

Manufacturing Capacity & Test Ability

Fabric pulling machine



X-ray CT detection system



Programmed cutting system for bulletproof inserts



Vacuum thermo compression molding system



Microcomputer controlled electronic universal testing machine



Compression fatigue testing machine



Helmet mould



Ultrasonic C Helmet automatic processing system



UD cloth equipment imported from CDI in USA



All the military products

S/N	Item	S/N	Item
1	Stab resistant vest	9	Ceramic plate
2	Bullet proof vest	10	Ballistic goggles
3	Stab &Bullet vest	11	Helmet accessories
4	Tactical vest	12	Anti-cut gloves
5	ACH FAST helmet	13	Bulletproof shield
6	MICH 2000 helmet	14	Riot shield
7	Riot helmet	15	Ballistic face visor
8	Carbon Fiber helmet	16	Vehicle bulletproof glass



Products Warranty:
more than 5 years on ballistic material and
1 year on exterior carrier

We can customize military products based on your requirements with competitive price

Test Report



Size: Large Avg. Thickness: 0.293 in Thickness: 0.245 in; 0.288 in; 0.323 in; 0.317 in	Weight: 2.59 lbs Plies/Laminates: NA	Date Received: 3/22/2017 Via: DHL Returned: DHL									
Setup											
Shot Spacing: HPW-TP-0401.01B Sec. 9.3.1 Witness Panel: Clay Backing Material: Clay-filled head form Condition: Ambient	Primary Vel. Screens (ft): 6.500, 9.500 Primary Vel. Location (ft): 8.000 Range to Target (ft): 16.400 Target to Witness (in): 0.000	Range No.: 6 Temp: 64.9 °F BP: 30.1 inHg RH: 31.2% Barrel/Gun: CT-3043 Gunner: J. Thomas Recorder: Jacob Airisman									
Ammunition											
Projectile	Lot No.	Powder									
(1) 9-mm, 124-grain FMJ	Remington 23558	Accurate No. 2									
Applicable Standards or Procedures											
Clay Drop 1 - Drop Time: 11:45 AM; Block No.: HB-3; Temp.: 95.9 °F, 93.7 °F; Drop Depths: 24.0mm, 23.5mm, 23.7mm											
(1) HPW-TP-0401.01B Sec. 9.3.1, dated October 1995											
(2) Customer request											
Shot No.	Ammo	Weight (gr)	Time 1 (μs)	Vel. 1 (ft/s)	Time 2 (μs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	125.2	2145	1399	2147	1397	1398	None	14.5	0.0	(a, f)
2	1	124.9	2096	1431	2098	1430	1431	None	12.0	0.0	(b)
3	1	125.1	2069	1450	2072	1448	1449	None	20.4	0.0	(c)
4	1	124.8	2096	1431	2098	1430	1431	None	14.0	0.0	(d)
5	1	125.0	2111	1421	2113	1420	1420	None	12.6	0.0	(e)
Remarks:											
Required velocity: 1400 to 1450 ft/s Headform: HB3-2; Temp.: 94.0 °F											
Footnotes:											
(a) Front											
(b) Back											
(c) Left											
(d) Right											
(e) Crown											
(f) The projectile had insufficient velocity.											

ISO-5.10-FRI4.02

Ballistic Resistance Testing: All testing was conducted on an indoor range at ambient conditions, in accordance with your instructions and the modified provisions of NI-STD-0106.01. Testing was conducted using caliber .44 mag, 240 gr., SWCGC; and 9mm, 124 gr., FMJ ammunition. The test sample(s) were positioned 16.4 feet from the muzzle of the barrel to produce zero (0°) degree obliquity impacts, with respect to the tangent of the helmet curvature at the points of impact. Photoelectric infrared screens were located at 6.6 feet and 9.8 feet which, in conjunction with electronic chronographs, were used to compute bullet velocities at 8.2 feet forward of the muzzle.

Table I: Ballistic Resistance, NI-STD-0106.01, Summary of Results

Test Sample			Set-Up			Results				
Conditioning	Sample No.	Weight (lbs.)	Caliber	Obliquity	Shots (a)	Velocity (fps)		Penetration(s)	Deformation (mm) (b)	
						Max	Min		Max	Min
WET	ILH-11	2.96	.44 MAG	0°	4	1439	1415	1	N/A	N/A
	ILH-12	2.94	9mm	0°	4	1430	1416	0	N/A	N/A
	ILH-13	3.13	.44 MAG	0°	4	1429	1400	1	N/A	N/A
	ILH-14	3.15	9mm	0°	4	1433	1406	0	N/A	N/A
	ILH-15	3.11	.44 MAG	0°	4	1446	1413	0	N/A	N/A

(a) See individual data record(s) for specific shot details

(a) See individual data record(s) for specific shot details

Report prepared by:

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Tiffany Haines
Customer Operations Specialist

Report reviewed by:

Ray McBride

Ray McBride
General Manager

Vest Size Sheet for option

Size	Chest		Waist		Ballistic Protection Area
	inch	cm	inch	cm	m2
S	34 - 38	86 - 96	28	71-81	0.28
M	38 - 43	96 - 109	32	81-91	0.30
L	43 - 46	109 - 116	36	91-101	0.32
XL	46 - 48	116 - 122	40	101-111	0.34
XXL	48 - 50	122 - 127	44	111-121	0.36
XXXL	50 - 52	127 - 132	47	121-131	0.38
XXXXL	52 - 53	132-135	51	131-141	0.40

Popular size from M# to XL#.
Can customize size based on your height and weight

1 Stab Resistant Vest

The stab resistant vest is made of high performance composite material, which has excellent stab proof performance and has the features of **softness, light-weight, breathable**, easily to be wearred.

It's stab-proof performance conformed to the standards of NIJ 0115.00.

Stab Resistant Vest	
Protection Level:	NIJ-STD 0115.00 level I 24J-33J (17.7ft-lbf)
Material:	600D nylon
Protection Coverage:	Front & Back/Wraparound, shoulder, waist size adjustable, $\geq 0.3\text{m}^2$
Plate Pockets:	Optional
Sizes & Weight:	Up to 10XL, 1.7kg ~3 kg
Lead time:	1-10 pcs, 3~5 days, 100% TT
	11~50 pcs, 5~7 days, 100% TT
	More than 100 pcs, 15 days, (30% before production, 70% before delivery)

Packing: 5 pcs/550*550*380 mm carton, G.W. 18 kg



Style



High performance composite materials such as **KEVLAR,TWARON,UHMWPE** are adopted in the research of many series soft bullet-proof vest which conformed to the standard of NIJ 0101.06.

The bullet-proof vests include **standard style,concealable style,side protection,complete protection and so on**;the **color is available to navy blue,jungle camouflage,desert camouflage and so on**. Our product enjoy high reputation for its excellent performance, reliable quality.



Stab Resistant Vest

Protection Level:
NIJ-STD 0101.06

Level II(9 mm & 357 Magnum)
Level IIIA(9 mm, .357 & .44 Magnum)
Level III(7.62 MSC),Level IV (7.62 API) or other bullets

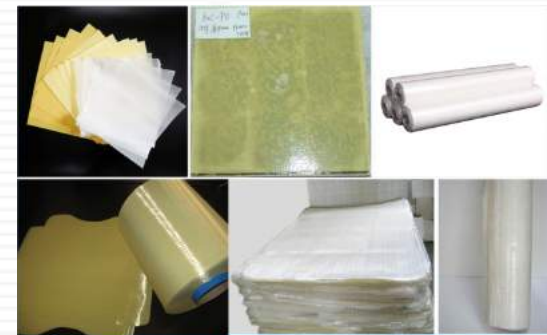
Material:
500~1000 D nylon,Oxford,Cotton fabric

Protection Coverage:
Front & Back/Wraparound, shoulder, waist size adjustable, $\geq 0.3\text{m}^2$

Plate Pockets:
Optional

Sizes & Weight:
Up to 10XL, 2.1 kg ~3.5 kg

Lead time:
1-10 pcs, 3~5 days ,100% TT
11~50 pcs, 5~7 days, 100% TT
More than 100 pcs,15 days,(30% before production,70% before delivery)



It consists of a vest and soft panels (including protective cover).

Right bulletproof vest series is still having two convenient external pockets which accommodate removable shooters cut SAP(ICW)Plates as above series,in size 10"x12"(25x30cm).

Fully adjustable tactical carrier features **MOLLE** webbing for attaching modular pouches and accessories.

Key Features:

- Adjustable shoulder and side straps
- 100% Aramid (KEVLAR or TWARON) or UHMWPE materials
- Waterproof and UV-Proof ballistic panel cover
- Custom sizing and colors available
- Optional carrier fabric: 600D Polyester, 500D Nylon, Cordura

Ballistic Protection Levels:

- Complies with NIJ 0101.06 standards Level IIA,II,IIIA,III,IV

Ballistic Protection Area:

- front,back,side, neck, throat, biceps, groin etc.

Quality Control System:

- ISO 9001:2008
- We're owner of one National Laboratory certified by CNAS and ILAC-MRA where the ballistic material and products are tested before and during production period.



5

ACH FAST helmet



ACH FAST specification with details

1. Protection level: NIJ-STD 0101.06 level IIIA, prevent 9 mm FMJ & .44 Mag

2. Ballistic material: two option, UHMWPE/Aramid(Kevlar)

3. Color: can be customized, regular color as below

BK, FG, TAN, CB
OD, ACU, AOR1, AOR2,
ATACS, AT-FG, MC, MC-BK

4. Weight : 1.45-1.65 kg (+ - 0.05 kg)

5. Packing:

1 pc/29*27.5*20 cm
2 pcs/30*23.5*34 cm

Packing



The performance of helmet series composite anti-bullet helmets(including FAST,PASGT M88,MICH 2000) produced by the adoption of high performance bullet-proof composite materials and related molding technology can meet the standards of US NIJ .

NIJ0101.06 Protection Levels

Test Bullet	Test Velocity	NIJ IIA	NIJ II	NIJ IIIA
9mm FMJ RN	373m/s (1,225ft/s)	✓	✓	✓
.40 S&W FMJ	352m/s (1,155ft/s)	✓	✓	✓
9mm FMJ RN	398m/s (1,305ft/s)		✓	✓
.357 Magnum JSP	436m/s (1,430ft/s)		✓	✓
.357 SIG FMJ FN	448m/s (1,470ft/s)			✓
.44 Magnum SJHP	436m/s (1,430ft/s)			✓

Carrier Material:Surface of polyurea (features: waterproof, UV protection, wear-resistant and heat resistant)

Bulletproof Material: **Kevlar**

Protection level: NIJ Standard-0101.06 level IIIA.357SIG&.44Mag

Head circumference(cm): S: 54-56 M: 56-58 L: 58-60

Weight(±0.05kg): 1.45/1.5/1.55

Carrier Material:Surface of polyurea (features: waterproof, UV protection, wear-resistant and heat resistant)

Bulletproof Material: **PE**

Protection level: NIJ Standard-0101.06 level IIIA.357SIG&.44Mag

Head circumference(cm): S: 54-56 M: 56-58 L: 58-60

Weight(±0.05kg): 1.45/1.5/1.55

Test Result



Specification



1. Color:Black, UN blue or customize

2. Material:PC(2.5/3.4 mm)

3. Structure:Helmet shell, suspension, leather etc.

Feature:

(1)The lens mask is made of IPC resin.

The lens is clear and colorless, with good toughness and is not easy to break, so as to ensure that the vision of the user is not affected.

(2)Lining, with moisture absorption, sweat and other special effects, so that the human head in a safe guarantee, but also feel comfortable feeling.



Item: Laminated Carbon fiber helmet

Color:Black,Sand,customized as required

Size:25.5*20*17.5 cm

Head Circumference:55-59 cm

Thickness:2 mm(total 2.3 mm)

Weight: 653 g < 800 g

Suitable for: Military fan collection,
fire fighting, security guard duty, outdoor sports,
wilderness exploration.Real person CS, film and television props, etc



Stand alone plate (SAP)

"Stand-alone" plates are designed to stop ballistic threats using the plate alone. No ballistic vest is required for this plate, as all the energy and fragments are stopped in the plate. These plates are usually reserved for tactical operations or anti-terrorist work where the ammunition threat is unknown, or if the wearing of a vest is considered too cumbersome.

In-conjunction plate (ICW)

ICW(In-conjunction) plates are designed to stop the specified threat within the vest/plate matrix. Some fragments may penetrate the plate, but are of much reduced energy easily stopped by the ballistic vest worn underneath. ICW plates are lighter, more comfortable, and less bulky than stand-alone plates.



























Below option

Protection Level	Item	Material	Stand alone plate (SAP)		In-conjunction plate(ICW)	
			Weight(kg)	Thickness(mm)	Weight(kg)	Thickness(mm)
			(deviation±0.1)	(deviation±0.1)	(deviation ± 0.1)	(deviation±0.1)
NIJ0101.06 -III	SD-25	Pure PE	1.3	20	1.2	18
	SD-26	Pure PE	1.6	20	1.4	18
	WSFZ-511A	PE/AL2O3	2.3	20	2.1	18
	SD-29	PE/SiC	2.0	20	1.8	18
	SD-30	PE/B4C	1.8	20	1.6	18
	Side plate	PE/AL2O3	0.85	20	/	/
NIJ0101.06-III+	SD-35	PE/AL2O3	2.3	22	2.1	21
	SD-36	PE/SiC	2.1	22	1.9	21
NIJ0101.06-IV	WSFZ-520-1	PE/AL2O3	2.7	22	2.5	18
	WSFZ-520-2	PE/SiC	2.3	22	2.1	18




S/N	Description&Specification	Picture
Ballistic Goggles (HS:9506919000)	1.Material:Polycarbonate (PC) 2.Color:Olive gerrn,Black,Khaki 3.Style:Whole frame with flat light 4.Remarks: Double button design,easy to adjust,suitable for all kinds of head Anti-sand vent hole,high density large sponge	
		
		



ACS025		OPS FAST Helmet side rails		BK,FG,OD,TAN,CB	ACS033		Silicon helmet pads		BK,Grey
ACS026		MICH helmet side rails(II)		BK,FG,OD,TAN,CB	ACS034		VAS Shroud	Metal	BK,FG,OD,TAN,CB
ACS027		MICH helmet side rails (I)		BK,FG,OD,TAN,CB	ACS035		VAS shroud	Nylon	BK,FG,OD,TAN,CB
ACS028		FAST Maritime Helmet side rails		BK,FG,OD,TAN,CB	ACS036		A Helmet VAS Shroud TYPE 2		BK,FG,OD,TAN,CB
ACS029		CP helmet side rails		BK,FG,OD,TAN,CB	ACS037		Wilcox 3 Hole Shroud P/N		BK,FG,OD,TAN,CB
ACS030		maritime helmet FXUKV MH model		DE,BK,FG	ACS038		Night Vision Mount		BK
ACS031		Ordinary helmet pads for MICH/PASGT		BK	ACS039		FAST helmet cover		AOR1,AOR2,MC, ACU,MAD,Typhon etc
ACS032		heat sealed helmet pads		BK,Grey					
ACS033		Silicon helmet pads		BK,Grey					
ACS034		VAS Shroud	Metal	BK,FG,OD,TAN,CB					



ITEM	Description& Specification	Hand girth(cm)	Handbreadth wide(cm)	Picture
Gloves	1.Cutting resistant fibre 2.Black color 3.comfortable and breathable 4.0.15 kg (±0.05kg) 5.EN388, the highest anti-cutting grade reaches 5	S: 20 L: 23 XL:25	S~8, L ~9, XL ~10,	



- Bulletproof Shields

Wheeled type



Handheld Type



Model No.	Size	Material	Weight	Armor Level(NIJ)
WSFZ-SH01	55x75cm	UHMWPE	5.2kg	IIIA
WSFZ-SH02	40x40cm	FRP	6kg	IIIA
WSFZ-SH03	55x60cm	Ceramic Laminate	18kg	IV
WSFZ-SM01	185x65cm	Ceramic Laminate	130kg	IV
WSFZ-SM02	(185-195)x75cm	Ceramic Laminate	95kg	M193/SS109/M855 M16,AK47
WSFZ-SM03	120x70cm	Ceramic Laminate	50kg	M193/SS109/M855 M16,AK47
WSFZ-SM04	160x75cm	Ceramic Laminate	75kg	IV
WSFZ-SM05	100x60cm	Ceramic Laminate	31kg	IV
WSFZ-SM06	100x60cm	Ceramic Laminate	36kg	IV
WSFZ-SM07	175x70cm	Ceramic Laminate	95kg	III





ITEM	Description&Specification	Weight(kg)
Shield	<ol style="list-style-type: none"> 1. Material: the shield body is made of 3.5mm thick high quality PC board. 2. Protective area: 0.45m², width of shield: 0.505m. 3. Size: 900*500*3.5 4. Light transmittance is 89.4%. 5."UN" with blue color 	2.39

Ballistic Face Shields are compatible with most of the major ballistic helmets for military, para-military, law enforcement. The face shields are easily secured to the helmet and can be locked into 3 positions including fully elevated, 45 degree.

Features:

- Manufactured of polycarbonate/PMMA laminate
- Curved design offers complete facial protection from the helmet brim to below the chin area
- Unique band-fastening system permits quick attachment or detachment and eliminates drilling that could affect ballistic integrity

Standard Data:

Ballistic Face Visor				
Article	Description&Specification	Size	Weight(kg)	Picture
Ballistic Face Visor	Protection Level: NIJ-STD 0101.04 level IIA (stop 9 mm FMJ RN) grain weight 8 grams, V = 341 m / s Material: Polycarbonate/PMMA laminate	130mm x 305mm	total weight <1kg	
	Protection Level: NIJ-STD 0106.01 level IIIA (Multi-Hit .44 Mag 240 gr) Material: Polycarbonate/PMMA laminate	145mm x 365mm	1.5±0.05kg	



Code	Protection Level	Performance	Area density	Thickness	Dimensions Max.
SD-G-16	NIJ I EN 1063 BR1	Against .22LR .380 FMJ	35 kg/m ²	16mm	1200x2000mm
SD-G-18	NIJ IIA EN 1063 BR2	Against 9mm FMJ 40 S&W FMJ	40 kg/m ²	18mm	1200x2000mm
SD-G-19	NIJ II EN 1063 BR3 UL752 1,2	Against 9mm FMJ .357 Magnum	42 kg/m ²	19mm	1200x2000mm
SD-G-21	NIJ Level IIIA EN 1063 BR4 UL752 3,6	Against .44 Magnum .357 Magnum 9mm FMJ	51 kg/m ²	21mm	1200x2000mm
SD-G-33	UL752 4	Against .30-06 caliber Rifle	75kg/m ²	33mm	1200x2000mm
SD-G-35	EN 1063 BR5 UL752 7	Against 5.56x45 M193/SS109/M855 7.62x39 AK 47	79 kg/m ²	35mm	1200x2000mm
SD-G-39	NIJ Level III EN 1063 BR6 UL752 5 STANAG 4569 I	Against 7.62x51 NATO M80 5.56x45 M193/SS109/M855 7.62x39 AK 47	84 kg/m ²	39mm	1200x2000mm
SD-G-52	NIJ Level IV UL752 8	Against 7.62*64mm .30 M2 AP 7.62x51 NATO M80 5.56x45 M193/SS109/M855 7.62x39 AK 47	118 kg/m ²	52mm	1200x1700mm



Other popular products

Military backpack



ITEM	Description&Specification	Size
Bulletproof Backpack	1.NIJ-STD 0101.06 level IIIA,stop 9 mm FMJ & .44 MAG 2.UHMW-PE	UHMW-PE panel:280*360 mm
	1.NIJ-STD 0101.06 level IIIA,stop 9 mm FMJ & .44 MAG 2.Aramid	Aramid panel:280*360 mm



PN	Bulletproof Backpack	
Outer material	Oxford 600D	
Ballistic material	PE or Aramid	
Size	33*43*50cm	
Color	Black, can be customized also	
Thickness mm	15-20mm	
Protection area	0.26m ²	
Ballistic material	PE	Aramid
Ballistic level	NIJIIIA.44	NIJIIIA.44
Total weight	3.85±0.05KG	3.90±0.05KG
Standard	NIJ Standard - 0101.06	

Explosion-Proof Blanket

Major Technical Performance :

- 1、Formation : Inner fence、outer fence & blanket
- 2、Size & & Weight

Item	Specification	
Blanket	1200mm×1200mm &1600mm×1600mm	
Inner fence	inner diameter	420mm
	height	300mm
Outer fence	inner diameter	600mm
	height	150mm
Weight	total weight≤30 kg	



All Products Standard Packaging: (carton, with separate carton for each one.)



Thanks for watching and be sure to call me 🙌🙌🙌

