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**Defense & Security Equipments**



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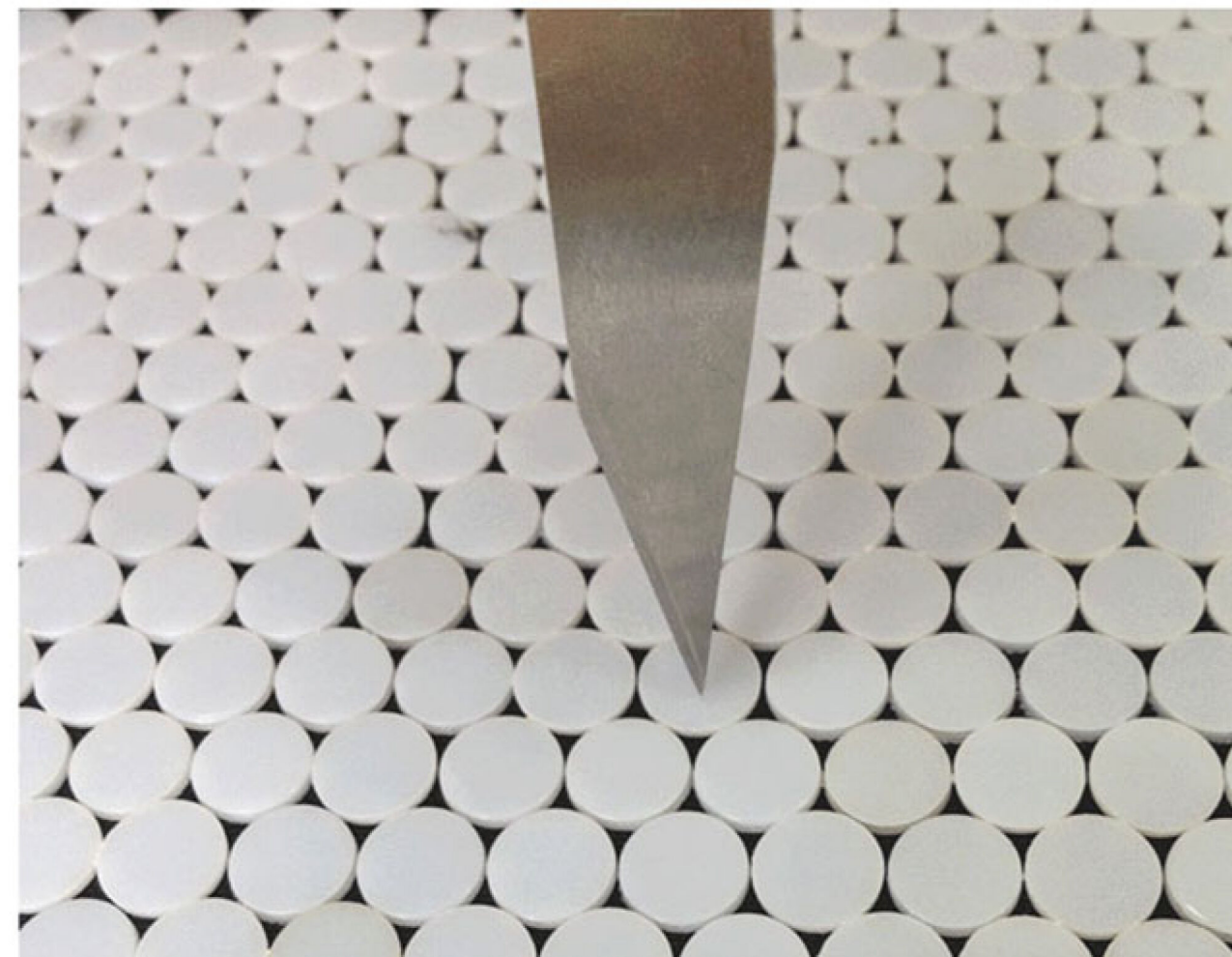
### Stab-resistant Series

### Stab-resistant Theory

- High performance fiber impregnated with resin through double weave
- New flexible puncture-proof materials
- Multi-layers interlacement sewing
- It can prevent the harm from the knives,swords,burin and other bladed knife



Fiber Reinforced Composites



Hard like steel, Soft as silk

Excellent Stab-proof performance+Wearability=Effective Protection





## Stab-Resistant Series

### Studyarmor Wool Stab-Resistant Vest

Type: FCF-F-GJ11  
 Stab Proof Grade : Level 4 (Best)  
 Cut-resistant Grade: Level 5  
 Executive Standard: ISO-13997-1999& EN388: 2016  
 Material: Saintfabric® fiber reinforced composite material  
 Weight: 0.6kg  
 Area: ≥0.4m<sup>2</sup>  
 Size: 165/S、170/M、175/L、180/XL、185/XXL、190/XXXL

#### Product introduction:

The inner core is made of Saintfabric® patent material, which has excellent anti-chopping and anti-cutting performance. The outer layer is made of COOLMAX fabric. Cool and breathable, wicking away perspiration. Patent No (ZL201610572542.5)

#### Product Features:

1. The stab proof vest can greatly reduce the puncture, chopping and cutting injuries of common knives, such as kitchen knives, machetes, fruit knives, Swiss army knives, daggers; and has good anti-stab performance,
2. The weight is significantly lower than that of metal anti-stab clothing and can be worn for 24 hours, significantly reducing human load.
3. Thin and light, comfortable to wear close to everyday clothing;
4. Good breathability, no sweltering feeling during wearing all day.

#### Applicable scenes:

patrol on duty, arrest in plain clothes, daily commute, business travel, medical work.



## Stab-Resistant Series

### Studyarmor Cool Stab Proof T-shirt

Type: FCF-F-GJ12  
 Stab Proof Grade : Level 4 (Best)  
 Cut-resistant Grade: Level 5  
 Executive Standard: ISO-13997-1999& EN388: 2016  
 Material: Saintfabric® fiber reinforced composite material  
 Weight: 0.7kg  
 Area: ≥0.45m<sup>2</sup>  
 Size: 165/S、170/M、175/L、180/XL、185/XXL、190/XXXL

#### Product introduction:

The inner core is made of Saintfabric® patent material, which has excellent anti-chopping and anti-cutting performance. The outer layer is made of COOLMAX fabric. Cool and breathable, wicking away perspiration. Patent No (ZL201610572542.5)

#### Product Features:

1. The stab proof vest can greatly reduce the puncture, chopping and cutting injuries of common knives, such as kitchen knives, machetes, fruit knives, Swiss army knives, daggers; and has good anti-stab performance,
2. The weight is significantly lower than that of metal anti-stab clothing and can be worn for 24 hours, significantly reducing human load.
3. Thin and light, comfortable to wear close to everyday clothing;
4. Cool and breathable, absorb moisture and sweat, especially suitable for hot summer.

#### Applicable scenes:

patrol on duty, arrest in plain clothes, daily commute, business travel.

## Stab-Resistant Series

### Studyarmor Stab Proof Long T-shirt



Type: FCF-F-GJ13  
 Stab Proof Grade : Level 4 (Best)  
 Cut-resistant Grade: Level 5  
 Executive Standard: ISO-13997-1999& EN388: 2016  
 Material: Saintfabric® fiber reinforced composite material  
 Weight: 0.95kg  
 Area: >0.55m<sup>2</sup>  
 Size: 165/S、170/M、175/L、180/XL、185/XXL、190/XXXL

#### Product introduction:

The inner core is made of Saintfabric® patent material, outer layer is made of nylon/spandex fabric which has excellent stab proof and anti-cutting performance. Elastic and soft, light and comfortable. Patent No ( ZL201610572542.5)

#### Product Features:

1. The stab proof vest can greatly reduce the puncture, chopping and cutting injuries of common knives, such as kitchen knives, machetes, fruit knives, Swiss army knives, daggers; and has good anti-stab performance,
2. The weight is significantly lower than that of metal anti-stab clothing and can be worn for 24 hours, significantly reducing human load.
3. Thin and light, comfortable to wear close to everyday clothing;
4. Good breathability, no sweltering feeling during wearing all day.

#### Applicable scenes:

Patrol on duty, arrest in plain clothes, daily commute, business travel

## Stab-Resistant Series

### Police Stab Resistant Vest



Type: FCF-F-GJ24  
 Hack-resistant Grade : Level A  
 Executive Standard: 《GA68-2019 Police Stab-resistant Armor》  
 Material: UHMW-PE / Aramid Composite  
 Weight: 2.3kg  
 Area: >0.32m<sup>2</sup>  
 Size: L、XL

#### Product introduction:

The anti-stab layer of the anti-stab suit is made of a new type of flexible anti-stab material developed by the company, and is cured by the formulation of high molecular weight polyethylene fiber / aramid impregnated mixed resin. Multi-layer stacking can effectively block the stabbing, chopping and cutting of cold weapons such as knives and daggers.

#### Product Features:

1. Excellent softness, no impact on human activities, and can be folded in multiple directions.
2. The same protection level, light weight and thin thickness, thus greatly reducing human load.
3. Excellent protection performance, reaching high standards.

#### Applicable scenes:

Police, police arrest, duty, training, security duty, law enforcement protection

## Stab-Resistant Series

### Studyarmor Stab-resistant Coat



Type: FCF-F-GJ03  
 Stab Proof Grade : Level 4 (Best)  
 Cut-resistant Grade: Level 5  
 Executive Standard: ISO-13997-1999& EN388: 2016  
 Material: Saintfabric® fiber reinforced composite material  
 Weight: 1.3kg  
 Area:  $\geq 0.7m^2$   
 Size: 165/S、170/M、175/L、180/XL、185/XXL、190/XXXL

#### Product introduction:

The inner core is made of Saintfabric® patent material. Which has excellent stab proof and anti-cutting performance. It can be worn as a daily coat, fashionable and beautiful, good concealment. Patent No ( ZL201610572542.5)

#### Product Features:

1. The stab proof vest can greatly reduce the puncture, chopping and cutting injuries of common knives, such as kitchen knives, machetes, fruit knives, Swiss army knives, daggers; and has good anti-stab performance,
2. The weight is significantly lower than that of metal anti-stab clothing and can be worn for 24 hours, significantly reducing human load.
3. Thin and light, comfortable to wear close to everyday clothing;
4. Arms, shoulders, neck, and head are all protected.

#### Applicable scenes:

Patrol on duty, arrest in plain clothes, daily commute, business travel, medical work.

## Stab-Resistant Series

### Studyarmor Stab-resistant Coat



Type: FCF-F-GJ04  
 Stab Proof Grade : Level 4 (Best)  
 Cut-resistant Grade: Level 5  
 Executive Standard: ISO-13997-1999& EN388: 2016  
 Material: Saintfabric® fiber reinforced composite material  
 Weight: 1.4kg  
 Area:  $\geq 0.7m^2$   
 Size: 165/S、170/M、175/L、180/XL、185/XXL、190/XXXL

#### Product introduction:

The inner core is made of Saintfabric® patent material. Which has excellent stab proof and anti-cutting performance. It can be worn as a daily coat, fashionable and beautiful, good concealment. Patent No ( ZL201610572542.5)

#### Product Features:

1. The stab proof vest can greatly reduce the puncture, chopping and cutting injuries of common knives, such as kitchen knives, machetes, fruit knives, Swiss army knives, daggers; and has good anti-stab performance,
2. The weight is significantly lower than that of metal anti-stab clothing and can be worn for 24 hours, significantly reducing human load.
3. Thin and light, comfortable to wear close to everyday clothing;
4. Arms, shoulders, neck, and head are all protected.

#### Applicable scenes:

Patrol on duty, arrest in plain clothes, daily commute, business travel, medical work.



### Stab-Resistant Series

#### Studyarmor V Collar Hack-resistant Vest

Type: FCF-F-GJ01  
Hack-resistant Grade : Level 1  
Executive Standard: Enterprise standard Q31/C001-2016  
Material: modified resin composite material  
Weight: 1kg  
Area:  $\geq 0.3\text{m}^2$   
Size: L, XL

#### Product introduction:

The inner core is made of polymer resin composite material, which has high anti-chopping and anti-cutting performance.

#### Product Features:

1. The basic hack-resistant Vest, mainly to prevent cutting and chopping injuries, and only has certain stab proof performance.
2. The weight is significantly lower than that of metal anti-stab clothing, and the thickness is light and thin, with good softness properties.

#### Applicable scenes:

Patrol on duty, daily commute



### Stab-Resistant Series

#### Studyarmor Round Collar hack-resistant Vest

Type: FCF-F-GJ02  
Hack-resistant Grade : Level 1  
Executive Standard: Enterprise standard Q31/C001-2016  
Material: modified resin composite material  
Weight: 0.9kg  
Area:  $\geq 0.3\text{m}^2$   
Size: L, XL

#### Product introduction:

The inner core is made of polymer resin composite material, which has high anti-chopping and anti-cutting performance.

#### Product Features:

1. The basic hack-resistant Vest, mainly to prevent cutting and chopping injuries, and only has certain stab proof performance.
2. The weight is significantly lower than that of metal anti-stab clothing, and the thickness is light and thin, with good softness properties.

#### Applicable scenes:

Patrol on duty, daily commute

**Hack-resistant Series**



**KHB-H-GJ01**

Hack-resistant Neck Supporter

**KHJ-H-GJ01**

Hack-resistant Shoulder Pad

**KHZ-H-GJ01**

Hack-resistant Elbow Supporter

**KHS-H-GJ01**

Hack-resistant Arm Supporter

**KHD-H-GJ01**

Hack-resistant Thigh Supporter

**KHX-H-GJ01**

Hack-resistant Kneelet Supporter

**KHT-H-GJ01**

Hack-resistant Crus Supporter

Two layer of flexible puncture-proof fabrics, double protection

Open mode human body engineering design, two-way adjustable size

Special explosion-proof edge technology, no deformation, no loose

Imported OK cloth, it can be arbitrary adjust the comfort

Two bind belt, fixed firmly

**Hack-Resistant Series**

**Hack-resistant Neck Supporter  
KHB-H-GJ01**



**Product description:**

1. neck engineering design
2. double protective layer, double-side flexible hack resistant fabrics, effectively prevent external sharp weapon damage
3. Imported OK cloth, uneasy to ball, coarse
4. Adjusting the comfort, wearing comfortable, uneasy to deformation, without affecting the neck.

Level	Product Name	Type	(cm) Protection area	(KG) Weight	Material
I	Hack-resistant neck supporter	KHB-1H-GJ01	0.2	0.09	Polymer Resin
II		KHB-2H-GJ01		0.13	

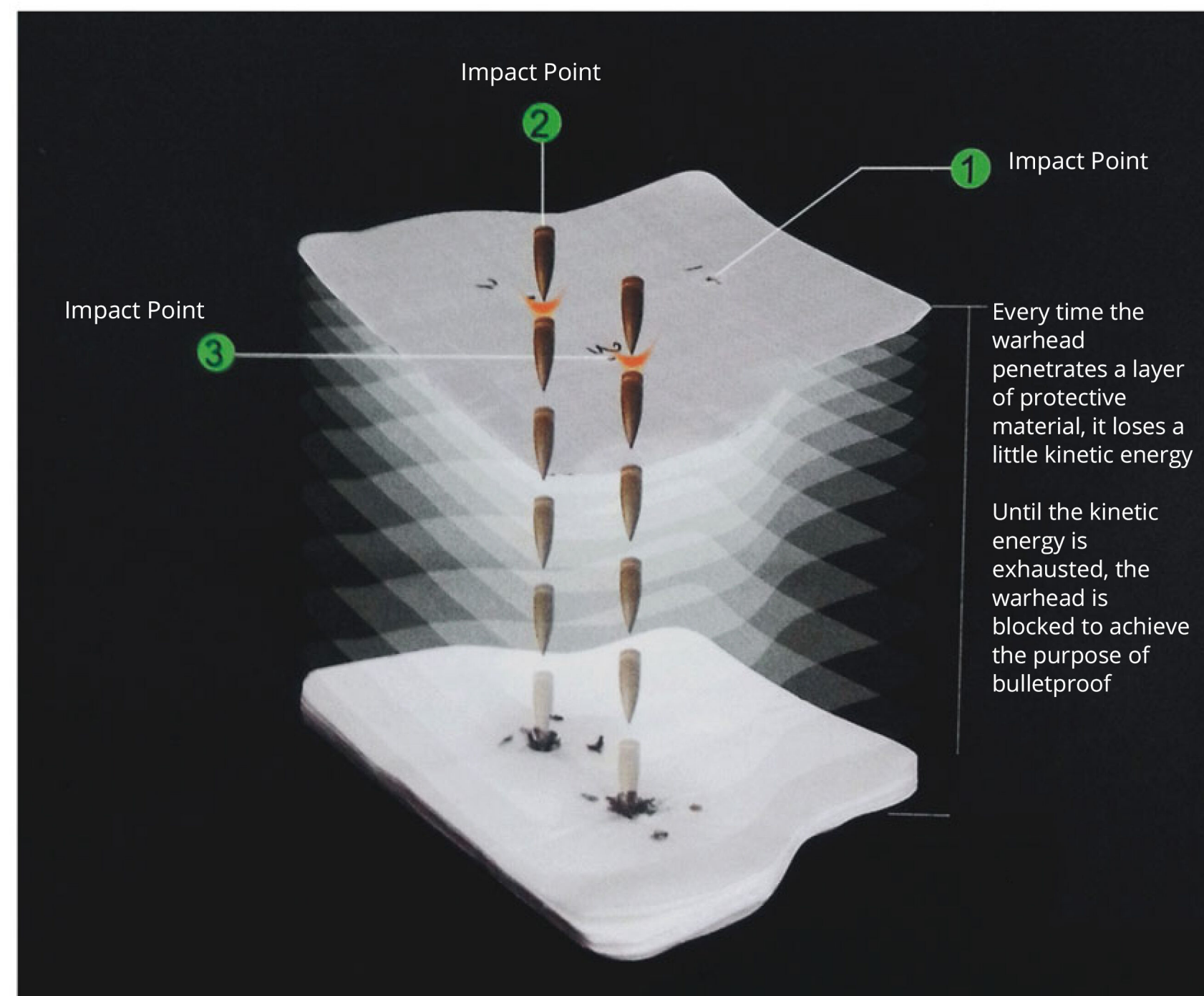


## Bullet-proof Series

### Bulletproof Theory

#### Energy absorption way

- Tensile deformation of bulletproof layer
- Destruction of bulletproof layer
- Heat loss
- Deformation of bullet
- Impacting makes a sound and the energy consume



## Bullet-proof Series

### Bulletproof Vest



FDY-GJ01



FDY-GJ02



FDY-GJ03



FDY-GJ04

#### Protection level:

GA 141-2010 level III police bulletproof vest, preventing 54 type and 79 type pistol bullet  
 NIJ0101.06 IIIA bulletproof vest, preventing .357SIG and .44magnum type gun

#### Product feature:

Made of UHMWPE/Aramid UD fiber/Kevlar UD fiber, high bulletproof performance.  
 Designed accordance with ergonomics, and have no effect on activities of human body.  
 Detachable, easy for cleaning.



FDY-GJ05



FDY-GJ06



FDY-GJ07

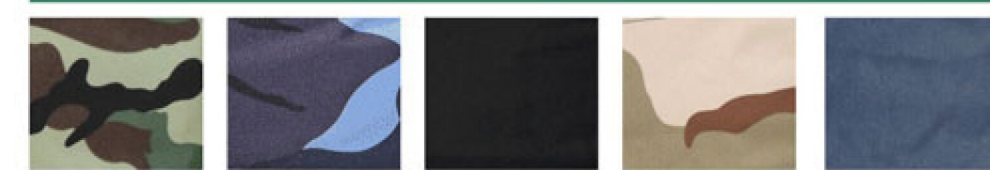


FDY-GJ08

Bullet-proof Series



Color



Bulletproof Vest

FDY-GJ11



FDY-GJ09



FDY-GJ10



FDY-GJ11



Coat color style and material can be customized according to customer's demand

Product Name	Type	Bulletproof level	Protection area
Bulletproof vest	FDY-N39-GJ11	NIJ IIIA 9mm	≥0.3
	FDY-N34-GJ11	NIJ IIIA.44	
	FDY-2R-GJ11	GA141-2010 GA141-2010 Police Standard Level II	
	FDY-3R-GJ11	GA141-2010 GA141-2010 Police Standard Level III	

Bullet-proof Series



Color



Full Body Bulletproof Vest  
FDY-Q-GJ01

Protection level:

GA 141-2010 Police Standard Level III and below level, against 54 type and 79 type pistol bullet  
NIJ0101.06 Bulletproof Vest Level IIIA and below level, against .357SIG gun and .44magnum

Product feature:

Made of UHMWPE/Aramid UD fiber/Kevlar® UD fiber, high bulletproof performance.  
Designed accordance with ergonomics, and have no effect on activities of human body.  
Detachable, easy for cleaning.

Protective area:

Protection area without groin is 0.5m<sup>2</sup>, protection area with groin is 0.6m<sup>2</sup>

Product Name	Type	Bulletproof level	Protection area
Full Body Bulletproof Vest	FDY-Q39-GJ01	NIJ IIIA 9mm	≥0.5
	FDY-Q34-GJ01	NIJ IIIA.44	
	FDY-2R-GJ01	GA141-2010 GA141-2010 Police Standard Level II	
	FDY-3R-GJ01	GA141-2010 GA141-2010 Police Standard Level III	



**Bullet-proof Series**

**Flotation Bulletproof Vest  
FDY-P-GJ01**

**Bulletproof material:**

Bulletproof layer adopts UHMWPE UD fabric/Aramid fiber/Kevlar® UD fabric, permanent waterproof, against chemical corrosion, avirulent insipidity, strong resistance to impact toughness, even lighter than water (only 0.96 density), it is the world's most excellent high-performance bulletproof material.

**Product Features:**

Floating bullet-proof vest jackets and lining cloth adopt high strength polyester fibers, and the surface treatment with waterproof, flame retardant, flexible and fastness.

Floating tablets are made of high polymer polyurethane foam processing, the material with high intensity and good floating performance, non-toxic tasteless, it is a new kind of foaming material.

It can guarantee people under 70 kg floating in the water.

**Protection Level:**

GA 141-2010 Police Standard Level III and below level, against 54 type and 79 type pistol bullet  
 NIJ0101.06 Bulletproof Vest Level IIIA and below level, against .357SIG gun and .44magnum

Product Name	Type	Bulletproof level	Protection area
Flotation Bulletproof Vest	FDY-P39-GJ01	NIJ IIIA 9mm	≥0.3
	FDY-P34-GJ01	NIJ IIIA.44	
	FDY-P2R-GJ01	GA141-2010 GA141-2010 Police Standard Level II	
	FDY-P3R-GJ01	GA141-2010 GA141-2010 Police Standard Level III	



**Bullet-proof Series**

**Bulletproof Helmet  
FDY-R-GJ01**



**Product Description:**

Made of UHMWPE/Aramid/Kevlar® UD fiber, effectively spreading the bullet impact energy to outside impact point, energy absorbed or fragment warhead wrapped in bulletproof layer, effective protection for head.

One-time shaping, more stable and firm cap, not easy to deformation

Four-point suspension system, highly safe. High quality Velcro, PU chin strap, non-toxic material, wear comfortably.

**Protection Level:**

GA293-2012 Level II : Against penetration of 54 type pistol bullet(lead core)

NIJ IIIA: Against penetration of .357SIG gun and .44magnum revolver bullet(lead core)

**Executive Standard : GA293-2012 Police bulletproof helmet and face shield and NIJ0106.01&client requirements**

Product Name	Type	Bulletproof level	Protection area	(kg) Weight
Bulletproof Helmet	FDK-2R-GJ01	GA293-2010 2 级 GA293-2010 II	≥0.13	≤1.5
	FDK-N3-GJ02	NIJ IIIA		

**Bullet-proof series**

**Bulletproof face shield  
FDM-F-GJ01**



**Bulletproof material:**

The host materials of Face Shield are high quality transparent poly resin carbon PC and acrylic, it has high resolution, good Bulletproof effect and has no glass splash etc.

**Product Features:**

The connection between bulletproof helmets and Face Shield is "all detachable",this style connection can apply to all kinds of different specifications bulletproof helmets and Face Shield, and the adjust is fixed and convenient and flexible use.

**Executive Standard : GA293-2012 Police bulletproof helmet and face shield and NIJ0106.01&client requirements**

Product Name	Type	Protection level	Protection area	Height	Arc length	Light transmittance	Weight
Bulletproof Face shield	FDM-2F-GJ01	GA293-2012 2	≥0.13	141	325	85.9	≤1.5
	FDM-2F-GJ02	NIJ IIIA					

**Bullet-proof Series**

**Bulletproof Plate  
FDB-N-GJ01**



**Product Description:**

It can much more improve the bulletproof level up to GA141-2010 4 level and NIJ level III or above when combined the both of front and back.

**Executive standard: GA141-2010 police bulletproof vest and US NIJ0101.06 bulletproof vest standard**

Product Name	Type	Bulletproof level	Protection area	(mm) Size	(kg) Weight
Pure PE Bulletproof Plate (stand alone)	FDB-N13-GJ01	NIJ III  Caliber:7.62x51 mm Bullet: M80 NATO Velocity: 847±9.1m/s Shots: 6	0.075	250×300 (10''*12'')	1.55kg± 0.05kg
PE/Al2O3 Ceramic Bulletproof Plate(combined with vest)	FDB-N23-GJ02				1.90kg± 0.05kg
PE/Al2O3 Ceramic Bulletproof Plate(stand alone)	FDB-N13-GJ02				2.50kg± 0.05kg
PE/SiC Bulletproof Plate (combined with vest)	FDB-N23-GJ03				1.65kg± 0.05kg
PE/SiC Bulletproof Plate (stand alone)	FDB-N13-GJ03				2.20kg± 0.05kg
PE/Al2O3 Ceramic Bulletproof Plate(combined with vest)	FDB-N24-GJ02				NIJ IV  Caliber:7.62*63mm Bullet: M2 AP Velocity: 878±9.1m/s Shots:2
PE/Al2O3 Ceramic Bulletproof Plate(stand alone)	FDB-N14-GJ02	2.95kg± 0.05kg			
PE/SiC Bulletproof Plate (combined with vest)	FDB-N24-GJ03	2.10kg± 0.05kg			
PE/SiC Bulletproof Insert Plate (stand alone)	FDB-N14-GJ03	2.55kg± 0.05kg			

Anti-riot Series

Anti-Riot Shield  
FBD-K0-GJ01



Product description:

Product Material: High quality transparent poly resin carbon PC  
 Impact Strength: 147J kinetic energy  
 Durable thorn Performance: GA68-2003 standard test 20J kinetic energy  
 Strength of the grip connection: ≥500N  
 Strength of the armlet connection: ≥500N  
 Product Usage: for police, city inspectors and security guards on duty etc  
 Product Function: anti-riot and anti-collision

Product Name	Type	Protection level	Product size	Weight	(%) Transmittance
Anti-Riot Shield	FBD-K0-GJ01	GA68-2003 20J	900*500*3.5	2.5	≥84

Vandal-proof Series

Bomb Blanket  
FBT-K0-GJ01



Product description:

Product Material: UHMWPE UD fiber/Aramid UD fiber  
 Product Usage: It can be used to isolate the explosives and protect the required explosion-proof equipment, such as valuable equipment, cultural relic archives and special public places and so on, necessary for explosion-proof equipment in the civil aviation, railways, ports and customs  
 Product Function: Anti-explosion and anti-collision  
 Executive standard: 《GA 69-2007 Bomb Blanket》、《2010 Quality Inspection Of Bomb Blanket Industry》

Product Name	Type	Protect Standard	(mm) Product Size	(KG) Weight	Material
Bomb Blanket	FBT-K0-GJ02	GA69-2007	Outer Diameter: 600 Inner Diameter: 450	Blanket cover 9.3 Outer fence 3.3 Inner fence 16.8	UHMWPE UD fiber/Aramid UD fiber