

## Gentex TBH-III A Mission Configured Helmet System:

### Shell Weights:

Shell Weight (Shell with Paint & Edge Band)	Small	Medium	Large	X-Large
Low Cut	2.46 lbs. (1115 g)	2.59 lbs. (1175 g)	2.73 lbs. (1240 g)	2.93 lbs. (1330 g)
Mid Cut	2.37 lbs. (1075 g)	2.50 lbs. (1135 g)	2.59 lbs. (1175 g)	2.82 lbs. (1280 g)
High Cut	2.14 lbs. (970 g)	2.29 lbs. (1040 g)	2.39 lbs. (1085 g)	2.63 lbs. (1195 g)

- III A protection (9mm 124gr FMJ RN at 1400 fps and .44 magnum 240 gr SWC GC at 1400 fps)
- Has add ons attached (skeleton shroud, skeleton ARC rails)
- Various suspension and retention systems available (Zorbium Action padding with H-nape, Zorbium Action padding with OCC-dial, Ops-Core 360 liner with H-nape)
- Made from monolithic woven aramid fibers
- As of now costs \$640 from ownthenight.com or \$871.50–\$926.10 from tncv.com

## Galvion A-Series Helmets:

	SMALL	MEDIUM	LARGE	X-LARGE
<b>CIRCUMFERENCE</b>	20 ¼ - 22 in (515 - 560 mm)	21 ¼ - 23 in (540 - 585 mm)	22 - 23 ⅞ in (560 - 605 mm)	23 - 24 ¾ in (585 - 630 mm)
<b>COVERAGE (FULL CUT)</b>	163 in <sup>2</sup> (1050 cm <sup>2</sup> )	174 in <sup>2</sup> (1124 cm <sup>2</sup> )	183 in <sup>2</sup> (1180 cm <sup>2</sup> )	199 in <sup>2</sup> (1286 cm <sup>2</sup> )
<b>WEIGHT (FULL CUT SHELL)</b>	2.66 lbs (1.21 kg)	2.81 lbs (1.27 kg)	2.96 lbs (1.34 kg)	3.31 lbs (1.50 kg)
<b>WEIGHT (FULL CUT SYSTEM)</b>	3.20 lbs (1.45 kg)	3.36 lbs (1.52 kg)	3.53 lbs (1.60 kg)	3.89 lbs (1.76 kg)
<b>WEIGHT (MID CUT SYSTEM)</b>	3.08 lbs (1.40 kg)	3.25 lbs (1.47 kg)	3.46 lbs (1.57 kg)	3.81 lbs (1.73 kg)
<b>WEIGHT (HIGH CUT SYSTEM)</b>	2.96 lbs (1.34 kg)	3.12 lbs (1.42 kg)	3.27 lbs (1.48 kg)	3.66 lbs (1.66 kg)

- III A protection (9mm at 1400 fps and .44 magnum 240 gr SWC GC at 1400 fps)
- Has add ons readily available (Viper NVG shroud, rails)
- Comes with 7-Pad suspension system and Viper H-nape retention system, or Viper modular suspension system
- Made from monolithic aramid
- As of now costs \$525.14-\$786.96 from galvian.com, \$550-\$725 from ownthenight.com, or \$581.41 without accessories from tncv.com

## Crye Airframe Helmet:

### WEIGHTS

- MD: 2.30 lbs.
- LG: 2.55 lbs.
- XL: 2.75 lbs.

- ~II protection (9mm 124gr FMJ at 1195 fps)
- High cut
- Has add ons available (ballistic chops, ballistic ears, rails)
- Can be drilled at the factory for 3 hole or 4 hole NVG shrouds
- Comes with 9 foam pad suspension system and H-nape style retention system
- Most likely made of aramid material
- Another variant (Crye Airframe ATX) is slightly heavier and offers IIIA protection
- As of now costs \$1092.70 on cryeprecision.com, or \$1,092.70–\$1,132.00 from tnvc.com

## Ops-Core FAST LE Helmet:

### SHELL WEIGHT

Available Sizes	Medium	Large	X-Large	XX-Large
<b>FAST LE Shell Weight</b> (Shell with Paint & Edge Band)	2.14 lbs (969 g)	2.39 lbs (1085 g)	2.61 lbs (1184 g)	2.77 lbs (1258 g)

- IIIA protection (9mm FMJ/ .44 magnum at 1,400 ft/s)
- High cut
- Has add ons attached (skeleton shroud, ARC rails)
- Comes with EPP padding suspension system with OCC-dial or worm dial retention system
- Made from monolithic aramid
- As of now costs \$975 from ownthenight.com, or \$1,062.60 from tnvc.com

### Highcom ULACH Series Helmets:

Size/Helmet Cut	Full cut	Mid cut	High cut
S	2.0 lbs/0.9 kg	1.8 lbs/0.8 kg	1.7 lbs/0.8 kg
M	2.1 lbs/1.0 kg	2.0 lbs/0.9 kg	1.8 lbs/0.8 kg
L	2.3 lbs/1.0 kg	2.1 lbs/1.0 kg	2.0 lbs/0.9 kg
XL	2.5 lbs/1.1 kg	2.3 lbs/1.1 kg	2.2 lbs/1.0 kg

- IIIA protection (.44 magnum SJHP at 1400 fps)
- Has add ons available (Wilcox L4 NVG shroud, rails)
- Comes with D3O TRUST 7 Pad suspension system and Striker ratchet dial or X-nape style retention system
- Made from UHMWPE Spectra fibers and thermoset resin shell construction
- As of now costs \$656.00 from [tristatearmor.com](http://tristatearmor.com), \$725.40–\$760.50 from [armorexchange.com](http://armorexchange.com), \$849 from [apexarmorsolutions.com](http://apexarmorsolutions.com) (with rails and NVG shroud), or \$865-\$1,281.67 from [danasafety.com](http://danasafety.com)

### Galvian P-Series Helmets:

	SMALL	MEDIUM	LARGE	X-LARGE
<b>CIRCUMFERENCE</b>	20 ¼ - 21 ½ in (515 - 546 mm)	21 - 22 ¼ in (535 - 568 mm)	21 ¾ - 23 ½ in (555 - 595 mm)	22 ¾ - 24 ½ in (575 - 620 mm)
<b>COVERAGE (FULL CUT)</b>	155 in <sup>2</sup> (1000 cm <sup>2</sup> )	161 in <sup>2</sup> (1039 cm <sup>2</sup> )	173 in <sup>2</sup> (1116 cm <sup>2</sup> )	185 in <sup>2</sup> (1194 cm <sup>2</sup> )
<b>WEIGHT (FULL CUT SHELL)</b>	1.86 lbs (0.84 kg)	1.90 lbs (0.86 kg)	2.05 lbs (0.93 kg)	2.41 lbs (1.09 kg)
<b>WEIGHT (FULL CUT SYSTEM)</b>	2.77 lbs (1.26 kg)	2.81 lbs (1.27 kg)	2.98 lbs (1.35 kg)	3.38 lbs (1.53 kg)
<b>WEIGHT (MID CUT SYSTEM)</b>	2.67 lbs (1.21 kg)	2.68 lbs (1.21 kg)	2.87 lbs (1.30 kg)	3.27 lbs (1.48 kg)
<b>WEIGHT (HIGH CUT SYSTEM)</b>	2.56 lbs (1.16 kg)	2.57 lbs (1.17 kg)	2.74 lbs (1.24 kg)	3.07 lbs (1.39 kg)

- IIIA protection (.357 SIG at 1470 fps and .44 magnum 240 gr SJHP at 1430 fps)
- Has add ons readily available (Viper NVG shroud, rails)
- Comes with 7-Pad suspension system and Viper H-nape retention system, or Viper modular suspension system
- Made from UHMWPE
- As of now costs \$1078.41-\$1219.08 from [galvion.com](http://galvion.com)

**Team Wendy EXFIL Ballistic Helmet:**

**Weight**

SIZE	COMPLETE SYSTEM	SHELL
SIZE 1 (M/L)	2.6 lbs (1.18 kg)	1.75 lbs (0.79 kg)
SIZE 2 (XL)	2.75 lbs (1.25 kg)	1.8 lbs (0.84 kg)

- IIIA protection (9mm FMJ RN at 1400 fps)
- High cut
- Has add ons attached (Wilcox W shroud, EXFIL rails 2.0 or 3.0)
- Comes with 16 customizable Zorbium comfort pad suspension system and boltless CAM FIT dial retention system
- Made of “polyethylene and other fibers in a proprietary secure fit”
- As of now costs \$1109-\$1309 from opticsplanet.com, \$1,099.98-\$1,199.98 from steeleindustries.com, \$1,175.69 from botach.com, \$1180 from ownthenight.com, or \$1205.08 from teamwendy.com

**Ops-Core Sentry XP Helmet:**

SHELL WEIGHT

Available Sizes	Medium	Large	X-Large	XX-Large
<b>Sentry Shell Weight</b> (Shell with Paint & Edge Band)	1.92 lbs (869 g)	2.03 lbs (921 g)	2.11 lbs (958 g)	2.28 lbs (1034 g)

- IIIA protection (9mm 124 Gr FMJ at 1400 fps)
- Mid cut
- Has add ons attached (skeleton shroud, ARC rails)
- Comes with EPP padding suspension system with worm dial retention system
- Made from carbon, unidirectional polyethylene and woven aramid
- As of now costs \$1765 from gentexcorp.com, or \$1,765-\$1,860 from tnvc.com

## Ops-Core FAST XP Helmet:

### SHELL WEIGHT

Available Sizes	Medium	Large	X-Large	XX-Large
<b>FAST XP Shell Weight</b> (Shell with Paint & Edge Band)	1.68 lbs (764 g)	1.88 lbs (853 g)	2.01 lbs (913 g)	2.18 lbs (989 g)

- IIIA protection (9mm 124 Gr FMJ at 1400 fps)
- High cut
- Has add ons attached (skeleton shroud, ARC rails)
- Comes with EPP padding suspension system with worm dial retention system, or vented lux liner suspension system with OCC-dial retention system
- Made from carbon, unidirectional polyethylene and woven aramid
- As of now costs \$999.98 from botach.com, \$1050 from armsunlimited.com, \$1,400 from ownthenight.com, \$1,601.25–\$1,770.00 from tnvc.com, or \$1675 from gentexcorp.com

## Galvian Ballistic Helmet System:

	SMALL	MEDIUM	LARGE	X-LARGE	XX-LARGE
<b>CIRCUMFERENCE</b>	20 ¾ - 22 ¼ in (527 - 565 mm)	22 - 23 ¼ in (559 - 603 mm)	22 ¾ - 24 in (578 - 610 mm)	23 ½ - 24 ¾ in (597 - 629 mm)	24 ¼ - 25 ¾ in (616 - 654 mm)
<b>COVERAGE</b>	154 in <sup>2</sup> (994 cm <sup>2</sup> )	162 in <sup>2</sup> (1045 cm <sup>2</sup> )	171 in <sup>2</sup> (1103 cm <sup>2</sup> )	185 in <sup>2</sup> (1194 cm <sup>2</sup> )	207 in <sup>2</sup> (1335 cm <sup>2</sup> )
<b>WEIGHT (SHELL)</b>	1.47 lbs (0.67 kg)	1.53 lbs (0.69 kg)	1.61 lbs (0.73 kg)	1.77 lbs (0.80 kg)	1.92 lbs (0.87 kg)
<b>WEIGHT (SYSTEM)</b>	2.31 lbs (1.05 kg)	2.38 lbs (1.08 kg)	2.49 lbs (1.13 kg)	2.71 lbs (1.23 kg)	2.89 lbs (1.31 kg)

- IIIA protection (9mm/ .44 MAG SWC GC at 1450 fps)
- High cut
- Has add ons attached (Viper NVG shroud, rails)
- Comes with 7-Pad suspension system and Viper H-nape retention system, or Viper modular suspension system
- Made from UHMWPE
- As of now costs \$1,749.99 from armorexchange.com or \$1863.93 from galvion.com

## Team Wendy EXFIL Ballistic SL Helmet:

### Weight

SIZE	COMPLETE SYSTEM	SHELL
SIZE 1 (M-L)	2.22 lbs (1.01 kg)	1.51 lbs (0.685 kg)
SIZE 2 (XL)	2.31 lbs (1.05 kg)	1.59 lbs (0.725 kg)

-II protection (9mm FMJ RN at 1195 fps)

-High cut

-Has add ons attached (Wilcox SL NVG shroud, EXFIL 3.0 rails)

-Comes with Zorbium foam suspension system and CAM FIT retention system

-Made of “polyethylene and other fibers in a proprietary composite matrix”

-As of now costs \$1,499.98–\$1,545.98 from steeleindustries.com, \$1545 from ownthenight.com, \$1545.70–\$1645.70 on botach.com, \$1559 from opticsplanet.com, or \$1584.35 from teamwendy.com

## Ops-Core FAST SF Helmet:

### SHELL WEIGHT

Available Sizes **	Medium	Large	X-Large	XX-Large
FAST SF Shell Weight (Shell with Paint & Edge Band)	1.39 lbs (630g)	1.44 lbs (655g)	1.65 lbs (750g)	1.72 lbs (780g)

-II protection (9mm 124 Gr FMJ at 1195 fps)

-Super high cut

-Has add ons attached (MBS NVG shroud, skeleton ARC rails)

-Comes with vented lux liner suspension system with OCC-dial retention system

-Made from carbon, unidirectional polyethylene and woven aramid

-As of now costs \$1800 from ownthenight.com, \$1,860.60–\$2,095 from tnvc.com, or \$2000 from gentexcorp.com

## Rifle Rated Helmets

### Notes:

-All of these helmets are weak to steel tipped or cored projectiles, such as the M855 projectile. These helmets are best used for MSC 7.62x39 threats or lesser but some have been proven to stop M80 at full velocity. May or may not stop common lead core 5.56 ammunition.

-All are primarily made from UHMWPE, and the backface deformation on rifle threats would be very high but you may survive the hit. The difference between these and standard IIIA helmets are that these are quite thicker.

-The high cut ECH also exists but as of now is impossible to find commercially

-There are higher rated helmets that can stop M855 such as the Diamond Age Bastion helmet with the ballistic add on, or the Ares Protection level IV helmet, which is supposedly capable of stopping M2 AP at 2880 fps. You will never be able to find one for sale though.

### **Enhanced Combat Helmet:**

- ~III protection, has capabilities to stop M43 and M80 threats (may stop M193?)
- Full cut
- 3.25-3.61 lbs
- Add ons are quite difficult to find but do exist, common ACH rails may not work because the helmet is in a different cut with different hardware
- Standard configuration comes with a NVG shroud, 7 pad suspension system, ECH IRS (improved retention system for ECH)
- Made of UHMWPE
- As of now full helmet setup can be found used for ~\$400-\$700, \$300 if lucky

### **Integrated Head Protection System (IHPS):**

- Probably same protection level as ECH, if not a bit higher
- Unique mid cut? Idk look at it yourself and tell me what cut it is
- Compatible with uparmor applique that is supposedly able to stop 7.62x54R 7n1 :0
- Also compatible with a mandible and eyeshield, most likely rated for frag or pistol threats only
- Comes with proprietary NVG shroud, X-nape style retention system and 7 pad retention system
- Made of UHMWPE and carbon
- As of now full helmet setup without face protection or appliques can be found used for ~\$1000-\$2000

### **ArmorSource AS-600 Helmet:**

<b>FINISHED HELMET NOMINAL WEIGHT **</b>	<b>Medium 3.1 lbs. / 1.4 Kg; Large 3.3 lbs. / 1.48 Kg; X-Large 3.5 lbs. / 1.6 Kg</b>
<b>FULLY LOADED HIGH-CUT NOMINAL WEIGHT ***</b>	<b>Medium 3.1 lbs. / 1.43 Kg; Large 3.3 lbs. / 1.5 Kg; X-Large 3.5 lbs. / 1.61 Kg</b>

*\* Regular-cut shell \*\* A Regular-cut helmet installed with retention and suspension systems  
\*\*\* Special Command configuration: the complete kit, with ASR side-rails, NVG Shroud and  
Operational Loop System*

- ~just under III protection, has capabilities to stop M80 at 2100 fps so may stop Tyrone's 7.62x39 draco but probably nothing beyond that.
- Add ons available (Wilcox L4 NVG shroud, ASR rails)
- Comes with Team Wendy ZAP or Team Wendy Epic Air or standard 7 pad or 9 pad suspension system, and Team Wendy CAM FIT or H-nape style retention system
- Made of UHMWPE and composite material
- As of now \$949.99 from opticsplanet.com or \$1,140 from aviationsurvival.com

**Avon Protection L110 Combat II Helmet:**

FINISHED SYSTEM WEIGHT	
Size	L110 Combat II
S	~2.9 lbs (1.31 kg)
M	~3.0 lbs (1.36 kg)
L	~3.3 lbs (1.47 kg)
XL	~3.9 lbs (1.77 kg)
(includes suspension and retention systems)	

- ~just under III protection, has capabilities to stop M80 at 2200 fps so may stop Tyrone’s 7.62x39 draco but probably nothing beyond that.

-Full cut

-Add ons available (NVG shrouds, ARC rails)

-Comes with D3O Trust Stealth or Epic Air suspension system, and an H-back, X-back, or dial retention system

-Made of UHMWPE

-As of now costs \$1550 from botach.com

**Ops-Core TBH-R1 Helmet System:**

**System Weights (Size Large)**

Suspension/Retention Option	Low Cut	Mid Cut	High Cut
Ops-Core Lux Pux / Universal Occ-Dial Fitband	3.56 lbs. (1613 g)	3.48 lbs. (1579 g)	3.29 lbs. (1491 g)
Ops-Core 360 Liner / Universal Occ-Dial Fitband	3.58 lbs. (1625 g)	3.51 lbs. (1591 g)	3.31 lbs. (1503 g)

- ~just under III protection, has capabilities to stop M80 at 2400 fps so will stop most commercially available 7.62x39

-Has add ons attached (MBS NVG shroud, skeleton ARC rails)

-Comes with lux pux or 360 liner suspension system and OCC-dial retention system

-Made from carbon, UHMWPE, and woven aramid

-As of now costs \$2035 from hcctac.com, can be ordered from gentexcorp.com

## Ops-Core FAST XR Helmet System:

### SYSTEM WEIGHT

Available Sizes **	Medium	Large	X-Large	XX-Large
<b>FAST XR System Weight</b> (FAST XR Shell with Vented Lux Liner w/ Occ-Dial Universal Fitband)	2.68lbs (1214g)	2.81lbs (1275g)	3.02lbs (1268g)	3.11lbs (1409g)

- ~just under III protection, has capabilities to stop 7.62x39 at 2400 fps
- High cut
- Has add-ons attached (MBS NVG shroud, skeleton ARC rails,)
- Comes with vented lux liner suspension system with OCC-dial retention system
- Made from carbon, UHMWPE, and woven aramid
- As of now costs \$2,100 from gentexcorp.com, or \$2,100–\$2,195 from tnvc.com

## Highcom Striker Ardit (RCH) Helmet:

Weight of full cut:

SIZE & WEIGHT CHART						
SIZE	LENGTH	WIDTH	CIRCUMFERENCE	WEIGHT		
S	7.1" to 7.6"	5.6" to 6.0"	21.1" to 21.9"	1567 g	1.6 kg	3.5 lbs
M	7.6" to 7.9"	6.0" to 6.3"	21.9" to 22.7"	1631 g	1.6 kg	3.6 lbs
L	7.9" to 8.3"	6.3" to 6.5"	22.7" to 24"	1723 g	1.7 kg	3.8 lbs
XL	8.3" to 8.8"	6.5" to 7.1"	24" to 26"	1809 g	1.8 kg	4 lbs

Weight of high cut:

### Weight:

Small: 3.1lbs

Medium: 3.3lbs

Large: 3.4lbs

Extra-Large: 3.6lbs

- III protection, has capabilities to stop M193, M43 and M80 threats.
- Full cut, mid cut, and high cut options
- Has add ons available (Wilcox L4 three-hole NVG shroud, rails)
- Comes with D3O TRUST 7 Pad suspension system and X-nape style retention system
- Made of 100% UHMWPE DSM Dyneema
- As of now costs \$2,399.00-\$2,703.40 from liveactionsafety.com, \$2,579.00 with rails and NVG shroud from apexarmorsolutions.com, \$2,619.50 from armorexchange.com, or \$2,999.00 from tristatearmor.com

## Ops-Core FAST RF1 Helmet System:

### SYSTEM WEIGHT

Available Sizes **	Medium	Large	X-Large	XX-Large
<b>FAST RF1 System Weight</b> (FAST RF1 Shell with Vented Lux Liner w/ Occ-Dial Universal Fitband)	3.32lbs (1509g)	3.51lbs (1594g)	3.85lbs (1745g)	4.11lbs (1865g)

~III protection, has capabilities to stop M193, M43 and M80 threats.

-High cut

-Has add-ons attached (skeleton ARC rails, modular bungee shroud)

-Comes with vented lux liner suspension system with OCC-dial retention system

-Made from carbon, UHMWPE, and woven aramid

-As of now costs \$3249 from gntexc corp.com, \$3,250.00–\$3,345.00 from tnv.com,

### Options for helmet upgrades/add ons/replacements

#### Notes:

-Newer full helmet systems already come with very decent retention, padding and mounting systems. Older ACH's for example are the primary use for many of these.

#### VELCRO Brand Hook Disks:

-Replacement to other velcro discs or upgrade to velcro strips, allows for attachment of padding

-Can be found on Team Wendy's website for \$5.23 before shipping, also available in other online stores

### Suspension/Retention Systems

#### Notes:

-The entire purpose of the suspension system liner is to protect the head when hit, and to secure the helmet to the user, retention systems are also to secure the helmet to the user. Higher tier pads are more comfortable and allow for better airflow

-Both worm and dial type retention systems work great, it's not that much of a concern to have one over the other

-ECH's are a bit different than regular ACH or FAST style helmets, with larger (17.5mm instead of 15mm) mounting hardware

-PASGT/LWH are also different in position and hardware

-Most of these options fit on any ACH or FAST style helmet, the helmet requires velcro discs or strips to attach pads and the retention system attaches via the helmet bolts.

**Improved H-nape Retention Chinstrap for ACH or ECH:**

- Upgrade to the older style retention systems, has sliders on the front straps and I found it's much more stable and comfortable than the older style. Allows for better fit of ear pro.
- Compatible with ACH or ECH helmets, depends on what package says
- Made by many government contractors
- As of now costs \$20-\$30 online

**Team Wendy CAM FIT H-Back Retention System:**

- Similar to improved H-nape retention chinstrap
- Compatible with ACH/MICH or ECH helmets
- As of now costs \$68 from ownthenight.com, or \$71 from teamwendy.com

**Ops-Core Head-Loc 4-Point H-Nape Chinstrap:**

- Similar to improved H-nape retention chinstrap
- Compatible with ACH/MICH helmets
- As of now costs \$118 from ownthenight.com, or \$127 from gentexcorp.com

**Team Wendy CAM FIT Retention System:**

- Options for ECH, PASGT/LWH, or ACH/MICH/FAST style helmets
- Dial retention system
- As of now costs \$112 from ownthenight.com, or \$115 from teamwendy.com

**Standard ACH Pads:**

- Replaces helmet suspension
- Standard 7 pad configuration is used the most, there is another 9 pad variant though
- Possible to fit with under the helmet headsets but is not the best
- Made by various government contractors
- As of now costs ~\$20 online

**Team Wendy EPIC Air Liner System:**

- Replaces helmet suspension
- Compatible with under the helmet headsets
- Compatible with all helmets with velcro inserts
- Padding can be rearranged to fit all head shapes and sizes
- As of now costs \$104.82 from teamwendy.com

**Team Wendy Cloudline System:**

- Replaces helmet suspension
- Compatible with under the helmet headsets
- Compatible with all helmets with velcro inserts
- Padding can be rearranged to fit all head shapes and sizes
- As of now costs \$112.74 from teamwendy.com

**4D Tactical Pads:**

- Supposedly one of the best suspension systems for helmets out there
- Replaces helmet suspension
- Many variations suitable for all applications
- Compatible with all helmets with velcro inserts
- As of now costs \$74.25-\$97.50 from ownthenight.com, or \$65-\$120 from 4dtactical.com

**Ops-Core LuxPux:**

- Replaces helmet suspension
- Comes with 10 pads
- Made of the same materials as the Ops-Core Vented Lux Liner pads
- As of now costs \$99 from ownthenight.com

**Ops-Core ACH OCC-Dial EPP Kit:**

- Sold some time ago by Ops-Core but is now discontinued, can still be found online
- Replaces retention and suspension system
- Compatible with ACH helmets
- As of now costs \$60-\$180 online

**Galvion Viper Modular Suspension System (MSS):**

- Replaces retention and suspension system
- Dial-type retention system
- The suspension system utilizes a net and foam pads that are very adjustable to fit the user's head
- As of now costs \$169.99-\$197.42 from tnvc.com, \$175 from ownthenight.com, or \$197.42 from galvion.com

**Ops-Core Vented Lux Liner Kit:**

- Only works on FAST high cut or super high cut helmets
- Replaces retention and suspension system
- Comes in both OCC-dial and worm dial options
- Includes vents ☹ to help with air flow (sorry couldn't help myself)
- Compatible with FAST and similar helmets
- As of now costs \$360-\$389 from gentexcorp.com or tnvc.com

## **Rail systems**

These mounts can be used to attach lights, cameras, NVG's, hearing protection/comms, or various other accessories to the helmet. I can not confirm that ACH rails fit onto ECH helmets, I suspect that different rails are needed due to the different shape

### **HighCom Striker ACH-ARC Rail System:**

- Made specifically for ACH style helmets
- As of now costs \$105.00 from [tristatearmor.com](http://tristatearmor.com) or \$109.95 from [kellac.com](http://kellac.com)

### **Ops-Core ARC Rails:**

- There's ARC rails specifically for the ACH, FAST carbon and bump, sentry, FAST XP, and FAST MT/SF helmets
- As of now cost \$112 from [gentexcorp.com](http://gentexcorp.com), or \$135 from [tnvc.com](http://tnvc.com)

### **Galvion Viper Front Mount and Viper Interlocking Long Rails:**

- Front mount must be used to attach rails :(
- May attach to ACH-style helmets not made by Galvion, unsure though and wouldn't test it
- Full kit runs for \$185.98 from [galvion.com](http://galvion.com)

### **Team Wendy EXFIL Ballistic Rail 3.0 Retrofit Kit:**

- Attaches ONLY to EXFIL ballistic helmets
- Allows for attachment of EXFIL® Ballistic Visor and the EXFIL® Face Shield
- As of now costs \$55.19 from [teamwendy.com](http://teamwendy.com)

### **Ops-Core Skeleton ARC Rails:**

- There's skeleton ARC rails specifically for the ACH, FAST carbon and bump, sentry, FAST XP, and FAST MT/SF helmets
- Slightly lesser weight than the regular ARC rails
- As of now costs \$100-\$122 from [ownthenight.com](http://ownthenight.com), \$112-\$135 from [gentexcorp.com](http://gentexcorp.com)

## Ballistic Helmet Add Ons

Protip: Face masks that look like this:



SUCK ASS, don't use them. They don't mount to the face well, limit vision, and will fuck your face up if shot. It's better to just use ballistic visors instead.

### Notes:

- I think the only reason why somebody would want to have a ballistic mandible instead of a face shield is if they are running helmet mounted night vision devices.
- Fragmentation only appliques do exist to protect from fragmentation from grenades, IED's, ect
- Team Wendy, Ops-Core, and Galvian make ballistic mandibles that are capable of stopping common 9x19 ammo on their respective helmets. They also made face visors that are capable of stopping fragmentation that are compatible with the mandibles.
- Ops-Core and Team Wendy both make ballistic ear covers if you're into that kinda thing.

### Ops-Core Multi-Hit Handgun Face Shield:

- IIIA protection (9mm 124gr FMJ at 1,400 fps and 44 Cal Magnum 240gr SWC GC at 1,400 fps)
- Fits on all ACH/TBH, or FAST helmets ONLY via ARC rails
- 2.95 lbs
- Made of acrylic and polycarbonate material
- As of now costs \$593.70 from [gentexcorp.com](http://gentexcorp.com)

### Highcom Striker Ballistic Visor:

- Variants for II or IIIA protection, II is rated for .357 magnum JSP @ 1395 fps and IIIA is rated for .44 magnum @ 1400 fps
- Attaches to full cut PASGT or ACH style helmets with a rear lock headband
- Unknown weight but I'm guessing a a bit heavier than the Ops-Core one because of the design
- Made of "Advanced layering of polycarbonates and polyurethane in a hybridized clear visor"
- As of now costs \$449 for II variant and \$559 for IIIA variant from [apexarmorsolutions.com](http://apexarmorsolutions.com), or \$570 for either variant from [danasafety.com](http://danasafety.com)

### **Velocity Systems SLAAP Up-Armor Ballistic Rifle Plate:**

- Protects against MSC 7.62x39 2400 fps ICW standard ballistic helmets
- Attaches only to Ops-Core FAST MT and FAST helmets
- Attaches via velcro (post and ball)
- Made of UHMWPE
- As of now can be found on armsunlimited.com for \$99, :0

<https://www.armsunlimited.com/Ops-Core-Ballistic-FAST-Helmet-Rifle-Plate-p/vs-slaap.htm>

### **About Body Armor**

#### **2x RMA 1093 III+ Large Sapi-Cut Uncertified Plates:**

It hurts me using plates that are not NIJ certified, but it will have to do. RMA is a mostly reliable body armor manufacturer these days and I trust that they will protect me from my expected threats. These plates should stop all expected handgun threats and even the unexpected rifle threats. The large sapi size adequately covers my entire heart and lungs from the front, and my heart, lungs, and upper spine from the back. The SAPI cut does mildly interfere with my ability to shoulder my rifle, but after training with it I am still very capable of shouldering quickly and reliably.

#### **Body armor needed for my threats:**

I chose III+ plates because they would stop all pistol threats and my unlikely but plausible threat of M855 from a police officer or SWAT team's AR, which many pure polyethylene plates would not stop. But considering that I'm not going to combat any police or SWAT or whatever, these plates are too much. I should have gone instead for a simple concealable IIIA vest or IIIA plates for the lighter weight and probably cost savings.

#### **Body armor basics:**

(NOTE: This is body armor BASICS, there is so much more to body armor than what I'm writing here)

First I will talk about NIJ certification. NIJ or National Institute of Justice is a department of the US government involved in research, development, and evaluation of crime and justice issues. They are important in the body armor world because of a testing series they do on armor. Compliant armor that stands up to NIJ standards may become NIJ certified. There are 5 levels of NIJ 0101.06 certification which can be found here:

[https://en.wikipedia.org/wiki/List\\_of\\_body\\_armor\\_performance\\_standards#NIJ\\_armor\\_standard\\_\(United\\_States\)](https://en.wikipedia.org/wiki/List_of_body_armor_performance_standards#NIJ_armor_standard_(United_States))

(NOTE: There is a new NIJ standard coming out (0101.07) so these standards will change in the future.)

- Level IIA armor is intended to protect against 9x19 FMJ, .40 S&W FMJ, and .45 ACP FMJ at standard pistol velocities
- Level II armor is intended to protect against 9x19 FMJ at higher velocities (normally +P ammo or standard 9mm ammo out of longer barrels) and .357 magnum JSP
- Level IIIA armor is intended to protect against .357 SIG and .44 magnum SJHP (this threat level stops most handgun and shotgun threats, excluding some armor piercing variety and rare ammo types)
- Level III armor is intended to protect against at least 6 M80 FMJ (this threat level stops most lead core projectiles, besides some large core projectiles at high velocities)
- Level IV armor is intended to stop at least 1 30-06 M2AP (this threat level stops most of all available ammo to civilians and police in the US with some exceptions)

The reason why NIJ certification is important is because NIJ labs independently test ballistic armor to high standards. This link below leads to a PDF that describes these standards and testing protocols:

<https://nij.ojp.gov/library/publications/ballistic-resistance-body-armor-nij-standard-010106>  
**(INTRUDING NOTE: Armor that isn't NIJ certified can still be decent and reliable)**

NIJ certification is the only credible source that body armor stops what it is intended to stop. No amount of independent testing will ever amount to the credibility NIJ certified armor has. Many private companies refuse to do this, instead relying on people from YouTube or another website to test their plate for them. The problem with this is that it can often be rigged. The links in the description are often affiliate-links, which tempts the tester to fake the test to please the armor manufacturer. Or the armor may be built stronger than normal by the manufacturer, who wants to make sure that the test works. Sometimes the person testing it can rig it by using underpowered or faked ammunition, as it is very easy to paint the tip of a 30-06 ball round black. I'll give an example of one misleading armor test, which also happens to be the most popular armor test on youtube:

[https://www.youtube.com/watch?v=nlwIKEEJ0vU&ab\\_channel=FPSRussia](https://www.youtube.com/watch?v=nlwIKEEJ0vU&ab_channel=FPSRussia)

In this youtube video, FPSRussia tests an AR500 body armor plate, made by AR500 or their new company name Armored Republic. At one point he says he is shooting the AR500 armor plate with 5.56 FMJ, most probably M193 or a copy of M193, with a short-barreled rifle. The plate of course stops the projectile from penetrating and led many consumers to assume that the plate will stop all 5.56 ammunition, but the key factor here is that he used an SBR. Velocity is very dependent on penetrating armor, and since he used an SBR the velocity was lower than from regular rifles. As we know now, the steel armor he used is very susceptible to M193 at high

velocities, even out of a standard 16" barrel, which is the most common barrel length and ammo type for the most common rifle in the United States: the AR-15.

I would also like to point out that FPSRussia states that the anti spall coating works in the video. As we know now the anti spall coating is very ineffective at stopping shrapnel, especially when they are hit closer to the edge. The rubberized material simply does not have the capability to catch the bullet splash reliably, and often the spall cuts in between the steel and coating which may cut the coating off and send spall outwards. Even in the video it is shown that the coating came off the bottom of the plate and allowed for fragments of bullet to escape.

Secondly I will discuss armor options. Generally level IIA, II, and IIIA body armor is made out of flexible kevlar or newer UHMWPE that can wrap around the entire body, protecting the entire torso and even then some. Deltoid, neck, throat, lower back, groin, thigh and other auxiliary armor do exist but tend to not be used in most situations because they are covering non vital areas and are encumbersome. The most common form of cut for soft body armor is the BALCS/SPEAR cut, which wraps around most of the torso. These provide a decent area of protection. The problem with these is that they often limit the ability to properly shoulder a rifle because the armor gets in the way between the stock and the shoulder.

Hence, body armor plates. These bad boys cover the heart and most of the lungs and are supposed to stop bullets from immediately killing you. Heart shots can kill instantly and lung shots can end up fatal if not treated immediately, therefore it is encouraged that it is protected. Body armor plates are generally 10" x 12" or sapi cut sized, which ranges from small to extra large. Swimmer/shooter cut plates are available that trim down the top left and top right section of the plate so that it is easier to aim a rifle or put your hands forward when using a pistol. Multicurved refers to the plate having multiple curves, which helps with comfortability. In conjunction with (ICW) plates refer to the plate needing a proper IIIA or mil spec backer to safely be used. Body armor plates can range from level IIIA to level IV and even higher. Usually plates get more expensive as the armor gets thinner, lighter, and stronger.

Thirdly I will discuss body armor material, for soft flexible armor, this includes kevlar (aramid) or polyethylene armor. These work by catching the projectile and are usually found in IIIA armor or below. Body armor plates are typically made in 3 forms; UHMWPE, ceramic, and steel.

UHMWPE or ultra high molecular weight polyethene is a type of layered plastic that works just like kevlar fibers does and catches the bullet. UHMWPE plates are very light compared to the other options and offer great protection against lead-cored projectiles, but have the downside of being weak against steel projectiles like 5.56x45 M855, which has a small steel tip. Lower tier UHMWPE plates are also quite thick, which may cause problems when inserting into a plate carrier.

Ceramic plates have a ceramic strike face with a UHMWPE or aramid backer. The ceramic is usually composed of aluminum oxide, silicon carbide, or boron carbide. Aluminum

oxide is a white ceramic and is the weakest, heaviest, and cheapest of them all. Silicon carbide is a black ceramic and is stronger and lighter than aluminum oxide but more expensive. And boron carbide is also a black ceramic that is the strongest and lightest of them all, but the most expensive. Ceramic plates effectively stop many threats because the ceramic is able to break and slow down the projectile and the backing material catches the rest. To make ceramic armor more capable of stopping multiple projectiles, a tile array can be used instead of a monolithic. It's important to note that even with a monolithic ceramic array, decent ceramic plates are still multi-hit capable. The only usable level IV plates and beyond are composed of some type of ceramic.

And finally we have steel... which shouldn't even be considered an option for body armor. Never in a million years would I ever wear any steel body armor plate for the intention of stopping bullets. Here's a list of reasons why:

1: Steel armor is very heavy. For example the AR500 Heritage Plate weighs 8.5 lbs not including any add ons. The Spartan Armor Omega AR500 plate weighs 8.625 lbs also without any add ons. The only other comparable options are low tier ceramic armor like the RMA 1155, which weighs 8.3 lbs for a 10" x 12" SAPI cut. The problem with running heavy armor is that it increases the energy needed to do exercises, which will tire you much faster and may limit your ability to do exercises.

2: Steel armor is reliably penetrated by standard 5.56x45 55 gr at standard velocities. The reason why is simply because the M193 is able to put much of its force into a smaller area when it hits a plate, whereas the M855 is more spread out. There's many videos on YouTube demonstrating this, here's one for example:

[https://www.youtube.com/watch?v=8vkighPIBoc&ab\\_channel=TheChoppingBlock](https://www.youtube.com/watch?v=8vkighPIBoc&ab_channel=TheChoppingBlock)

Since the 16" AR-15 and its variants are one of the most common weapon types used by civilians and militaries today, and M193 is one of the most common ammo types, what's the point if standard target ammo penetrates them easily?

3: Steel armor is dangerous to use. When a bullet hits kevlar armor or a UHMWPE plate, the bullet is caught by the armor and doesn't deform much. With ceramic armor, the bullet is broken by the ceramic and the backing material (normally UHMWPE) catches the remaining bullet fragments. But with steel, the bullet becomes broken by the steel's sheer hardness and doesn't get absorbed, instead the bullet fragments are sent in 360° parallel to the plate. This wouldn't be that much of an issue if your neck, shoulders, thighs, and groin weren't in the way, but that is not the case. Nothing's better when you've been shot and now you have to deal with the multiple spalls that have cut through your iliac and carotid arteries. AR500 and many other companies try to mitigate this with build up liners that are supposed to catch spalling, but unfortunately they do not work as intended. An example of this can be shown from Buffman R.A.N.G.E.:

[https://www.youtube.com/watch?v=OH3I4ofX8xM&ab\\_channel=Buffman-R.A.N.G.E.](https://www.youtube.com/watch?v=OH3I4ofX8xM&ab_channel=Buffman-R.A.N.G.E.)

The tested plate coating literally came off of the plate after 2 hits and failed to catch the rest of the spalling, sending copper and lead bits 1” and in 1 example 2” inside of a gel block. This could most definitely kill you and is why I would stay very far away from steel plates.

“But what about this other solution...” No. Steel armor by its very design is dangerous to use. No amount of build ups or liners or plate coverings will change that. The best thing to do is to simply not buy steel armor in the first place.

Moral of the story/TLDR: If you have steel plates, don’t use it. If you want to buy steel plates, don’t.

## **Body Armor Options**

### **Notes:**

-Hesco has had many recalls on their plates and failed multiple FIT tests. In fact they failed FIT tests every year except for one. Their models 4400, 4600, 3400, and 3610 all failed a FIT test, and the 3610 and 4600 failed the re-FIT, which led to their recall. Hesco seems to have a lower standard of quality control and underbuilds their plates, and as a result often leads to the plates incapability to stop the projectile it is intended to stop. Some of these recalled options are still available and sold online, be careful of that.

-RMA has used shady tactics before such as using an 8” x 10” ceramic strike face on their 10” x 12” plates, most notably in the gen 1 1189 and gen 1 1199. Both are now unavailable on their website. RMA has also bought steel plates from Spartan Armor to meet the demands of customers who wanted steel armor over ceramic or polyethylene, you decide if that makes them shady or not.

-Chinesium refers to those of low quality or misleading plates that are most likely dangerous to use

-Some armor is not in stock but has to be ordered from the manufacturer, which may take a few weeks or months.

### **Don’t buy from list, shit tier garbage throw it in a fire and forget about it:**

-Any steel armor (steel armor is ALWAYS dangerous to use)

-Militech (chinesium, cheat rings)

-Alibaba/Wish/Aliexpress (chinesium)

-Armored Republic AR500 (shit company, overpriced goods, steel plates)

-Botach armor (chinesium, cheat rings, remember: Battle Steel = BS)

-Ace Link Armor (cheat rings, dangerous low quality plates)

-SafeLife Defense (shit company, heavy and thick armor (2.0 lbs/square foot for the certified armor), chinesium sourced materials)

-Tactical Scorpion Gear (cheat rings, chinesium imported materials, excessive BFD)

-AA Shield (chinesium)

- Spartan Armor (steel plates, generally overpriced plates compared to other options, lower quality ceramic armor with weak adhesives and unpressed backers)
- Bulletsafe (chinesium, only good thing they have is a cheaper NIJ certified IIIA vest)
- Security Pro USA (sometimes has real deal but their brand items are chinesium and low quality)
- Shotstop (cheat rings, low quality armor)
- LAPG (cheat rings, low quality armor)
- Mira Safety (cheat rings, low quality armor)
- RTS Tactical (shit company, steel plates, cheat rings, low quality armor)
- American Blast Systems (cheat rings, low quality armor)
- Longfri (chinesium, cheat rings)
- Guardian Gear (cheat rings, chinesum, sources from Longfri)
- VISM (chinesium)

### **Payton G approved body armor companies:**

These options are harder to find in the civilian market, but sometimes they pop up.

- Tencate/Tencate Cratus
- ARES Armor
- LTC
- Survival Armor
- Ceradyne
- BAE Systems
- Safariland/Protech
- Saber Solutions (Sells Hesco and LTC armor)
- Hyperion
- Atlas Armor
- Mehler Vario
- Mofet Etzion (be warned, they support jews)
- Diamond Age
- Velocity Systems

### **Places to buy armor from:**

Many of these items can be found from distributors just by looking them up, but here's some reliable ones:

[apexarmorsolutions.com](http://apexarmorsolutions.com)

[bulletproofme.com](http://bulletproofme.com)

[pewpewsolutions.com](http://pewpewsolutions.com)

[sierratac.com](http://sierratac.com)

[esstac.com](http://esstac.com)

[liveactionsafety.com](http://liveactionsafety.com)

[brownells.com](http://brownells.com)

opticsplanet.com/tactical-store.com  
rmadefense.com  
trex-arms.com  
hoplitearmor.com  
optactical.com  
chasetactical.com

**Used:**

eBay/Tacswap/surplus stores/flea markets/Facebook Marketplace/Instagram  
Shopping/r/GunAccessoriesForSale (buying used comes with risks, also shit tier/chinesium items may be found here, be careful and don't buy what you are uncertain of)

**Current discount codes:**

hoplitearmor.com: BIDENISGAY or CITIZEN  
rmadefense.com: RMAPROTECTS  
opticsplanet.com: WORK8  
gentexcorp.com: CLASKY or ELITE10

**IIIA hard or soft body armor options**

**Notes:**

- In this day and age it's normally just better to use level IIIA armor instead of II or IIA.
- According to FBI statistics, most homicides involve handguns, so in reality IIIA armor is likely plentiful for most situations. If rifles may be involved, step the armor up.
- Unfortunately many of the S+ tier IIIA armor like the Safariland Hardwire are only available to certain credentials because of fag companies.
- Interestingly it's harder to get decent IIIA BALCS vests than III or higher hard armor.

**Highcom SA3100 Plate Backer:**

- NIJ .06 IIIA certified
- 10" x 12"
- Special threat tested against some 5.7x28 ammunition
- Flexible
- Areal density of 1.32 psf
- 0.29" thick
- Made of Twaron aramid fibers
- Works as a ICW plate backer
- As of now costs \$145 from apexarmorsolutions.com

**SKD Armor IIIA Soft Armor Plate Backer:**

- NIJ .06 IIIA certified
- 10" x 12" and SAPI size options
- Flexible
- Areal density of 1.17 psf
- 0.275" thick
- Made of 3000D Twaron Microlam
- Works as a ICW plate backer
- As of now costs \$99.95 per plate from skdtac.com

**Crye Precision Platebag Soft Armor Insert:**

- Not NIJ certified
- Supposed to stop up 9mm 124 FMJ at 1400 fps
- Comes in SAPI cut sizes S to XL
- Flexible
- Unknown areal density but since it's made of Dyneema it is very low
- Unknown thickness but it's thin, trust me
- Made of Dyneema
- Works as a ICW plate backer
- As of now costs \$153.90 per plate from cryeprecision.com

**Velocity System IIIA Soft Armor SAPI-Cut Plate Backers:**

- NIJ .06 IIIA certified and passes USSOCOM fragmentation requirements
- Flexible
- Comes in SAPI cut sizes M and L from my online research
- Unknown areal density but since it's made of Dyneema it is very low
- .23" thick
- Made of 100% DSM Dyneema
- Works as a ICW plate backer
- As of now costs ~\$150 per plate from optactical.com, Velocity Systems does not allow for civilians to buy it directly from them but can often be found in other online stores.

**Hoplite 19300:**

- Not NIJ certified
- Multicurve
- Not flexible
- 1.3 lbs
- 0.35" thick
- 10" x 12"
- Made of UHMWPE
- Probably won't work with ICW plates because it is not flexible
- As of now costs \$149 from [hoplitearmor.com](http://hoplitearmor.com), \$150 from [apexarmorsolutions.com](http://apexarmorsolutions.com),

**RMA 0226 Gen-2:**

- Not NIJ certified
- Single curve
- Not flexible
- 0.88 lbs
- 0.25" thick
- 10" x 12"
- Made of UHMWPE
- Probably won't work with ICW plates because it is not flexible
- With current discount this costs \$99.99 per plate from [rmadefense.com](http://rmadefense.com), without it it costs \$165

**Hesco P210:**

- Not NIJ certified
- Comes in so many forms: SAPI size and cuts, full cuts, and shooter cuts
- Special threat tested for 5.7x28 and 7.62x25 threats, unknown which projectiles used
- Not flexible
- There's so many options it's not even funny, on Hesco's website I count 13 plates all with different cuts, curves, and sizes. Weight varies between plates
- 0.27" thick
- Made of UHMWPE
- Probably won't work with ICW plates because it is not flexible
- As of now costs \$159–\$252 from [sierratac.com](http://sierratac.com)

**OTV/IOTV soft armor or police vest:**

- Police vests are often from safariland, second chance, or point blank body armor
- Police soft armor may be NIJ certified may be not, check the armor itself for a tag saying it is. (Certification may be expired or denied, look it up in the NIJ compliant list)
- Military soft armor will not be NIJ certified but has passed a military projectile test at one point.
- Age may deteriorate aramid fibers enough that it is now inadequate for stopping bullets and fragmentation, use with caution.
- Curves around the torso
- Weight and coverage varies, more often than not it is on the higher areal density side
- Most likely made of aramid, UHMWPE vests are quite new and hard to find
- As of now ~\$100-\$300, may be equivalent to NIJ IIA, II, or IIIA
- May or may not come with carrier
- Can be found in the used section of places to get armor, bulletproofme.com also sells surplus sometimes

**Stealth Armor Systems GTX-K-3A CIRAS BALCS Cut Panels:**

- Not NIJ certified
- Made from plain woven kevlar fabric
- Curves around the torso
- 1.3 psf areal density
- Concealable at .30" thick
- Available in BALCS or First Spear Siege RO cut
- Sizes S to XL
- As of now costs \$330-\$470 from stealtharmorsystems.com
- Does not come with carrier

**Midwest Armor Stinger III-A Soft Armor Panels:**

- NIJ .06 IIIA certified
- Made with woven aramid
- Curves around the torso
- 1.55 psf areal density (quite a lot)
- Concealable at .35" thick
- Available in "BALCS, concealed, or custom" sizing
- Sizes XS to 3XL
- As of now costs \$369-\$389 from bulletproofme.com, or \$410 to \$580 from midwestarmor.com
- Does not come with carrier

**RMA Protego Concealable Soft Body Armor Vest:**

- NIJ .06 IIIA certified
- Made from woven aramid
- This is a rebranded Slate Solutions Gen 1 Concealable vest (I think), RMA does not manufacture this
- Curves around the torso
- 1.55 psf areal density (quite a lot)
- Concealable at .35" thick
- As of now armor and carrier costs \$499 from rmadefense.com

**ProMAX IIIA Ultra-Thin:**

- NIJ .06 IIIA certified
- Most likely made from aramid material
- Curves around the torso
- 1.23 psf areal density
- Concealable at .25" thick
- All sizes are made to order
- Has carrier upgrades such as Cordura nylon outer shell for \$30, slick rifle plate pockets for \$100, or tactical carrier with plate pockets, cummerbund, and MOLLE for \$200
- As of now armor and carrier costs \$499 from bulletproofme.com

**RMA Contego Concealable Soft Body Armor Vest:**

- NIJ .06 IIIA certified
- Made from woven aramid
- This is a rebranded Slate Solutions HD Concealable vest, RMA does not manufacture this
- Curves around the torso
- 1.18 psf areal density
- Concealable at .25" thick
- Sizes S to 5XL with special order
- Has capabilities to insert additional body armor plates
- As of now armor and carrier costs \$599 from rmadefense.com

### **ProMAX IIIA Ultimate Ultra-Thin:**

- NIJ .06 IIIA certified
- Most likely made from dyneema-like material
- Curves around the torso
- .86 psf areal density
- Concealable at .21" thick
- All sizes are made to order
- Has carrier upgrades such as cordura® nylon outer shell for \$30, slick rifle plate pockets for \$100, or tactical carrier with plate pockets, cummerbund, and MOLLE for \$200
- As of now armor and carrier costs \$749 from bulletproofme.com

### **Crye LVS Base Vest:**

- NIJ .06 IIIA certified
- Curves around the torso
- Made of Dyneema or similar fibers so psf is very low
- Unknown thickness but VERY thin
- Sizes from S-2XL
- Has many upgrades such as other carriers, side armor options, and side pouches from Crye
- As of now armor and carrier costs \$850 from cryeprecision.com

## **III UHMWPE Plate Armor Options**

All these options will stop all commercially available handgun threats, will stop most lead core rifle ammo and all commercially available shotgun ammunition. However it is weak against steel tipped or cored ammunition, such as M855. Mild steel core projectiles like M43 may be stopped however.

### **RMA 1061-1064:**

- » Small: 8.75" W x 11.75" H - 3.07 lbs. (1.39 kg)
- » Medium: 9.50" W x 12.50" H - 3.48 lbs. (1.57 kg)
- » Large: 10.25" W x 13.25" H - 4.13 lbs. (1.87 kg)
- » X-Large: 11.00" W x 14.00" H - 4.90 lbs. (2.22 kg)

- 1062 is NIJ .06 III certified
- Multicurve
- Sapi cut
- 1.1" thick
- As of now costs \$275-\$345 per plate from rmadefense.com

**RMA 1078:**

- NIJ .06 III certified
- 10" x 12"
- Singlecurve
- Sapi cut
- 3.3 lbs
- 1.3" **THICC** (may not fit in some carriers because of this)
- As of now costs \$275 per plate from rmadefense.com

**RMA 1088:**

- NIJ .06 III certified
- 10" x 12"
- Singlecurve
- Sapi cut
- 3.0 lbs
- 1.25" **thicc**
- As of now costs \$339 from rmadefense.com

**Hesco 3402:**

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**SHOOTER CUT - SINGLE CURVE TORSO PLATES**

Part Number	Nominal Width x Length	Thickness	Weight
3402-SH-SC-L	10.0 x 12.0 inches / 254 x 305 mm	1.22 inches / 31 mm	3.2 lb / 1.4 kg
3402-SH-SC-S	8.0 X 10.0 inches / 203 x 254 mm	1.22 inches / 31 mm	2.1 lb / 0.9 kg

- NIJ .06 III certified
- As of now costs \$443.00 from extremeoutfitters.com

### **Slate Solutions H3001:**

6 X 6	Single Curve	Full	1.0 lbs / 0.45 kg
6 X 8	Single Curve	Full	1.3 lbs / 0.58 kg
8 X 10	Single Curve	Full	2.4 lbs / 1.1 kg
8 X 10	Single Curve	Shooter	2.2 lbs / 1.0 kg
10 X 12	Single Curve	Full	3.5 lbs / 1.6kg
10 x 12	Single Curve	Shooter	3.2 lbs / 1.45 kg
10 x 12	Single Curve	Swimmer	3.0 lbs / 1.4kg

-NIJ .06 III certified

-1” thick

-As of now can be ordered on [bulletproofme.com](http://bulletproofme.com) in their “Ultra-light Polyethylene Rifle Plates” section for \$219-\$279 per plate, or \$228.33-\$311.67 per plate from [danasafetysupply.com](http://danasafetysupply.com)

### **Slate Solutions H4001:**

6 x 6	Multi-Curve	Full	1.1 lbs / 0.5 kg
6 x 8	Multi-Curve	Full	1.4 lbs / 0.6 kg
8 x 10	Multi-Curve	Full	2.7 lbs / 1.2 kg
8 x 10	Multi-Curve	Shooter	2.5 lbs / 1.1 kg
10 x 12	Multi-Curve	Full	3.7 lbs / 1.7 kg
10 x 12	Multi-Curve	Shooter	3.4 lbs / 1.5 kg
10 x 12	Multi-Curve	Swimmer	3.2 lbs / 1.4 kg

-NIJ .06 III certified

-.95” thick

-As of now costs \$415.00-\$813.33 per plate from [danasafetysupply.com](http://danasafetysupply.com)

### Highcom 3s11:

SIZE & WEIGHT CHART									
SIZE	CURVATURE	CUT	WEIGHT		SIZE	CURVATURE	CUT	WEIGHT	
5"x7"	Single Curve	Full	1.0 lbs	0.5 kg	8"x10"	Single Curve	Shooters	2.2 lbs	1.0 kg
5"x8"	Single Curve	Full	1.2 lbs	0.5 kg	10"x12"	Single Curve	Full	3.4 lbs	1.6 kg
6"x6"	Single Curve	Full	1.0 lbs	0.4 kg	10"x12"	Single Curve	Shooters	2.9 lbs	1.3 kg
6"x8"	Single Curve	Full	1.4 lbs	0.6 kg	10"x12"	Single Curve	Swimmers	3.1 lbs	1.4 kg
8"x10"	Single Curve	Full	2.3 lbs	1.0 kg					

-NIJ .06 III certified

-1.25" **thicc**

-As of now costs \$417-\$507 per plate from [liveactionsafety.com](http://liveactionsafety.com), or \$508.95-\$618.95 per plate from [chasetactical.com](http://chasetactical.com)

### Highcom 3s11m:

SIZE & WEIGHT CHART									
SIZE	CURVATURE	CUT	WEIGHT		SIZE	CURVATURE	CUT	WEIGHT	
10"x12"	Multi Curve	Shooters	2.9 lbs	1.3 kg	9.5"x12.5"	Multi Curve	SAPI (M)	3.3 lbs	1.5 kg
7.25"x11.5"	Multi Curve	SAPI (XS)	2.2 lbs	1.0 kg	10"x13.25"	Multi Curve	SAPI (L)	3.8 lbs	1.7 kg
8.75"x11.75"	Multi Curve	SAPI (S)	2.8 lbs	1.3 kg	11"x14"	Multi Curve	SAPI (XL)	4.2 lbs	1.9 kg

-NIJ .06 III certified

-1.25" **thicc**

-As of now costs \$536 from [tristatearmor.com](http://tristatearmor.com), or \$558.95-\$858.95 per plate from [chasetactical.com](http://chasetactical.com)

### Hoplite 23620:

-NIJ .06 III certified (says .06 certified on their website but didn't find it on the NIJ compliant list, hmmm...)

-10" x 12"

-Multicurve

-SAPI cut or swimmer cut options

-SAPI cut weighs 2.8 lbs and swimmer cut weighs 2.5 lbs

-1" thick

-As of now costs ~\$700-\$800 per plate from [hoplitearmor.com](http://hoplitearmor.com)

## Hesco 3800C:

(NOTE: Hesco 3800 is also a great plate and is slightly lighter, but has an inactive NIJ listing.)

Law Enforcement Cut - Multi Curve - Torso Plates

Part Number	Nominal Width x Length	Thickness	Weight
3800-LE-MC-L	10.0 x 12.0 inches / 254 x 305 mm	0.95 inches / 24 mm	2.4 lb/1.1 kg
3800-LE-MC-S	8.0 x 10.0 inches / 203 x 254 mm	0.95 inches / 24 mm	1.6 lb/0.7 kg

SAPI Cut - Multi Curve - Torso Plates

Part Number	Nominal Width x Length	Thickness	Weight
3800C-SA-MC-XL	11.00 x 14.00 inches / 279 x 356 mm	0.95 inches / 24 mm	3.3 lb / 1.5 kg
3800C-SA-MC-L	10.25 x 13.25 inches / 260 x 337 mm	0.95 inches / 24 mm	2.9 lb / 1.3 kg
3800C-SA-MC-M	9.50 x 12.50 inches / 241 x 318 mm	0.95 inches / 24 mm	2.6 lb /1.1 kg
3800C-SA-MC-S	8.75 x 11.75 inches / 222 x 298 mm	0.95 inches / 24 mm	2.2 lb / 1.0 kg

-NIJ .06 III certified

-As of now costs \$392.99-\$535.99 from [securityprousa.com](http://securityprousa.com), \$541-\$728 from [optactical.com](http://optactical.com), or \$455-\$813 from [hcctac.com](http://hcctac.com)

**Slate Solutions D1652/Tencate Cratus CR-3600 SA:**

- NIJ .06 III certified
- 10” x 12” and SAPI size options
- Multicurve
- 1.07” thick
- SAPI cut or swimmer cut options
- 10” x 12” SAPI cut weighs ~2.4 lbs and 10” x 12” swimmer cut weighs 2.29 lbs, other weights are unknown but it’s pretty dang light.
- As of now can be ordered from [danasafety.com](http://danasafety.com) for \$676.67 per plate, \$598–\$1,015.95 from [armorexchange.com](http://armorexchange.com), or \$609.99-\$1019.00 per plate from [opticsplanet.com](http://opticsplanet.com)

**SRT Ceramic Composite Armor Options**

**Notes:**

- All these options are rated for special 5.56x45 and 7.62x39 ammunition, but are not recommended for 7.62x51 or similar ammunition because it will penetrate or will have excessive backface deformation. These options fit a very specific niche, and may be useful to you.
- The Velocity Systems API-BZ plate is a very decent plate but unfortunately I couldn’t find anyone that sells it at this time.

**Hesco L210:**

(Protip: You’re going to want a plate backer with this plate because it's quite uncomfortable to wear standalone, I would recommend the T.REX Plate Backer Set.)

**SHOOTER CUT - SINGLE CURVE - TORSO PLATES**

Part Number	Nominal Width x Length	Thickness	Weight
L210-SH-SC-L	10.0 X 12.0 inches / 254 x 305 mm	0.59 inches / 15 mm	5.5 lb / 2.5 kg
L210-SH-SC-S	8.0 X 10.00 inches / 203 x 254 mm	0.59 inches / 15 mm	3.5 lb / 1.6 kg

**FULL CUT - SINGLE CURVE - TORSO PLATES**

Part Number	Nominal Width x Length	Thickness	Weight
L210-FC-SC-L	10.0 X 12.00 inches / 245 x 305 mm	0.59 inches / 15 mm	6.1 lb / 2.8 kg
L210-FC-SC-S	10.0 X 10.00 inches / 203 x 254 mm	0.59 inches / 15 mm	4.0 lb / 1.8 kg

- Not NIJ certified
- Supposed to stop M193, M855, M67, M43, or 1 7.62x39 BZ-API
- As of now costs \$169.60 per plate from [trex-arms.com](http://trex-arms.com), \$165-\$193 from [esstac.com](http://esstac.com), or \$149–\$193 from [pewpewsolutions.com](http://pewpewsolutions.com)

## Hesco M210:

### SAPI CUT - MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
M210-SA-MC-XL	11.00 x 14.00 inches / 279 x 356 mm	0.61 inches / 15 mm	6.7 lb / 3.0 kg
M210-SA-MC-L	10.25 x 13.25 inches / 260 x 337 mm	0.61 inches / 15 mm	5.8 lb / 2.6 kg
M210-SA-MC-M	9.50 x 12.50 inches / 241 x 318 mm	0.61 inches / 15 mm	5.0 lb / 2.3 kg
M210-SA-MC-S	8.75 x 11.75 inches / 222 x 293 mm	0.61 inches / 15 mm	4.3 lb / 2.0 kg

### SWIMMER CUT - MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
M210-SW-MC-L	10.0 x 12.0 inches / 254 x 305 mm	0.61 inches / 15 mm	5.1 lb / 2.3 kg
M210-SW-MC-S	8.0 x 10.0 inches / 203 x 254 mm	0.61 inches / 15 mm	4.4 lb / 2.0 kg

-Not NIJ certified

-Supposed to stop M193, M855, M855A1, M67, M43, and 7.62x39 BZ-API

-As of now costs \$309-\$464 from [pewpewsolutions.com](http://pewpewsolutions.com) or \$339-\$452 from [sierratac.com](http://sierratac.com),

## Hesco U210:

### SHOOTER CUT - MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
U210-SH-MC-L	10.0 x 12.0 inches / 254 x 305 mm	0.56 inches / 14 mm	3.9 lb / 1.8 kg
U210-SH-MC-S	8.0 x 10.0 inches / 203 x 254 mm	0.56 inches / 14 mm	2.6 lb / 1.2 kg

### SAPI CUT - MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
U210-SA-MC-XL	11.00 X 14.00 inches / 279 x 356 mm	0.56 inches / 14 mm	5.4 lb / 2.5 kg
U210-SA-MC-L	10.25 X 13.25 inches / 260 x 337 mm	0.56 inches / 14 mm	4.7 lb / 2.1 kg
U210-SA-MC-M	9.50 x 12.50 inches / 241 x 318 mm	0.56 inches / 14 mm	4.1 lb / 1.9 kg
U210-SA-MC-S	8.75 x 11.75 inches / 222 x 298 mm	0.56 inches / 14 mm	3.5 lb / 1.6 kg
U210-SA-MC-XS	7.25 x 11.50 inches / 184 x 292 mm	0.56 inches / 14 mm	2.8 lb / 1.3 kg

-Not NIJ certified

-Supposed to stop M193, M855, M855A1, M67, M43, and 7.62x39 BZ-API

-As of now costs \$875-\$943 from optactical.com, \$899.99-\$936 from opticsplanet.com, \$923 from pewpewolutions.com, or \$786.00-\$1,100.00 from esstac.com,

### III+ Ceramic Composite Armor Options

#### Notes:

-All of my III+ armor options will have the ability to stop M855, which pure UHMWPE plates can not stop, and M80, which the above SRT plates will not stop. These III+ options will most likely be classified as RF2 plates in the future.

#### Ferro Concepts Ceramic Composite Special Threat:

-NIJ .06 III certified

-Comes in both medium and large shooters cut SAPI size

-Supposed to stop M193, M855, M67, M43, 30-06 JSP, and 57-N-323S

-1.1" thick

-Medium sapi cut weighs 5.4 lbs per plate and large sapi cut weighs 6 lbs per plate

-As of now costs \$362.50-\$389.50 per plate from ferroconcepts.com

### Velocity Systems Special Threat Ceramic Plate:

**Size: 10" x 12"**

**Weight: 6.0 lbs**

-Not NIJ certified

-Supposed to stop M193, M855, M67, M43, and M80

-0.6" thick

-As of now costs \$324-\$364 per plate from optactical.com, or \$334.99 per plate from brownells.com

### RMA 1091-1094:

» 8.75" W x 11.75" H - 3.91 lbs. (Size Small)

» 9.5" W x 12.5" H - 4.49 lbs. (Size Medium)

» 10.25" W x 13.25" H - 5.16 lbs. (Size Large)

» 11.00" W x 14.00" H - 5.66 lbs. (Size XL)

-Not NIJ certified

-Multicurve

-Supposed to stop M193, M855, M67, M43, and M80 ammo

-1.2" thick

-As of now \$274.99-\$374.99 per plate from rmadefense.com

### Highcom 3s9:

SIZE & WEIGHT CHART				
SIZE	CURVATURE	CUT	WEIGHT	
5"x7"	Single Curve	Full	1.9 lbs	0.9 kg
5"x8"	Single Curve	Full	2.2 lbs	1.0 kg
6"x6"	Single Curve	Full	1.8 lbs	0.8 kg
6"x8"	Single Curve	Full	2.5 lbs	1.2 kg
8"x10"	Single Curve	Full	4.2 lbs	1.9 kg
8"x10"	Single Curve	Shooters	4.1 lbs	1.9 kg
10"x12"	Single Curve	Full	6.3 lbs	2.8 kg
10"x12"	Single Curve	Shooters	5.3 lbs	2.4 kg
10"x12"	Single Curve	Swimmers	5.6 lbs	2.6 kg

-NIJ .06 III certified

-Supposed to stop M193, M855, M855a1, M67, M47, M80. May have capabilities to stop M61, M2 AP, and 7.62x54R B32 but with excessive back face deformation

-1.15" thick

-As of now costs \$468-\$569 per plate from liveactionsafety.com, or \$458.95-\$568.95 per plate from chasetactical.com

### Highcom 3s9m:

SIZE & WEIGHT CHART				
SIZE	CURVATURE	CUT	WEIGHT	
10"x12"	Multi Curve	Shooters	5.3 lbs	2.4 kg
7.25"x11.5"	Multi Curve	SAPI (XS)	4.0 lbs	1.8 kg
8.75"x11.75"	Multi Curve	SAPI (S)	5.2 lbs	2.4 kg
9.5"x12.5"	Multi Curve	SAPI (M)	6.0 lbs	2.7 kg
10"x13.25"	Multi Curve	SAPI (L)	6.9 lbs	3.1 kg
11"x14"	Multi Curve	SAPI (XL)	7.6 lbs	3.4 kg

-NIJ .06 III certified

-Supposed to stop M193, M855, M855a1, M67, M47, M80. May have capabilities to stop M61, M2 AP, and 7.62x54R B32 but with excessive back face deformation

-1.15" thick

-As of now 10" x 12" variant costs \$447.50 from apexarmorsolutions.com, the same plate and other variants can be ordered on tristatearmor.com for \$369-\$639 per plate

### Hoplite 19513:

-Not NIJ certified

-Medium SAPI sized (9.5" x 12.5")

-Multicurve

-Sapi cut

-Supposed to stop M193, M855, M855A1, M67, M43, and M80

-5.25 lbs

-1.1" thick

-As of now costs \$390 per plate from apexarmorsolutions.com or \$400 per plate from hoplitearmor.com

## Hesco 3611C:

### LAW ENFORCEMENT CUT -MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
3611C-LE-MC-L	10.0 x 12.0 inches / 254 x 305 mm	1.05 inches / 27 mm	3.9 lb / 1.8 kg
3611C-LE-MC-S	8.0 X 10.0 inches / 203 x 254 mm	1.05 inches / 27 mm	2.5 lb / 1.2 kg

### SAPI CUT - MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
3611C -SA-MC-XL	11.0 x 14.0 inches / 279 x 356 mm	1.05 inches / 27 mm	5.6 lb / 2.6 kg
3611C -SA-MC-L	10.25 x 13.25 inches / 260 x 337 mm	1.05 inches / 27 mm	4.9 lb / 2.2 kg
3611C -SA-MC-M	9.50 x 12.50 inches / 241 x 318 mm	1.05 inches / 27 mm	4.3 lb / 1.9 kg
3611C -SA-MC-S	8.75 x 11.75 inches / 222 x 298 mm	1.05 inches / 27 mm	3.7 lb / 1.7 kg

-NIJ .06 III certified

-Supposed to stop M193, M855, M67, M43, and M80 ammo

-As of now costs \$435-\$490 from [sierratac.com](http://sierratac.com) or \$511-\$694 from [esstac.com](http://esstac.com), or \$515-\$642 per plate from [bulletproofme.com](http://bulletproofme.com)

**Slate Solutions H3101:**

<p><b>10" by 12"</b></p> <ul style="list-style-type: none"> <li>• Swimmers Cut</li> <li>• the more extreme Shooters Cut - more freedom of movement</li> </ul>	<p>4.2 lb. ( 1.9 kg.)</p>	<p><b>\$ 298</b> per plate</p> <p><b>IN STOCK</b></p>	<p><b>11" by 14"</b></p> <ul style="list-style-type: none"> <li>• XL SAPI style Shooters Cut</li> </ul>	<p>6.6 lb. ( 3.0 kg.)</p>	<p><b>\$ 369</b> per plate</p> <p><b>IN STOCK</b></p>
<p><b>10" by 12"</b></p> <ul style="list-style-type: none"> <li>• SAPI style Shooters Cut</li> </ul>	<p>4.3 lb. ( 1.95 kg.)</p>	<p><b>\$ 298</b> per plate</p> <p><b>IN STOCK</b></p>	<p><b>8" by 10"</b></p> <ul style="list-style-type: none"> <li>• Shooters Cut</li> <li>• Rectangle - more coverage on the back, but only IF your place carrier accepts it</li> </ul>	<p>Shooters Cut 3.2 lb. ( 1.45 kg.)</p> <p>Rectangle 3.35 lb. (1.5 kg.)</p>	<p><b>\$ 259</b> per plate</p> <p><b>IN STOCK</b></p>
<p><b>10" by 12" Rectangle</b></p> <ul style="list-style-type: none"> <li>• more coverage on the back IF your place carrier accepts it</li> </ul>	<p>4.45 lb. (2.0 kg.)</p>	<p><b>\$ 298</b> per plate</p>			

-NIJ .06 III certified

-Singlecurve

-Supposed to stop M193, M855, M67, M43, 57-BZ-231 (so M855A1 as well), M80, and 57-N-323S

-1.1" thick

-As of now costs \$298-\$369 from bulletproofme.com or can be ordered from danasafetysupply.com for \$311.67-\$386.67

## Hesco 3810 III+ Plate:

### SHOOTER CUT - MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
3810-SH-MC-L	10.0 x 12.0 inches / 254 x 305 mm	.98 inches / 25 mm	3.9 lb / 1.8 kg
3810-SH-MC-S	8.0 x 10.0 inches / 203 x 254 mm	.98 inches / 25 mm	2.5 lb / 1.2 kg

### SAPI CUT - MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
3810-SA-MC-XL	11.00 x 14.00 inches / 279 x 356 mm	.98 inches / 25 mm	5.4 lb / 2.5 kg
3810-SA-MC-L	10.25 x 13.25 inches / 260 x 337 mm	.98 inches / 25 mm	4.7 lb / 2.1 kg
3810-SA-MC-M	9.50 x 12.50 inches / 241 x 318 mm	.98 inches / 25 mm	4.1 lb / 1.8 kg
3810-SA-MC-S	8.75 x 11.75 inches / 222 x 298 mm	.98 inches / 25 mm	3.5 lb / 1.6 kg

-NIJ .06 III certified

-Supposed to stop M193, M855, M67, M43, M80, and 57-N-323S ammo

-As of now costs \$502-\$912 per plate from essatac.com, \$410-\$895 per plate from sierratac.com, \$518-\$940 per plate from pewpewolutions.com, or \$609-\$940 per plate from trex-arms.com

### Level IV Plate Options

#### Notes:

-NIJ IV certified body armor will stop at least one 30-06 M2AP @ 2880 fps, which will stop most of all commercially available ammo. Modern decent IV plates have high strength adhesives used and strong coverings and are capable of stopping multiple projectiles. Advanced armor penetrating rounds are required to reliably penetrate this armor.

-I'm not much of a fan of heavy IV plates, since the rounds they stop are quite uncommon, but if you really are expecting threats like M61, M80A1, or M2 AP threats I would get these.

-Hesco 4401 is a decent low tier level IV plate but stopped being manufactured by Hesco, they can still be readily found online though.

**AR500 Level IV ASLC bod.... lol I'm just joking,**

[https://www.youtube.com/watch?v=uxtMnsXAwYE&ab\\_channel=Buffman-R.A.N.G.E.](https://www.youtube.com/watch?v=uxtMnsXAwYE&ab_channel=Buffman-R.A.N.G.E.)

TLDR: The plate fell apart after one shot because of shit adhesives. Basically it sucks compared to other plates, don't buy anything from AR500.

**RMA 1155:**

- NIJ .06 IV certified
- Singlecurve
- SAPI cut or shooter cut
- 8.3 lbs for SAPI cut, 8.0 lbs for shooter's cut
- 10" x 12"
- 1" thick
- As of now costs \$145 per plate from [rmadefense.com](http://rmadefense.com)

**Hoplite 26225-26226:**

- Not NIJ certified
- Single curve
- Swimmer cut
- 8" x 10" plate weighs 5.9 lbs, 10" x 12" plate weighs 8.25 lbs
- .73" thick
- As of now they can be found on [hoplitearmor.com](http://hoplitearmor.com) for \$162.50-\$187.50 per plate,

**RMA 1155MC:**

- Not NIJ certified
- Multicurve
- Sapi cut
- 8.2 lbs
- 10" x 12"
- 1" thick
- As of now costs \$170 per plate from [rmadefense.com](http://rmadefense.com)

### Highcom Guardian 4s17:

SIZE	CURVATURE	CUT	WEIGHT	
10"x12"	Single Curve	Full	8.5 lbs	3.9 kg
10"x12"	Single Curve	Shooters	7.2 lbs	3.3 kg
10"x12"	Single Curve	Swimmers	7.7 lbs	3.5 kg

-NIJ .06 IV certified

-0.95" thick

-As of now costs \$179 per plate from bulletproofme.com under their "Standard Stand-Alone Ceramic" section, or \$175-\$202.50 per plate from apexarmorsolutions.com, \$184-\$199 from liveactionsafety.com, \$169-\$220 from tristatearmor.com, \$208.95-\$228.95 per plate from chasetactical.com

### Highcom Guardian 4s17m:

#### SIZE & WEIGHT

SIZE	SHAPE	CUT	WEIGHT
10 x 12	Multi Curve	Shooter Cut	7.2 lbs / 3.3 kg
7¼ x 11½	Multi Curve	SAPI (XS)	6.0 lbs / 2.7 kg
8¾ x 11¾	Multi Curve	SAPI (S)	7.4 lbs / 3.4 kg
9½ x 12½	Multi Curve	SAPI (M)	8.6 lbs / 3.9 kg
10 x 13¼	Multi Curve	SAPI (L)	9.9 lbs / 4.5 kg
11 x 14	Multi Curve	SAPI (XL)	11.3 lbs / 5.1 kg

-NIJ .06 IV certified

-0.95" thick

-As of now costs \$215-\$296 per plate from apexarmorsolutions.com, \$229-\$299 per plate from tristatearmor.com, \$218.95-\$308.95 per plate from chasetactical.com

**Highcom 4sas7:**

<b>SIZE &amp; WEIGHT CHART</b>				
<b>SIZE</b>	<b>CURVATURE</b>	<b>CUT</b>	<b>WEIGHT</b>	
5"x7"	Single Curve	Full	2.6 lbs	1.2 kg
5"x8"	Single Curve	Full	2.9 lbs	1.3 kg
6"x6"	Single Curve	Full	2.4 lbs	1.1 kg
6"x8"	Single Curve	Full	3.4 lbs	1.6 kg
8"x10"	Single Curve	Full	5.7 lbs	2.6 kg
8"x10"	Single Curve	Shooters	5.5 lbs	2.5 kg
10"x12"	Single Curve	Full	8.5 lbs	3.8 kg
10"x12"	Single Curve	Shooters	7.2 lbs	3.3 kg
10"x12"	Single Curve	Swimmers	7.6 lbs	3.4 kg
10"x12"	Multi Curve	Shooters	7.2 lbs	3.2 kg
7.25"x11.5"	Multi Curve	SAPI (XS)	5.5 lbs	2.5 kg
8.75"x11.75"	Multi Curve	SAPI (S)	7.0 lbs	3.2 kg
9.5"x12.5"	Multi Curve	SAPI (M)	8.1 lbs	3.7 kg
10"x13.25"	Multi Curve	SAPI (L)	9.3 lbs	4.2 kg
11"x14"	Multi Curve	SAPI (XL)	10.2 lbs	4.6 kg

-Not NIJ certified (.06 at least)

-0.75" thick

-As of now costs \$195-\$237.5 per plate from apexarmorsolutions.com, or \$168.95-\$328.95 per plate from chasetactical.com, \$159-\$229 from tristatearmor.com, \$136-\$293 per plate from liveactionsafety.com

**Hoplite 26605:**

**Small- 8.5"x11.5" 6.5 lbs**

**Medium- 9.5"x12.50" 7.5 lbs**

**Large- 10.25"x13.25" 8.5 lbs**

**XL- 11"x14" 9.75 lbs**

**SIZES:**

**• SMALL 8.75"X11.75" SAPI (6.5 LBS.) / 8"X10" SWIMMER (4.8 LBS.)**

**• MEDIUM 9.25"X 12.25" SAPI (7.5 LBS.)/ 10"X12" SWIMMER (7 LBS.)**

-Not NIJ certified (.06 at least)

-Multicurve

-SAPI cut or swimmer cut options

-1" thick

-As of now \$265-\$339 from [bulletproofme.com](http://bulletproofme.com) under their "Lightweight Rifle Plates - Triple Curved" section, \$285-\$385 from [apexarmorsolutions.com](http://apexarmorsolutions.com), or \$350-\$425 from [hoplitearmor.com](http://hoplitearmor.com)

**Velocity Systems PSA4:**

-Not NIJ certified

-10" x 12"

-Singlecurve

-Shooters cut

-6.8 lbs

-0.75" thick

-As of now costs \$304.99 per plate from [brownells.com](http://brownells.com)

## Hesco 4601:

### SHOOTER CUT -MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
4601-SH-MC-L	10.0 x 12.0 inches / 254 x 305 mm	1.18 inches / 30 mm	6.4 lb / 2.9 kg
4601-SH-MC-S	8.0 X 10.0 inches / 203 x 254 mm	1.18 inches / 30 mm	4.1 lb / 1.9 kg

### SAPI CUT - MULTI CURVE - TORSO PLATES

Part Number	Nominal Width x Length	Thickness	Weight
4601-SA-MC-XL	11.0 x 14.0 inches / 279 x 356 mm	1.18 inches / 30 mm	8.8 lb / 4.0 kg
4601-SA-MC-L	10.25 x 13.25 inches / 260 x 337 mm	1.18 inches / 30 mm	7.6 lb / 3.5 kg
4601-SA-MC-M	9.50 x 12.50 inches / 241 x 318 mm	1.18 inches / 30 mm	6.6 lb / 3.0 kg
4601-SA-MC-S	8.75 x 11.75 inches / 222 x 298 mm	1.18 inches / 30 mm	5.7 lb / 2.6 kg

-NIJ .06 IV certified

-As of now costs \$486-\$711 per plate from sierratac.com, \$525-\$684 per plate from esstac.com, or \$546-\$711 per plate from trex-arms.com or opticsplanet.com

## Highcom 4s16:

SIZE & WEIGHT									
SIZE	CURVATURE	CUT	WEIGHT		SIZE	CURVATURE	CUT	WEIGHT	
5"x7"	Single Curve	Full	2.2 lbs	1.0 kg	10"x12"	Single Curve	Swimmers	6.6 lbs	3.0 kg
5"x8"	Single Curve	Full	2.1 lbs	1.2 kg	10"x12"	Multi Curve	Shooters	6.2 lbs	2.8 kg
6"x6"	Single Curve	Full	2.1 lbs	1.0 kg	7.25"x11.5"	Multi Curve	SAPI (XS)	4.7 lbs	2.2 kg
6"x8"	Single Curve	Full	3.0 lbs	1.4 kg	8.75"x11.75"	Multi Curve	SAPI (S)	6.1 lbs	2.8 kg
8"x10"	Single Curve	Full	5.0 lbs	2.3 kg	9.5"x12.5"	Multi Curve	SAPI (M)	7.1 lbs	3.2 kg
8"x10"	Single Curve	Shooters	4.8 lbs	2.2 kg	10"x13.25"	Multi Curve	SAPI (L)	8.1 lbs	3.7 kg
10"x12"	Single Curve	Full	7.3 lbs	3.3 kg	11"x14"	Multi Curve	SAPI (XL)	8.9 lbs	4.1 kg
10"x12"	Single Curve	Shooters	6.2 lbs	2.8 kg					

-Not NIJ certified

-0.75" thick

-As of now costs \$319-\$389 from chasetactical.com, \$328.95-\$528.95 per plate from tristatearmor.com, \$349-\$480 per plate from apexarmorsolutions.com

## Highcom 4sss2:

SIZE & WEIGHT									
SIZE	CURVATURE	CUT	WEIGHT		SIZE	CURVATURE	CUT	WEIGHT	
5"x7"	Single Curve	Full	1.9 lbs	0.8 kg	10"x12"	Single Curve	Swimmers	5.5 lbs	2.5 kg
5"x8"	Single Curve	Full	2.1 lbs	1.0 kg	10"x12"	Multi Curve	Shooters	5.2 lbs	2.4 kg
6"x6"	Single Curve	Full	1.8 lbs	0.8 kg	7.25"x11.5"	Multi Curve	SAPI (XS)	4.0 lbs	1.8 kg
6"x8"	Single Curve	Full	2.5 lbs	1.1 kg	8.75"x11.75"	Multi Curve	SAPI (S)	5.1 lbs	2.3 kg
8"x10"	Single Curve	Full	4.1 lbs	1.9 kg	9.5"x12.5"	Multi Curve	SAPI (M)	5.9 lbs	2.7 kg
8"x10"	Single Curve	Shooters	4.0 lbs	1.8 kg	10"x13.25"	Multi Curve	SAPI (L)	6.8 lbs	3.1 kg
10"x12"	Single Curve	Full	6.2 lbs	2.8 kg	11"x14"	Multi Curve	SAPI (XL)	7.4 lbs	3.4 kg
10"x12"	Single Curve	Shooters	5.2 lbs	2.4 kg					

-Not NIJ certified

-0.97" thick

-As of now costs \$848.95-\$1,208.95 per plate from chasetactical.com

## RMA 1192:

-Not NIJ certified

-Multicurve

-Sapi cut

-Medium SAPI sized (9.5" x 12.5")

-5.7 lbs

-0.9" thick

-As of now costs \$700 per plate from rmadefense.com

## Hoplite 26300:

SAPI CUT:

### Sizes:

**Small**- 8.75"x11.75" **5 lbs**

**Medium**- 9.5"x12.50" **5.5 lbs**

**Large**- 10.25"x13.25" **6.5 lbs**

**XL**- 11"x14" **7.5 lbs**

-Not NIJ certified (.06 at least)

-Multicurve

-SAPI cut or swimmer cut options

-8" x 10" swimmer cut weighs 3.95 lbs, 10" x 12" swimmer cut weighs 5.5 lbs

-.8" thick

-As of now costs \$1500-\$1687.50 per plate from [hoplitearmor.com](http://hoplitearmor.com) or \$1300-\$1450 per plate from [apexarmorsolutions.com](http://apexarmorsolutions.com)

## Hoplite 29590:

	WIDTH (IN/MM)	LENGTH (IN/MM)	THICKNESS (IN/MM)	WEIGHT (LB/KG)
Small	9.11 / 231	11.10 / 282	0.90 / 23	4.35 / 1.98
Medium	9.92 / 252	11.60 / 295	0.90 / 23	4.85 / 2.20
Large	9.92 / 252	12.10 / 307	0.90 / 23	5.05 / 2.30
X-Large	10.60 / 269	12.60 / 320	0.90 / 23	5.55 / 2.52

-Not NIJ certified (.06 at least)

-Multicurve

-Swimmer cut

-As of now costs \$2000 per plate from [hoplitearmor.com](http://hoplitearmor.com) :0

-Fun fact this was considered a spook plate for some time until it was made commercially available