



# CALIBER ARMOR



## Ballistic Body Armor IIIA-IV

Be Prepared for Anything  
Proudly American Made

# Our Mission

Be Prepared for Anything



Caliber Armor is dedicated to providing the very best ballistic body armor options to our customers. Different missions call for different armor systems. We proudly manufacture all of our body armor here in our facility in Louisville, Kentucky. We do not cut corners or use sub par materials to save a few dollars, because your life depends on it!

Caliber Armor offers body armor, tactical armor, duty gear, firearms accessories and protective gear. We serve law enforcement, security and military markets worldwide.

We are committed to focusing on the customer first and are here to assist in anyway possible during and after your purchase.

Our product lines protect law enforcement, military and security professionals. We are proud of who we are and what we do.

We inovate with a customer focused approach, and continously seek new oportunites to serve the men and woman who protect us.

# Be Prepared for Anything with Caliber AR550, CaliberX and our Maritime UHMWPE Body Armor Options



Level III+ AR550 Armor  
Multi-Hit Rated

- Available in 8×10 in (203 x 254 mm), 10×12 in (254 x 305 mm) and 11×14 in (279 x 356 mm) Shooters Cut and 10×12 in (254 x 305 mm) SAPI Style Cut
- Ergonomic Multi-Curve design at no extra cost
- Advanced Anti-Spall Coating
- Multi-Hit High Velocity Rated
- Thin Low Profile
- 20 Year Shelf Life
- Proudly made in the U.S.A



CaliberX IIIA Soft Armor  
Ultra Thin and Light

- Available in 8×10 in (203 x 254 mm), 10×12 in (254 x 305 mm) and 11×14 in (279 x 356 mm)
- SAPI style cut
- Lightweight, Ultra Thin CaliberX™ Materials
- Waterproof
- Interior sewn together for longevity
- TSA Approved
- Proudly made in the U.S.A



Maritime UHMWPE  
Bouyant Natural III Armor

- Available in 9.5 x12.5 in (241.3 x 317.5 mm) and 10.5 x 13.5 in (266.7 x 342.9 mm) Shooters Cut
- Bouyant UHMWPE Material
- Lightweight
- Durable Waterproof Polyurea Coating
- Multi-Hit Rated
- High Performance
- Proudly made in the U.S.A

# TECHNICAL SPECIFICATIONS CaliberX™ Soft Armor



## STAND ALONE BALLISTIC INSERTS

NIJ-STD-0101.06 Level IIIA and NIJ-STD-0101.07(draft) HG2

**THINNESS: .19" (4.82 mm)**

**AREAL DENSITY: 1.14 lbs/ft² (5.5 kg/m²)**

CONCEALMENT - SOFT ARMOR

PART NUMBER	SIZE	WEIGHT
CALX-C2-S	SMALL	3.33 lb (1.51 kg)
CALX-C3-M	MEDIUM-LARGE	4 lb (1.81 kg)
CALX-C4-L	LARGE - XXL	5.67 lb (2.57 kg)



EXTRA SMALL, EXTRA LARGE AND CUSTOM SIZING IS AVAILABLE

**MANUFACTURING TOLERANCES:**

Thickness dimensions are +/- .01 in (.254 mm) Width and length dimensions are +0.00 to 0.125 in (3.175mm). All weights are +/- 1%.

MODEL NUMBER	LEAD CORE			
	357 SIG - FMJFN Max Velocity 1488 ft/s (454 m/s)	.44 MAG - SJHP Max Velocity 1459 ft/s (445 m/s)	9mm - FMJ RN* Max Velocity 1491 ft/s (454 m/s)	.44 MAG - JHP* Max Velocity 1461 ft/s (445 m/s)
CaliberX™ Soft Armor	6	6	6	6

\* NIJ LEVEL HG2 THREAT

**CALIBER ARMOR BALLISTIC RESISTANCE TESTING PROTOCOL:**

All testing was conducted on an indoor range at ambient conditions, in accordance with our instructions and the modified provisions of:  
**NIJ-STD-0101.06, Level IIIA.** Testing was conducted using caliber .357 SIG, FMJFN, 125 grain and .44 MAG, SJHP, 240 grain ammunition. The test samples were positioned 17.3 feet (5.27m) from the muzzle of the barrel to produce zero (0°), thirty (30°) and forty-five (45°) degree obliquity impacts. Photoelectric infrared screens were located at 6.5 feet (1.98 m) and 11.5 feet (3.5 m) which, in conjunction with electronic chronographs, were used to compute bullet velocities at 9.0 feet (2.74 m) forward of the muzzle. Penetrations are determined by visual examination of the 5.5-inch (139.7 mm) thick clay backing material. Back-face signature was measured using a calibrated digital depth gauge.  
**NIJ-STD-0101.07 DRAFT, HG2.** Testing was conducted using caliber 9mm FMJ RN, 124 grain and .44 MAG JHP, 240 grain ammunition. The test samples were positioned 15.03 feet (4.58 m) from the muzzle of the barrel to produce zero (0°), thirty (30°) and forty-five (45°) degree obliquity impacts. Photoelectric infrared screens were located at 5.33 feet (1.62 m) and 4.64 feet (1.41 m) which, in conjunction with electronic chronographs, were used to compute bullet velocities at 10.0 feet (3.04 m) forward of the muzzle. Penetrations are determined by visual examination of the 5.5-inch (139.7 mm)-thick clay backing material. Back-face signature was measured using a calibrated digital depth gauge.

**GENERAL INFORMATION**

Lightweight CaliberX™ design made with Dupont ballistic materials. Multi-shot rated on selected threats. Finished with ultrasonically welded water resistant ripstop material. Made in the U.S.A

**NIJ STANDARD-0101.06 IIIA and 0101.07 Draft HG2**

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard- 0101.06 plus tested to the new draft ballistic NIJ Standards of 0101.07 HG2

**EXPORT CONTROL ADVISORY**

Model CALX may be subject to the Export Administration Regulations (EAR). It may not be sold or otherwise provided to any non-U.S. Person and/or exported or re-exported without a valid U.S. Department of Commerce BIS Export License, or applicable EAR license Exception.

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**QUALITY STANDARDS**

Caliber Armor operates a documented quality management system to ensure the highest caliber armor available. Raw materials are tested prior to production and finished products are tested in credited ballistic laboratories.

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Louisville, KY 40213 - United States  
Telephone: 502-467-8009 - sales@caliberarmor.com



caliberarmor.com

# TECHNICAL SPECIFICATIONS CaliberX™ Soft Armor



STAND ALONE BALLISTIC INSERT OR BACKER

NIJ-STD-0101.06 Level IIIA and NIJ-STD-0101.07(draft) HG2

**THINNESS: .19" (4.82 mm)**

**AREAL DENSITY: 1.14 lbs/ft<sup>2</sup> (5.5 kg/m<sup>2</sup>)**

SAPI STYLE CUT - SOFT ARMOR -TORSO PANEL

PART NUMBER	WIDTH x LENGTH	WEIGHT
CALX-1114	11 x 14 in (279 x 356 mm)	1.25 lb (.566 kg)
CALX-1012	10 x 12 in (254 x 305 mm)	15.8 oz (.447 kg)
CALX-0810	8 x 10 in (203 x 254 mm)	15 oz (.425 kg)

**MANUFACTURING TOLERANCES:**

Thickness dimensions are +/- .01 in (.254 mm) Width and length dimensions are +0.00 to 0.125 in (3.175mm). All weights are +/- 1%.



**THREAT PERFORMANCE MATRIX**

MODEL NUMBER	LEAD CORE			
	.357 SIG - FMJFN Max Velocity 1488 ft/s (454 m/s)	.44 MAG - SJHP Max Velocity 1459 ft/s (445 m/s)	9mm - FMJ RN* Max Velocity 1491 ft/s (454 m/s)	.44 MAG - JHP* Max Velocity 1461 ft/s (445 m/s)
CaliberX™ Soft Armor	6	6	6	6

\* NIJ LEVEL HG2 THREAT

**CALIBER ARMOR BALLISTIC RESIISTANCE TESTING PROTOCOL:**

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**NIJ-STD-0101.06, Level IIIA.** Testing was conducted using caliber .357 SIG, FMJFN, 125 grain and .44 MAG, SJHP, 240 grain ammunition. The test samples were positioned 17.3 feet (5.27m) from the muzzle of the barrel to produce zero (0°), thirty (30°) and forty-five (45°) degree obliquity impacts. Photoelectric infrared screens were located at 6.5 feet (1.98 m) and 11.5 feet (3.5 m) which, in conjunction with electronic chronographs, were used to compute bullet velocities at 9.0 feet (2.74 m) forward of the muzzle. Penetrations are determined by visual examination of the 5.5-inch (139.7 mm) thick clay backing material. Back-face signature was measured using a calibrated digital depth gauge.  
**NIJ-STD-0101.07 DRAFT, HG2.** Testing was conducted using caliber 9mm FMJ RN, 124 grain and .44 MAG JHP, 240 grain ammunition. The test samples were positioned 15.03 feet (4.58 m) from the muzzle of the barrel to produce zero (0°), thirty (30°) and forty-five (45°) degree obliquity impacts. Photoelectric infrared screens were located at 5.33 feet (1.62 m) and 4.64 feet (1.41 m) which, in conjunction with electronic chronographs, were used to compute bullet velocities at 10.0 feet (3.04 m) forward of the muzzle. Penetrations are determined by visual examination of the 5.5-inch (139.7 mm)-thick clay backing material. Back-face signature was measured using a calibrated digital depth gauge.

**GENERAL INFORMATION**

Lightweight CaliberX™ design made with Dupont ballistic materials. Multi-shot rated on selected threats. Finished with ultrasonically welded water resistant ripstop material. Made in the U.S.A

NIJ STANDARD-0101.06 IIIA and 0101.07 Draft HG2

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard- 0101.06 plus tested to the new draft ballistic NIJ Standards of 0101.07 HG2

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# TECHNICAL SPECIFICATIONS AR550 STEEL ARMOR



## STAND ALONE MULTI-CURVE BALLISTIC INSERT

NIJ-STD-0101.06 Level III+

THINNESS: .5" (12.7 mm) WITH ANTI-SPALL COATING

SHOOTERS CUT - HARD ARMOR - TORSO PANEL  
MULTI-CURVE

PART NUMBER	WIDTH x LENGTH	WEIGHT
AR550-1012-SPC	10 x 12 in (254 x 305 mm)	8.5 lb (3.855 kg)
AR550-0810-SPC	8 x 10 in (203 x 254 mm)	5.4 lb (2.449 kg)
AR550-1114-SPC	11 x 14 in (279 x 356 mm)	9.7 lb (4.399 kg)



MANUFACTURING TOLERANCES SPC PLATES:  
Thickness dimensions are +.1/16 in (.062 mm). Width and length dimensions are +0.00 to 0.25 in (6.35 mm). All weights are +- 5% on SPC plates.

## THREAT PERFORMANCE MATRIX

MODEL NUMBER	LEAD CORE			
	7.62 x .51mm M80 Ball, FMJ Max Velocity 2780 ft/s (847 m/s)	7.62 x .39mm 120.5 gr* Max Velocity 2380 ft/s (725 m/s)	5.56mm M193 BT Max Velocity 3150 ft/s (960 m/s)	5.56mm M855 BT* Max Velocity 3115 ft/s (949 m/s)
AR550-1012-SPC	6	6	6	6

\* NIJ LEVEL RF2 THREAT

## CALIBER ARMOR BALLISTIC RESISTANCE TESTING PROTOCOL:

All testing was conducted on an indoor range at ambient conditions, in accordance with our instructions and the modified provisions of:  
**NIJ-STD-0101.06, Level III.** Testing was conducted using caliber .762 x 51mm, M80 Ball, 149 grain ammunition. The test sample was positioned 25 feet (7.62 m) from the muzzle of the barrel to produce zero (0°) obliquity impacts. Photoelectric infrared screens were located at 10.20 feet (3.1 m) and 15.53 feet (4.7 m) which, in conjunction with electronic chronographs, were used to compute bullet velocities at 12.86 feet (3.91 m) forward of the muzzle. The striking velocity was computed using standard drag formulas. Penetrations are determined by visual examination of the 5.5-inch (139.7 mm) thick clay backing material witness plate. Back-face signature was measured using a calibrated digital depth gauge.  
**NIJ-STD-0101.07 DRAFT, RF2.** Testing was conducted using caliber 7.62 X 39mm Surrogate, 123 grain, 5.56mm, M855 BT, 62 grain, 7.62 X 51mm, M80 Ball, 149 grain, and 5.56mm, M193, 56 grain ammunition. The test samples were positioned 25 feet from the muzzle of the barrel to produce zero (0°) degree obliquity impacts. Photoelectric infrared screens were located at 10.20 feet (3.1 m) and 15.53 feet (4.7 m) which, in conjunction with electronic chronographs, were used to compute bullet velocities at 12.86 feet (3.91 m) forward of the muzzle. The striking velocity was computed using standard drag formulas. Penetrations are determined by visual examination of the 5.5-inch (139.7 mm)-thick clay backing material. Back-face signature was measured using a calibrated digital depth gauge.

## GENERAL INFORMATION

Caliber Armor AR550 Body Armor design made with AR550 ballistic steel. Multi-shot rated. Finished with either a standard coating to avoid corrosion or our specially formulated Anti-Spall Protective Coating Developed by Caliber Armor. Made in the U.S.A

NIJ STANDARD-0101.06 III and 0101.07 Draft RF2 Tested and verified to meet ballistic resistance as specified under NIJ Standard- 0101.06 plus special threat tested to the new draft ballistic NIJ Standards of 0101.07 RF2

## EXPORT CONTROL ADVISORY

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# TECHNICAL SPECIFICATIONS

## AR550 STEEL ARMOR



### STAND ALONE MULTI-CURVE BALLISTIC INSERT

NIJ-STD-0101.06 Level III+

THINNESS: .25" (6.35 mm) STANDARD

SHOOTERS CUT - HARD ARMOR - TORSO PANEL  
MULTI-CURVE

PART NUMBER	WIDTH x LENGTH	WEIGHT
AR550-1012	10 x 12 in (254 x 305 mm)	7.5 lb (3.401 kg)
AR550-0810	8 x 10 in (203 x 254 mm)	4.9 lb (2.222 kg)
AR550-1114	11 x 14 in (279 x 356 mm)	8.7 lb (3.946 kg)



MANUFACTURING TOLERANCES SPC PLATES:  
Thickness dimensions are +1.03 in. Width and length dimensions are +0.00 to 0.05 in. All weights are +- .05% on SPC plates.

### THREAT PERFORMANCE MATRIX

MODEL NUMBER	LEAD CORE			
	7.62 x 51mm M80 Ball - FMJ Max Velocity 2780 ft/s (847 m/s)	7.62 x 39mm 120.5 gr* Max Velocity 2380 ft/s (725 m/s)	5.56mm M193 BT Max Velocity 3150 ft/s (960 m/s)	5.56mm M855 BT* Max Velocity 3115 ft/s (949 m/s)
AR550-1012	6	6	6	6

\* NIJ LEVEL RF2 THREAT

### CALIBER ARMOR BALLISTIC RESISTANCE TESTING PROTOCOL:

All testing was conducted on an indoor range at ambient conditions, in accordance with our instructions and the modified provisions of:  
**NIJ-STD-0101.06, Level III.** Testing was conducted using caliber .762 x 51mm, M80 Ball, 149 grain ammunition. The test sample was positioned 25 feet from the muzzle of the barrel to produce zero (0°) obliquity impacts. Photoelectric infrared screens were located at 10.20 feet and 15.53 feet which, in conjunction with electronic chronographs, were used to compute bullet velocities at 12.86 feet forward of the muzzle. The striking velocity was computed using standard drag formulas. Penetrations are determined by visual examination of the 5.5-inch-thick clay backing material witness plate. Back-face signature was measured using a calibrated digital depth gauge.  
**NIJ-STD-0101.07 DRAFT, RF2.** Testing was conducted using caliber 7.62 X 39mm Surrogate, 123 grain, 5.56mm, M855 BT, 62 grain, 7.62 X 51mm, M80 Ball, 149 grain, and 5.56mm, M193, 56 grain ammunition. The test samples were positioned 25 feet from the muzzle of the barrel to produce zero (0°) degree obliquity impacts. Photoelectric infrared screens were located at 10.20 feet and 15.53 feet which, in conjunction with electronic chronographs, were used to compute bullet velocities at 12.86 feet forward of the muzzle. The striking velocity was computed using standard drag formulas. Penetrations are determined by visual examination of the 5.5-inch-thick clay backing material. Back-face signature was measured using a calibrated digital depth gauge.

### GENERAL INFORMATION

Caliber Armor AR550 Body Armor design made with AR550 ballistic steel. Multi-shot rated. Finished with either a standard coating to avoid corrosion or our specially formulated Anti-Spall Protective Coating developed by Caliber Armor. Made in the U.S.A

NIJ STANDARD-0101.06 III and 0101.07 Draft RF2 Tested and verified to meet ballistic resistance as specified under NIJ Standard- 0101.06 plus special threat tested to the new draft ballistic NIJ Standards of 0101.07 RF2

### EXPORT CONTROL ADVISORY

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# Caliber Level III Maritime Armor

NIJ-STD-0101.06 Level III STAND ALONE MULTI-CURVE BALLISTIC INSERT

**THINNESS: 1" (25.4 MM)**

SHOOTERS CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
19-UHMWPE-M	9.5 x 12.5 in (234.95 x 317.5 mm)	3.5 lb (1.59 kg)
19-UHMWPE-L	10.5 x 13.5 in (255.7 x 342.9 mm)	4.2 lb (1.90 kg)



MANUFACTURING TOLERANCES SPC PLATES:  
Thickness dimensions are +1/8 in (3.175 mm). Width and length dimensions are +0.00 to 0.1835 in (0.00 to 6.35 mm) All weights are +/- 5%.

## THREAT PERFORMANCE MATRIX

MODEL NUMBER	LEAD CORE		MILD STEEL CORE
	5.56 x 45 mm - M193 Max Velocity 3150 f/s (960 m/s)	7.62 x 51 mm - M80* Max Velocity 2780 f/s (847 m/s)	7.62 x 39 mm - M56 Max Velocity 2380 f/s (725 m/s)
19-UHMWPE-M	6	6	6
19-UHMWPE-L	6	6	6

### CALIBER ARMOR BALLISTIC RESIISTANCE TESTING PROTOCOL:

All testing was conducted on an indoor range at ambient conditions, in accordance with our instructions and the modified provisions of:  
**NIJ-STD-0101.06, Level III.** Testing was conducted using caliber .762 x 51mm, M80 Ball, 149 grain ammunition. The test sample was positioned 25 feet from the muzzle of the barrel to produce zero (0°) obliquity impacts. Photoelectric infrared screens were located at 10.20 feet and 15.53 feet which, in conjunction with electronic chronographs, were used to compute bullet velocities at 12.86 feet forward of the muzzle. The striking velocity was computed using standard drag formulas. Penetrations are determined by visual examination of the 5.5-inch-thick clay backing material witness plate. Back-face signature was measured using a calibrated digital depth gauge.

\* NIJ LEVEL III CERTIFICATION THREAT

### GENERAL INFORMATION

Caliber Armor Maritime Body Armor design made with ballistic UHMWPE. Multi-shot rated. Finished with advanced formulated Polyurea Protective Coating. Buoyant. Made in the U.S.A

### NIJ STANDARD-0101.06 III

Tested and verified to meet ballistic resistance as specified under NIJ Standard- 0101.06 plus special threat tested to the new draft ballistic NIJ Standards of 0101.07 RF1

### EXPORT CONTROL ADVISORY

Model UHMWPE is subject to the Export Administration Regulations (EAR). It may not be sold or otherwise provided to any non-U.S. Person and/or exported or re-exported without a valid U.S. Department of Commerce BIS Export License, or applicable EAR license Exception.

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