material technology applied
- Full protection surface
- Hard wearing rubber edge
- High quality Nylon finish (Polyurethane finish available on request)
- Comfortable foam arm pad
- Various dimensions available
- Ballistic Shield is subject to multiple protection levels requested
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
45 x 80	18 x 31	11.7 kg	25.80 lbs	60 x 90	24 x 36	15.1 kg	33.3 lbs	60 x 120	24 x 47	18.5 kg	40.8 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0108.01	Rifle	7.62 x 51 M80 Ball	148	2780 ft/s	847 m/s	(+/- 50)
Special	Rifle	7.62 x 39 M43	122	1400 ft/s	991 m/s	(+/- 30)
Special	Rifle	5.56 x 45 M139	55	1400 ft/s	991 m/s	(+/- 30)



DURABLE



TESTED

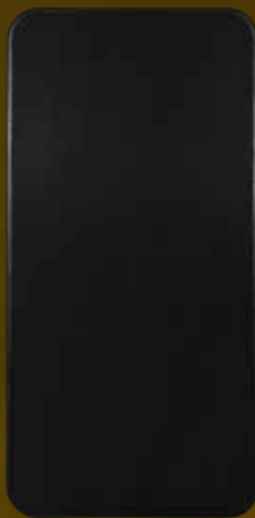


MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD IV



SPECIFICATIONS

- Bolt free surface
- Latest material technology applied
- Full protection surface
- Hard wearing rubber edge
- High quality Nylon finish (Polyurethane finish available on request)
- Comfortable foam arm pad
- Various dimensions available
- Ballistic Shield is subject to multiple protection levels requested
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
45 x 80	18 x 31	18.3 kg	40.30 lbs	60 x 90	24 x 36	26.7 kg	58.9 lbs	60 x 120	24 x 47	35.3 kg	77.8 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0108.01	Rifle	7.62 x 63 M2AP	166	2850 ft/s	868 m/s	(+/- 50)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD IV VIEWPORT



SPECIFICATIONS

- Bolt free surface
- Latest material technology applied
- Full protection surface
- Hard wearing rubber edge
- High quality Nylon finish (Polyurethane finish available on request)
- Comfortable foam arm pad
- Various dimensions available
- Ballistic Shield is subject to multiple protection levels requested
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
45 x 80	18 x 31	21.1 kg	46.50 lbs	60 x 90	24 x 36	29.5 kg	65.0 lbs	60 x 120	24 x 47	38.1 kg	84.0 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0108.01	Rifle	7.62 x 63 M2AP	166	2850 ft/s	868 m/s	(+/- 50)



DURABLE



TESTED

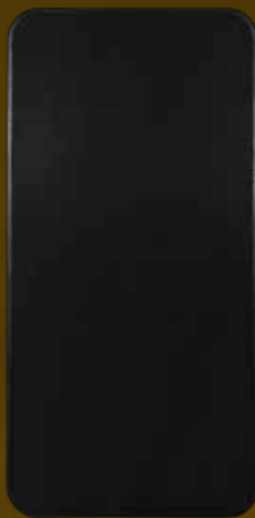


MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD III-A



SPECIFICATIONS

- Bolt free surface
- Latest material technology applied
- Full protection surface
- Hard wearing rubber edge
- High quality Nylon finish (Polyurethane finish available on request)
- Comfortable foam arm pad
- Various dimensions available
- Ballistic Shield is subject to multiple protection levels requested
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
45 x 80	18 x 31	21.1 kg	46.50 lbs	60 x 90	24 x 36	29.5 kg	65.0 lbs	60 x 120	24 x 47	38.1 kg	84.0 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0108.01	Rifle	7.62 x 63 M2AP	166	2850 ft/s	868 m/s	(+/- 50)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD IV LIGHTWEIGHT VIEWPORT



SPECIFICATIONS

- Bolt free surface
- Latest material technology applied
- Full protection surface
- Hard wearing rubber edge
- High quality Nylon finish (Polyurethane finish available on request)
- Comfortable foam arm pad
- Various dimensions available
- Ballistic Shield is subject to multiple protection levels requested
- Warranty is 5 years on all armor components and 1 year on the textile cover

SIZE & WEIGHT CHART

SIZE		WEIGHT		SIZE		WEIGHT		SIZE		WEIGHT	
cm	inch	kg	pound	cm	inch	kg	pound	cm	inch	kg	pound
45 x 80	18 x 31	18.8 kg	41.40 lbs	60 x 90	24 x 36	25.8 kg	56.90 lbs	60 x 120	24 x 47	33.0 kg	72.8 lbs

Other dimensions are available on request.

THREAT PERFORMANCE

STANDARD	WEAPON	PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)
NIJ 0108.01	Rifle	7.62 x 63 M2AP	166	2850 ft/s	868 m/s	(+/- 50)



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT

BALLISTIC SHIELD ACCESSORIES

C - HANDLE



AMBIDEXTROUS-I HANDLE



AMBIDEXTROUS-II HANDLE



FOXFURY B30 LIGHT



FOXFURY B50 LIGHT



FOXFURY B70 LIGHT & HANDLE



CARRY BAG



TROLLEY



HOOK & LOOP PATCH



DESIGN OPTIONS



PERSONAL PROTECTION EQUIPMENT

BALLISTIC HELMETS

Composites Solutions provides an extensive range of helmet designs in regard to shapes and customizable equipment.

All of our helmet designs can be upgraded with various equipment options such as different suspension choices, velcro systems, picatinny rails, diverse shroud designs, bungee cords and visor designs.

All our helmet designs are lightweight and at the same time provide the highest possible protection against handgun threats and various fragment types.



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BALLISTIC HELMET

PASGT HELMET



SPECIFICATIONS

- Designed to protect the end-user from low velocity handgun and fragmentation threats
- Polyurethane finish
- Allows the integration of picatinny rails, night vision mount, bungee cord and hook and loop fasteners
- Ballistic and fragment visor designs can be attached to the helmet or picatinny rails
- Optional fabric cover to integrate with the uniform

HELMET SHELL

- Constructed with Aramid thermoset resin systems
- Tested with US NIJ Standard 0106.01 type III-A

HARNES & SUPENSION DESIGN

- Various harness and suspension systems available
- Absorbs residual kinetic energy of the impact
- Provides ventilation inside the helmet

OTHERS

- Helmet supplied with a carry bag
- Helmet Harness guaranteed for 1 year
- Helmet Shell guaranteed for 5 years
- Optional ballistic visor upon request

DESIGN OPTIONS

Custom-made helmet designs can be provided in various cuts, sizes and equipment options added.

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		WIDTH		CIRCUMFERENCE		WEIGHT	
	mm	inch	mm	inch	mm	inch	kg	pound
S	255	10	235	9.2	540 - 560	21.2 - 22.0	1.3	2.86
M	270	10.6	245	9.6	560 - 580	22.0 - 22.8	1.4	3.08
L	285	11.2	254	10	580 - 600	22.8 - 23.6	1.5	3.3
XL	301	11.8	271	10.6	620 - 640	24.4 - 25.1	1.62	3.57

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

NIJ 0106.01 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
.357 Magnum Jacketed Soft Point (JSP)	158	1395	425	(+/- 50)	(+/- 15)
9 mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400	427	(+/- 30)	(+/- 9)
.44 Magnum Semi Jacketed Hollow Point (SJHP)	240	1400	427	(+/- 30)	(+/- 9)

COLOR OPTIONS

Black	Olive	Tan
-------	-------	-----



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BALLISTIC HELMET

MICH/ACH HELMET HIGH CUT



SPECIFICATIONS

- Designed to protect the end-user from low velocity handgun and fragmentation threats
- Polyurethane finish
- Allows the integration of picatinny rails, night vision mount, bungee cord and hook and loop fasteners
- Ballistic and fragment visor designs can be attached to the helmet or picatinny rails
- Optional fabric cover to integrate with the uniform

HELMET SHELL

- Constructed with Aramid thermoset resin systems
- Tested with US NIJ Standard 0106.01 type III-A

HARNES & SUPENSION DESIGN

- Various harness and suspension systems available
- Absorbs residual kinetic energy of the impact
- Provides ventilation inside the helmet

OTHERS

- Helmet supplied with a carry bag
- Helmet Harness guaranteed for 1 year
- Helmet Shell guaranteed for 5 years
- Optional ballistic visor upon request

DESIGN OPTIONS

Custom-made helmet designs can be provided in various cuts, sizes and equipment options added.

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		WIDTH		CIRCUMFERENCE		WEIGHT	
	mm	inch	mm	inch	mm	inch	kg	pound
S	245	9.64	235	9.2	540 - 560	21.2 - 22.0	1.1	2.42
M	255	10	245	9.6	560 - 580	22.0 - 22.8	1.15	2.54
L	268	10.5	254	10	580 - 600	22.8 - 23.6	1.25	2.76
XL	283	11.1	271	10.6	620 - 640	24.4 - 25.1	1.4	3.08

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

NIJ 0106.01 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
.357 Magnum Jacketed Soft Point (JSP)	158	1395	425	(+/- 50)	(+/- 15)
9 mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400	427	(+/- 30)	(+/- 9)
.44 Magnum Semi Jacketed Hollow Point (SJHP)	240	1400	427	(+/- 30)	(+/- 9)

COLOR OPTIONS

Black	Olive	Tan
-------	-------	-----



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BALLISTIC HELMET

MICH/ACH HELMET MID CUT



SPECIFICATIONS

- Designed to protect the end-user from low velocity handgun and fragmentation threats
- Polyurethane finish
- Allows the integration of picatinny rails, night vision mount, bungee cord and hook and loop fasteners
- Ballistic and fragment visor designs can be attached to the helmet or picatinny rails
- Optional fabric cover to integrate with the uniform

HELMET SHELL

- Constructed with Aramid thermoset resin systems
- Tested with US NIJ Standard 0106.01 type III-A

HARNES & SUPENSION DESIGN

- Various harness and suspension systems available
- Absorbs residual kinetic energy of the impact
- Provides ventilation inside the helmet

OTHERS

- Helmet supplied with a carry bag
- Helmet Harness guaranteed for 1 year
- Helmet Shell guaranteed for 5 years
- Optional ballistic visor upon request

DESIGN OPTIONS

Custom-made helmet designs can be provided in various cuts, sizes and equipment options added.

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		WIDTH		CIRCUMFERENCE		WEIGHT	
	mm	inch	mm	inch	mm	inch	kg	pound
S	245	9.64	235	9.2	540 - 560	21.2 - 22.0	1.23	2.71
M	255	10	245	9.6	560 - 580	22.0 - 22.8	1.28	2.82
L	268	10.5	254	10	580 - 600	22.8 - 23.6	1.38	3.04
XL	283	11.1	271	10.6	620 - 640	24.4 - 25.1	1.53	3.37

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

NIJ 0106.01 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
.357 Magnum Jacketed Soft Point (JSP)	158	1395	425	(+/- 50)	(+/- 15)
9 mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400	427	(+/- 30)	(+/- 9)
.44 Magnum Semi Jacketed Hollow Point (SJHP)	240	1400	427	(+/- 30)	(+/- 9)

COLOR OPTIONS

Black	Olive	Tan
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DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BALLISTIC HELMET

MICH/ACH HELMET LOW CUT



SPECIFICATIONS

- Designed to protect the end-user from low velocity handgun and fragmentation threats
- Polyurethane finish
- Allows the integration of picatinny rails, night vision mount, bungee cord and hook and loop fasteners
- Ballistic and fragment visor designs can be attached to the helmet or picatinny rails
- Optional fabric cover to integrate with the uniform

HELMET SHELL

- Constructed with Aramid thermoset resin systems
- Tested with US NIJ Standard 0106.01 type III-A

HARNES & SUPENSION DESIGN

- Various harness and suspension systems available
- Absorbs residual kinetic energy of the impact
- Provides ventilation inside the helmet

OTHERS

- Helmet supplied with a carry bag
- Helmet Harness guaranteed for 1 year
- Helmet Shell guaranteed for 5 years
- Optional ballistic visor upon request

DESIGN OPTIONS

Custom-made helmet designs can be provided in various cuts, sizes and equipment options added.

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		WIDTH		CIRCUMFERENCE		WEIGHT	
	mm	inch	mm	inch	mm	inch	kg	pound
S	245	9.64	235	9.2	540 - 560	21.2 - 22.0	1.26	2.93
M	255	10	245	9.6	560 - 580	22.0 - 22.8	1.32	3.08
L	268	10.5	254	10	580 - 600	22.8 - 23.6	1.36	3.19
XL	283	11.1	271	10.6	620 - 640	24.4 - 25.1	1.54	3.52

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

NIJ 0106.01 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
.357 Magnum Jacketed Soft Point (JSP)	158	1395	425	(+/- 50)	(+/- 15)
9 mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400	427	(+/- 30)	(+/- 9)
.44 Magnum Semi Jacketed Hollow Point (SJHP)	240	1400	427	(+/- 30)	(+/- 9)

COLOR OPTIONS

Black	Olive	Tan
-------	-------	-----



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BALLISTIC HELMET

MICH/ACH HELMET HIGH CUT RAILS / SHROUD



SPECIFICATIONS

- Designed to protect the end-user from low velocity handgun and fragmentation threats
- Polyurethane finish
- Allows the integration of picatinny rails, night vision mount, bungee cord and hook and loop fasteners
- Ballistic and fragment visor designs can be attached to the helmet or picatinny rails
- Optional fabric cover to integrate with the uniform

HELMET SHELL

- Constructed with Aramid thermoset resin systems
- Tested with US NIJ Standard 0106.01 type III-A

HARNES & SUPENSION DESIGN

- Various harness and suspension systems available
- Absorbs residual kinetic energy of the impact
- Provides ventilation inside the helmet

OTHERS

- Helmet supplied with a carry bag
- Helmet Harness guaranteed for 1 year
- Helmet Shell guaranteed for 5 years
- Optional ballistic visor upon request

DESIGN OPTIONS

Custom-made helmet designs can be provided in various cuts, sizes and equipment options added.

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		WIDTH		CIRCUMFERENCE		WEIGHT	
	mm	inch	mm	inch	mm	inch	kg	pound
S	245	9.64	235	9.2	540 - 560	21.2 - 22.0	1.1	2.42
M	255	10	245	9.6	560 - 580	22.0 - 22.8	1.15	2.54
L	268	10.5	254	10	580 - 600	22.8 - 23.6	1.25	2.76
XL	283	11.1	271	10.6	620 - 640	24.4 - 25.1	1.4	3.08

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

NIJ 0106.01 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
.357 Magnum Jacketed Soft Point (JSP)	158	1395	425	(+/- 50)	(+/- 15)
9 mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400	427	(+/- 30)	(+/- 9)
.44 Magnum Semi Jacketed Hollow Point (SJHP)	240	1400	427	(+/- 30)	(+/- 9)

COLOR OPTIONS

Black	Olive	Tan
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DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BALLISTIC HELMET

MICH/ACH HELMET MID CUT RAILS / SHROUD



SPECIFICATIONS

- Designed to protect the end-user from low velocity handgun and fragmentation threats
- Polyurethane finish
- Allows the integration of picatinny rails, night vision mount, bungee cord and hook and loop fasteners
- Ballistic and fragment visor designs can be attached to the helmet or picatinny rails
- Optional fabric cover to integrate with the uniform

HELMET SHELL

- Constructed with Aramid thermoset resin systems
- Tested with US NIJ Standard 0106.01 type III-A

HARNES & SUPENSION DESIGN

- Various harness and suspension systems available
- Absorbs residual kinetic energy of the impact
- Provides ventilation inside the helmet

OTHERS

- Helmet supplied with a carry bag
- Helmet Harness guaranteed for 1 year
- Helmet Shell guaranteed for 5 years
- Optional ballistic visor upon request

DESIGN OPTIONS

Custom-made helmet designs can be provided in various cuts, sizes and equipment options added.

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		WIDTH		CIRCUMFERENCE		WEIGHT	
	mm	inch	mm	inch	mm	inch	kg	pound
S	245	9.64	235	9.2	540 - 560	21.2 - 22.0	1.23	2.71
M	255	10	245	9.6	560 - 580	22.0 - 22.8	1.28	2.82
L	268	10.5	254	10	580 - 600	22.8 - 23.6	1.38	3.04
XL	283	11.1	271	10.6	620 - 640	24.4 - 25.1	1.53	3.37

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

NIJ 0106.01 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
.357 Magnum Jacketed Soft Point (JSP)	158	1395	425	(+/- 50)	(+/- 15)
9 mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400	427	(+/- 30)	(+/- 9)
.44 Magnum Semi Jacketed Hollow Point (SJHP)	240	1400	427	(+/- 30)	(+/- 9)

COLOR OPTIONS

Black	Olive	Tan
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DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT

BALLISTIC HELMET

MICH/ACH HELMET LOW CUT RAILS / SHROUD



SPECIFICATIONS

- Designed to protect the end-user from low velocity handgun and fragmentation threats
- Polyurethane finish
- Allows the integration of picatinny rails, night vision mount, bungee cord and hook and loop fasteners
- Ballistic and fragment visor designs can be attached to the helmet or picatinny rails
- Optional fabric cover to integrate with the uniform

HELMET SHELL

- Constructed with Aramid thermoset resin systems
- Tested with US NIJ Standard 0106.01 type III-A

HARNES & SUPENSION DESIGN

- Various harness and suspension systems available
- Absorbs residual kinetic energy of the impact
- Provides ventilation inside the helmet

OTHERS

- Helmet supplied with a carry bag
- Helmet Harness guaranteed for 1 year
- Helmet Shell guaranteed for 5 years
- Optional ballistic visor upon request

DESIGN OPTIONS

Custom-made helmet designs can be provided in various cuts, sizes and equipment options added.

SIZE & WEIGHT OVERVIEW

SIZE	LENGTH		WIDTH		CIRCUMFERENCE		WEIGHT	
	mm	inch	mm	inch	mm	inch	kg	pound
S	245	9.64	235	9.2	540 - 560	21.2 - 22.0	1.33	2.93
M	255	10	245	9.6	560 - 580	22.0 - 22.8	1.4	3.08
L	268	10.5	254	10	580 - 600	22.8 - 23.6	1.45	3.19
XL	283	11.1	271	10.6	620 - 640	24.4 - 25.1	1.6	3.52

Width and length dimensions are ± 5 mm (± 0.19 in). All weights are ± 5 %.

NIJ 0106.01 THREATS

PROJECTILE	GR	VEL FT/S	VEL M/S	(+/- FT/S)	(+/- M/S)
.357 Magnum Jacketed Soft Point (JSP)	158	1395	425	(+/- 50)	(+/- 15)
9 mm Full Metal Jacketed Round Nose (FMJ RN)	124	1400	427	(+/- 30)	(+/- 9)
.44 Magnum Semi Jacketed Hollow Point (SJHP)	240	1400	427	(+/- 30)	(+/- 9)

COLOR OPTIONS

Black	Olive	Tan
-------	-------	-----



DURABLE



TESTED



MULTI HIT



LIGHTWEIGHT



WATER REPELLENT



NORTH AMERICA



EUROPE



MIDDLE EAST



ASIA



WE ARE THE 'PRO' IN PROTECTION

PERSONAL PROTECTION | LAND | AIR | SEA

AN ISO 9001:2015 CERTIFIED COMPANY

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