

MSA Paraclete® Echo Concealable Carrier



The **Echo Concealable Carrier** is your choice for ultimate comfort and protection. Advanced materials and construction help to ensure that Echo Carriers allow full range of motion while maintaining proper ballistic panel positioning.

- ◆ Advanced microfiber rip-stop outer-shell material
- ◆ Wide removable shoulder straps to enhance load-bearing comfort
- ◆ Easy accommodation of male and female sizing and vest panels
- ◆ Patented Armor-Latch® Closure for easy donning and proper armor alignment
- ◆ Front 6"x 8" trauma plate pocket
- ◆ Non-darted seamless ballistic construction that accommodates the female form

Armor system designed for:

Uniformed patrol officers • Detectives • Undercover/plain clothes officers • School police • Airport police • Transit police • Security guards • Security contractors • Firefighters • EMS • Arson investigators • Insurance investigators

Templar™ Ballistic Packages

MSA Paraclete Templar Ballistic Packages are designed to NIJ 0101.06 requirements. In addition to ballistic certification requirements conducted at independent laboratories, MSA's advanced R&D center conducts material testing, accelerated aging and conditioning, and ballistics testing within our in-house ballistics laboratories.

NIJ Standard-0101.06 Ballistic Resistance of Body Armor:

- Supersedes NIJ 2005 Interim Requirements, Ballistic Resistance of Body Armor.
- Also supersedes NIJ Standard-0101.04 Rev. A, Ballistic Resistance of Personal Body Armor.

Armor-Latch Closure

Patented Armor-Latch Closure enhances body coverage while providing significant full-wrap body armor comfort. One-handed forward-pull adjustment easily secures front-to-back panel overlap, automatically aligning panels for proper side coverage. Aligned solid closure also permits independent armor panel movement for greater mobility.

MSA Paraclete Echo Carrier - black

Medium	10083543
Large	10083544
X-Large	10083545

For additional ordering information please contact MSA Customer Service at 1.866.672.1001

Templar KNX Ballistic Packages (patent-pending) offer the highest levels of ballistic protection and comfort in a lightweight armor.

Templar KNX Ballistic Packages have also passed FBI Body Armor Test Protocol, Version 1.0 09/05/2006.

Ballistic Limits and Physical Properties

Ballistic Limit V-50 (fps)	Threat 1 9MM	Threat 2 .357 Mag	Threat 1 .357 SIG	Threat 2 .44Mag	Areal Density (psf)	Thickness (in.)	Flexibility Index
NIJ Level II	1749 (fps)	1652 (fps)	N/A	N/A	.89	.195	1.30
NIJ Level IIIA	N/A	N/A	1800 (fps)	1667 (fps)	1.17	.245	2.07

Templar TRP Ballistic Packages (patent-pending) are lightweight and offer the thinnest option for Level IIIA protection.

Ballistic Limits and Physical Properties

Ballistic Limit V-50 (fps)	Threat 1 9MM	Threat 2 .357 Mag	Threat 1 .357 SIG	Threat 2 .44Mag	Areal Density (psf)	Thickness (in.)	Flexibility Index
NIJ Level IIIA	N/A	N/A	1781 (fps)	1644 (fps)	1.13	.198	2.33

Templar DLP Ballistic Packages (patent-pending) offer high performance, lightweight ballistic protection for users who prefer Dyneema-based armors.

Ballistic Limits and Physical Properties

Ballistic Limit V-50 (fps)	Threat 1 9MM	Threat 2 .357 Mag	Threat 1 .357 SIG	Threat 2 .44Mag	Areal Density (psf)	Thickness (in.)	Flexibility Index
NIJ Level IIIA	N/A	N/A	1744 (fps)	1662 (fps)	1.11	.258	3.12

Templar SHD2 Ballistic Package (patent-pending) offers the lightest and thinnest option for Level II protection.

Ballistic Limits and Physical Properties

Ballistic Limit V-50 (fps)	Threat 1 9MM	Threat 2 .357 Mag	Threat 1 .357 SIG	Threat 2 .44Mag	Areal Density (psf)	Thickness (in.)	Flexibility Index
NIJ Level II	1720 (fps)	1619 (fps)	N/A	N/A	.75	.166	2.60

Templar XBK2S2 Ballistic Package (patent-pending) offers combined ballistic protection for Level II and Spike 2 protection.

Ballistic Limits and Physical Properties

Ballistic Limit V-50 (fps)	Threat 1 9MM	Threat 2 .357 Mag	Threat 1 .357 SIG	Threat 2 .44Mag	Areal Density (psf)	Thickness (in.)	Flexibility Index
NIJ Level II	1654 (fps)	1588 (fps)	N/A	N/A	1.10	.25	5.15

SPIKE 2 PERFORMANCE

Strike Energy Goal (Joules)	E1 (33)	E2 (50)	E1 (33)
Angle of Incidence (degrees)	0	0	45
Threat Weapon	Spike	Spike	Spike
Average Penetration (millimeters)	0	4	0

Templar BKS2 Ballistic Package (patent-pending) offers Spike Level 2 protection.

Ballistic Limits and Physical Properties

Strike Energy Goal (Joules)	E1 (33)	E1 (50)	E1 (33)	Areal Density (psf)	Thickness (in.)	Flexibility Index
Angle of Incidence (degrees)	0	0	45	.43	.09	4.21
Threat Weapon	Spike	Spike	Spike			
Average Penetration (millimeters)	0	4	0			

Templar BRK2 Ballistic Package (patent-pending) offers the lightest and thinnest option for Level II protection.

Ballistic Limits and Physical Properties

Ballistic Limit V-50 (fps)	Threat 1 9MM	Threat 2 .357 Mag	Threat 1 .357 SIG	Threat 2 .44Mag	Areal Density (psf)	Thickness (in.)	Flexibility Index
NIJ Level II	1633 (fps)	1617	N/A	N/A	1.30	.310	4.72

For additional information on this recently-revised standard, see www.ojp.usdoj.gov/nij.

A Century of Success

For nearly a century, MSA products such as the ACH Combat Helmet, Millennium® CBRN and Riot-Control Gas Masks, and hazardous gas detectors have provided safety solutions for the U.S. Military, firefighters, emergency task forces, FBI, DEA, state and local police, and sheriffs' deputies.

Gear That's Born From The Elite

MSA Paraclete offers designs inspired by years of

collaboration with United States Special Forces operators. Their most critical and demanding missions require gear that will help to ensure the highest protection levels with the greatest amount of flexibility, comfort, and ruggedness.

Gear That's Engineered For Performance And Designed For Comfort

Standards set the minimum requirements for MSA Paraclete gear. Our ballistic package designs have

always been subjected to rigorous testing, in excess of applicable standards. The new protocol calls for an increase in ballistic test shots per threat level (P-BFS) from 24 bullets for the NIJ 0101.04 certification to 72 for the new standard. A good move, however our armor designs have been shot at least 96 times for each threat level round before leaving our facility. Testing is conducted in-house at one of our four ballistics testing labs, then verified and certified at an NIJ-approved lab.

Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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