



Newtech Armor Equipments



Contact Us

Newtech Advance Material

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About Newtech Armor

Newtech Armor has been long dedicated to provide professional protect solutions for Police, Army and other customers.

With the leadership of Dr. Lei, we have became known as a leading bulletproof hard armor plate manufacturer. Besides bulletproof hard armor plates, our products also include ballistic helmets, bulletproof shields, dual protecting vests, etc., which are all tested by professional institution and NIJ standard certificated.

Up to now, Newtech Armor have served many different customers from Sweden, Germany, the Middle East, Spain, South Korea and other countries. We also have established long-term cooperative relationship with most of them.

What we most proud of is from years our products have defended countless lives and their family happiness. We Newtech Armor will continue to work hard for more people's safety.





Newtech Armor Products

We have many bulletproof product series, if you need more info of them or the product not exhibition here, you can mail us.



Hard Armor Plates

NIJ III Alumina Hard Armor Plate STA

NIJ III SIC Hard Armor Plate STA

NIJ III PE Hard Armor Plate STA

NIJ IV Alumina Hard Armor Plate STA

NIJ IV Sic Hard Armor Plate STA

And more.....



Bulletproof Shields

NIJ IIIA Ladder Bulletproof Shield

NIJ III Handheld Bulletproof Shield

NIJ III+ Handheld Bulletproof Shield with Trolley

NIJ IV Handheld Bulletproof Shield with Trolley

And more.....



Bulletproof Vests

NIJ IIIA Out wear Bulletproof Vest

NIJ IIIA Military Bulletproof Vest

NIJ IIIA Concealed Bulletproof Vest

NIJ IIIA Bulletproof T-shirt

And more.....



Newtech Armor Products

We have many bulletproof product series, if you need more info of them or the product not exhibition here, you can mail us.



Dual Protecting Vests

NIJ Level 1 & NIJ IIIA 9mm Outwear Stab & Bullet Dual Protecting Vest
NIJ Level 1 & NIJ IIIA .44 Concealed Stab & Bullet Dual Protecting Vest

And more.....

Helmets

NIJ IIIA PAGST Bulletproof Helmet
NIJ IIIA MICH Bulletproof Helmet
NIJ IIIA FAST Bulletproof Helmet

And more.....



Bulletproof Backpack

NIJ IIIA Large Bulletproof Backpack
NIJ IIIA School Bulletproof Backpack

And more.....



Hard Armor Plates

We specialize in the manufacture of different protect level of hard armor plate. Here are some of them. You can find more info in our web: www.newtecharmor.com .

NIJ Level III Hard Armor Plates



Name: NIJ Level III PE Hard Armor Plate with Single Curved STA

Series: P-3EC STA

Standard: NIJ 0101.06 Level III, Stop M80, M193, AK47

Material: UHMW-PE

Weight: 1.7 ± 0.05 kg

Size: 250 x 300 mm'

Thickness: 30 mm

Shape: Single curved molding, two upper corners tapered can maximize mobility during dynamic tactical operation.

(Triple curved plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)



Name: NIJ level III Alumina Hard Armor Plate with Single Curved Stand Alone

Series: A-3EC STA

Standard: NIJ 0101.06 Level III , Stop M80, M193, SS109, AK47

Material: Aluminum + UHMW-PE

Weight: 2.5 ± 0.05 kg

Size: 250 x 300 mm

Thickness: 24 mm

Shape: Single curved molding, two upper corners tapered can maximize mobility during dynamic tactical operation.

(Triple curved plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)



Hard Armor Plates

We specialize in the manufacture of different protect level of hard armor plate. Here are some of them. You can find more info in our web: www.newtecharmorm.com .

NIJ Level III, III+ Hard Armor Plates



Name: NIJ level III+ Silicon Hard Armor Plate with Single Curved Stand Alone

Series: S-3EC+ STA

Standard: NIJ 0101.06 Level III+ , Stop AK47 API, M80 NATO, AK47, SS109, M193

Material: Silicon + UHMW-PE

Weight: 1.9 ± 0.05 kg

Size: 250 x 300 mm

Thickness: 26 mm

Shape: Single curved molding, two upper corners tapered can maximize mobility during dynamic tactical operation.

(Triple curved plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)



Name: NIJ level III+ Alumina Hard Armor Plate with Single Curved Stand Alone

Series: A-3EC+ STA

Standard: NIJ 0101.06 Level III+ , Stop AK47 API, M80 NATO, AK47, SS109, M193

Material: Aluminum + UHMW-PE

Weight: 2.55 ± 0.05 kg

Size: 250 x 300 mm

Thickness: 26 mm

Shape: Single curved molding, two upper corners tapered can maximize mobility during dynamic tactical operation.

(Triple curved plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)



Hard Armor Plates

We specialize in the manufacture of different protect level of hard armor plate. Here are some of them. You can find more info in our web: www.newtecharmorm.com .

NIJ Level IV Hard Armor Plates



Name: NIJ Level IV Silicon Hard Armor Plate with Single Curved Stand Alone

Series: S-4EC STA

Standard: NIJ 0101.06 Level IV, Stop M2 AP >3 shoots

Material: Silicon+ UHMW-PE

Weight: 2.5 ± 0.05 kg

Size: 250 x 300 mm

Thickness: 24 mm

Shape: Single curved molding, two upper corners tapered can maximize mobility during dynamic tactical operation.

(Triple curved plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)



Name: NIJ Level IV Alumina Hard Armor Plate with Single Curved Stand Alone

Series: A-4EC STA

Standard: NIJ 0101.06 Level IV, Stop M2 AP >3 shoots

Material: Alumina + UHMW-PE

Weight: 2.95 ± 0.05 kg

Size: 250 x 300 mm

Thickness: 23 mm

Shape: Single curved molding, two upper corners tapered can maximize mobility during dynamic tactical operation.

(Triple curved plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)



Hard Armor Plates

We specialize in the manufacture of different protect level of hard armor plate. Here are some of them. You can find more info in our web: www.newtecharmor.com .

NIJ Level IV Hard Armor Side Plates

Name: NIJ Level IV Silicon Carbide Hard Armor Side Plate STA

Series: S150205-4T STA

Standard: NIJ 0101.06 Level IV, Stop M2 AP

Material: Silicon Carbide + UHMW-PE

Weight: 1 ± 0.05 kg / 2.20 ± 0.11 lb

Size: 150 x 205 mm / 6' x 8'

Thickness: 24 mm / 0.94'

Shape: Single curved molding, can provide comprehensive protection for the side of human body.

(Front plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)



Name: NIJ Level IV Alumina Hard Armor Side Plate STA

Series: A205205-4T STA

Standard: NIJ 0101.06 Level IV, Stop M2 AP

Material: Alumina + UHMW-PE

Weight: 2 ± 0.05 kg / 4.40 ± 0.11 lb

Size: 205 x 205 mm / 8' x 8'

Thickness: 24 mm / 0.94'

Shape: Single curved molding, can provide comprehensive protection for the side of human body.

(Front plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)





Hard Armor Plates

We specialize in the manufacture of different protect level of hard armor plate. Here are some of them. You can find more info in our web: www.newtecharmor.com .

NIJ Level IIIA Hard Armor Plates

Name: NIJ Level IIIA PE Hard Armor Plate with Single Curved Stand Alone

Series: P-3AEC STA

Standard: NIJ 0101.06 Level IIIA, Stop 9mm Para FMJ & .44 Magnum JHP

Material: UHMW-PE

Weight: 0.5 ± 0.05 kg / 1.1 ± 0.11 lb

Size: 250 x 300 mm / 10' x 12'

Thickness: 8 mm / 0.32'

Shape: Single curved molding, can provide comprehensive protection for the side of human body.

(Front plates also available with the same material and standard)

Finish: Water-proof polyester fabric (Black color)

(Coating materials and print content up to customers)



Name: NIJ Level IIIA PE Hard Armor Plate with Triple Curved Stand Alone

Series: 3PS-2530E

Standard: NIJ 0101.06 Level IIIA, Stop 9mm Para FMJ & .44 Magnum JHP

Material: UHMW-PE

Weight: 0.5 ± 0.05 kg / 1.1 ± 0.11 lb

Size: 250 x 300 mm / 10' x 12'

Thickness: 8 mm / 0.32'

Shape: Compared with single curved plate, the triple curved one fits better to the human body, and its two upper corners tapered can maximize mobility during dynamic tactical operation.

(Triple curved plates also available with the same material and standard)

Finish: Polyurea

(Coating materials and print content up to customers)





Helmets

We specialize in the manufacture of different kind of bulletproof helmets. Here are some of them. You can find more info in our web: www.newtecharmor.com

Helmets

Name: NIJ IIIA PASGT Bulletproof Helmet

Series: PASGT AF

Standard: NIJ 0101.06 Level IIIA, Stop 9 mm Para FMJ / RN

Material: UHMW-PE + Aramid Fibers

Trauma: < 20 mm / 0.787'

V50: 689 m/s

Weight: ~1.5 KG / 3.3 LB

Head Circle: 57 - 58 cm / 2.24' – 2.28'

Color: Black, Olive Green, Blue, Camouflage, etc..

(Style and color of helmets and the print content up on custom design is possible)

Warranty: The protective inserts are guaranteed a service life of 5 years from date of issue.



Name: NIJ IIIA FAST Bulletproof Helmet

Series: FAST AF

Standard: NIJ 0101.06 Level IIIA, Stop 9 mm Para FMJ / RN

Material: Aramid Fibers

Trauma: < 20 mm / 0.787'

V50: 686 m/s

Weight: ~1.35 kg / 2.97 lb

Head Circle: 59 - 60 cm / 2.32' – 2.36'

Color: Black, Olive Green, Blue, Camouflage, etc..

(Style and color of helmets and the print content up on custom design is possible)

Warranty: The protective inserts are guaranteed a service life of 5 years from date of issue.





Bulletproof Shields

We specialize in the manufacture of lighter and better bulletproof shields. Here are some of them. You can find more info in our web: www.newtecharmor.com .

Bulletproof Shields

Name: NIJ IIIA Bulletproof Ladder Shield

Series: LSPV 5086-3A

Standard: NIJ 0101.06 Level IIIA, Stop 9 mm Para & .44 Magnum

Material: UHMW-PE

Shape: Flat

Dimension (W×H×T): 50 × 86 × 1 cm / 19.6' x 33.85' x 0.39'

Bulletproof glass view port size: 10 × 30 cm / 3.93' x 11.8'

Weight: < 9.7 kg / 21.4 lb

Accessories: A aluminum bracket for climbing high and wheels for shield transferring.

(Bare shields also available with the same material and standard)

Finish: Toughened resin (Matt black)

(Coating materials and print content up to customers)



Name: NIJ IV Silicon Carbide Bulletproof Shield with Trolley

Series: WSSMV 5095-4

Standard: NIJ 0101.06 Level IV, Stop M2 AP

Material: Silicon Carbide + UHMW-PE

Shape: Flat

Dimension (W×H×T): 50 × 95 × 2.2 cm / 19.6' x 37.4' x 0.86'

Bulletproof glass view port size: 7.5 × 20 cm / 2.95' x 7.87'

Weight: < 25.5 kg / 56.2 lb

Accessories: 1 handles on the back, Can be used by hand-holding or inserting into a trolley for long distance movement.

(Bare shields also available with the same material and standard)

Finish: Toughened resin (Matt black)

(Coating materials and print content up to customers)





Bulletproof Vests

We specialize in the manufacture of bulletproof vests. Here are some of them. You can find more info in our web: www.newtecharmor.com .

Bulletproof Vests

Name: NIJ IIIA .44 Concealed Bulletproof T-shirt

Series: CBT-3A4402L

Standard: NIJ 0101.06 Level IIIA, Stop 9mm Para & .44 Magnum

Material: Protecting insert: UHMW-PE

Thickness: ~8mm

Jacket: Elastic fabric

(Material of jacket up on custom design is possible)

Color: Black, White etc..

Warranty: The protective inserts are guaranteed a service life of 5 years from date of issue.

(Vests of other styles and functions are also available)



Size//Proportion	S/M 0.145m ²	L/XL 0.165m ²	XXL 0.185m ²	XXXL/0.21m ²
Weight	1.3 kg / 2.9 b	1.4 kg / 3.1 lb	1.5 kg / 3.3 lb	1.6 kg / 3.5 lb



Name: NIJ IIIA .44 Concealed Bulletproof Vest

Series: CBV-3A4401L

Standard: NIJ 0101.06 Level IIIA, Stop 9mm Para & .44 Magnum

Material: Protecting insert: UHMW-PE

Thickness: ~8mm

Jacket: Cotton

(Material of jacket up on custom design is possible)

Color: Black, White, Camouflage, etc..

Warranty: The ballistics vests are guaranteed a service life of 5 years from date of issue.

(Vests of other styles and functions are also available)

Size//Proportion	S/0.24m ²	M/0.28m ²	L/0.3m ²	XL/0.4m ²
Weight	1.5kg/3.3b	1.8kg/3.9lb	1.9kg/4.2lb	2.5kg/5.5lb



Bulletproof Vests

We specialize in the manufacture of bulletproof vests. Here are some of them. You can find more info in our web: www.newtecharmor.com .

Bulletproof Vests

Name: NIJ IIIA Outer Wear Bulletproof Vest

Series: OBV-3A4402L

Standard: NIJ 0101.06 Level IIIA, Stop 9mm Para & .44 Magnum

Material: Protecting insert: UHMW-PE

Thickness: ~8mm

Jacket: Oxford, Cotton or Nylon Fabric

(Material of jacket up on custom design is possible)

Color: Black, White etc..

Warranty: The protective inserts are guaranteed a service life of 5 years from date of issue.

(Vests of other styles and functions are also available)

Size/Proportion	S/0.24m ²	M/0.28m ²	L/0.3m ²	XL/0.4m ²
Weight	1.5kg/3.3lb	1.8kg/3.9lb	1.9kg/4.2lb	2.5kg/5.5lb



Name: NIJ IIIA Military Bulletproof Vest

Series: MBV-3A4401L

Standard: NIJ 0101.06 Level IIIA, Stop 9mm Para & .44 Magnum

Material: Protecting insert: UHMW-PE

Thickness: ~8mm

Jacket: Oxford, Cotton or Nylon Fabric

(Material of jacket up on custom design is possible)

Color: Black, White, Camouflage, etc..

Warranty: The ballistics vests are guaranteed a service life of 5 years from date of issue.

(Vests of other styles and functions are also available)



Size/Proportion	S/0.42m ²	M/0.447m ²	L/0.48m ²	XL/0.52m ²
Weight	3.1kg/6.8lb	3.3kg/7.3lb	3.5kg/7.7lb	3.8kg/8.4lb



Dual Protecting Vests

We specialize in the manufacture of Dual Protecting vests. Here are some of them. You can find more info in our web: www.newtecharmor.com .

Dual Protecting Vests

Name: 9mm Concealed Stab & Bullet Dual Protecting Vest

Series: ODV-3A9K1S101

Standard: NIJ 0115.00 Level 1 & NIJ 0101.06 Level IIIA, 9mm

Material: Protecting insert: a flexible metallic strike panel backed by laminated UHMW-PE UD sheets;
Thickness: 10 - 15mm
Jacket: Oxford, Cotton or Nylon Fabric
(Material of jacket up on custom design is possible)

Color: Black, White, Camouflage, etc..

Warranty: The protective inserts are guaranteed a service life of 5 years from date of issue.

(Vests of other styles and functions are also available)

Size/Proportion	S/0.24m ²	M/0.28m ²	L/0.3m ²	XL/0.4m ²
Weight	2.5kg/5.5lb	2.8kg/6.2lb	3.0kg/6.6lb	3.9kg/8.6lb



Name: .44 Concealed Stab & Bullet Dual Protecting Vest

Series: CDV-3A44K1S101

Standard: NIJ 0115.00 Level 1 & NIJ 0101.06 Level IIIA, .44 Magnum

Material: Protecting insert: a flexible metallic strike panel backed by laminated UHMW-PE UD sheets;
Thickness: 10 - 15mm
Jacket: Oxford, Cotton or Nylon Fabric
(Material of jacket up on custom design is possible)

Color: Black, White, Camouflage, etc..

Warranty: The ballistics vests are guaranteed a service life of 5 years from date of issue.

(Vests of other styles and functions are also available)



Size/Proportion	S/0.42m ²	M/0.447m ²	L/0.48m ²	XL/0.52m ²
Weight	3.0kg/6.6lb	3.5kg/7.7lb	3.75kg/8.3lb	4.9kg/10.8lb



Bulletproof Vests

We specialize in the manufacture of bulletproof vests. Here are some of them. You can find more info in our web: www.newtecharmor.com .

Bulletproof Backpacks

Name: NIJ IIIA Large Bulletproof Backpack with USB Charging Port

Series: KBP-3A4401

Standard: NIJ 0101.06 Level IIIA, Stop 9mm Para & .44 Magnum

Bulletproof Panel

Material: UHMW-PE

Dimension: 28 x 43 cm / 11' x 17'

Thickness: ~8mm / ~0.3'

Weight: 0.6 kg / 1.3 lbs

Backpack

Material: Terylene

Capacity: 30 L - 40 L

Dimension: 31x 46 x 20 cm / 12.2' x 18' x 7.5'

Weight: 1 kg / 2.2 lbs



Color: Black, White etc..

Warranty: The protective inserts are guaranteed a service life of 5 years from date of issue.

Name: NIJ IIIA School Bulletproof Backpack

Series: SBP-3A4401

Standard: NIJ 0101.06 Level IIIA, Stop 9mm Para & .44 Magnum

Bulletproof Panel

Material: UHMW-PE

Dimension: 28 x 38 cm / 11' x 15'

Thickness: ~8mm / ~0.3'

Weight: 0.6 kg / 1.3 lbs

Backpack

Material: Terylene

Capacity: 10 L - 20 L

Dimension: 29 x 42 x 10 cm / 11.5' x 16.5' x 4'

Weight: 0.6 kg / 1.3 lbs



Color: Black, White etc..

Warranty: The protective inserts are guaranteed a service life of 5 years from date of issue.



Newtech Armor Test Reports

Here are some test reports of our equipments which tested by professional test center. If you need more info, please contact us.

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17 December 2014
(HPLI:000002726A)

Swedish Shield Technologies
Mästargatan 4
18636 Västervik
Sweden

Attention: Helena Jia

In accordance with your written instructions, H.P. White Laboratory, Inc. conducted Ballistic Resistance Testing of one armor plate sample received 12 December 2014 via DHL.

Testing was conducted in accordance with your instructions and the abbreviated provisions of NJ-STD-0101.04, Level III, using 7.62x51mm, 147 grain, M80 ammunition. The test samples were mounted on an indoor range 50.0 feet from the muzzle of a test barrel to produce zero degree obliquity impacts. Velocity screens were positioned at 40.2 and 45.2 feet which, in conjunction with dual clapped time counters (strobographs), were used to compute projectile velocities 42.7 feet from the muzzle. Table I presents a summary of the attached data records.

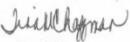
TABLE I SUMMARY OF RESULTS

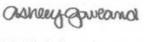
Test Sample			Ballistic Threat			Results		
Conditioning	Sample Number	Weight (lbs)	Caliber	Obliquity (degrees)	Shots	Velocity (fps) Max. Min	Penetrations	Deformation (mm) (a)
Wet	S-JEL STA	3.61	7.62, M80	0	6	2783 2752	0	43/42

(a) Deformation of 5.5 inch thick clay backing; maximum permissible deformation: 44mm.

This report is based on data obtained from having tested only the sample submitted, and should NOT be interpreted as an endorsement by H.P. White Laboratory, Inc. of the continuing quality, or performance, of any other items of the same, or similar, design.

The test sample will be returned. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Prepared by
H.P. White Laboratory, Inc.

Tina Chaffman

Reviewed By
H.P. White Laboratory

Ashley Gowland

RESEARCH • DEVELOPMENT • ENGINEERING

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Test Report

BJZ(2017) 0062

Name: Ballistic Insert

Type: A-3E⁺STA

Test Sort: Commission Test

Client: Newtech Advance Material Technologies (Wuxi) Co.,Ltd.

Date: Feb. 20, 2017
Test Center of Ordnance and Equipment Research Institute, China Ordnance and Equipment Group

Quality Supervision and Inspection Center for Special Production of China Ordnance and Equipment

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