

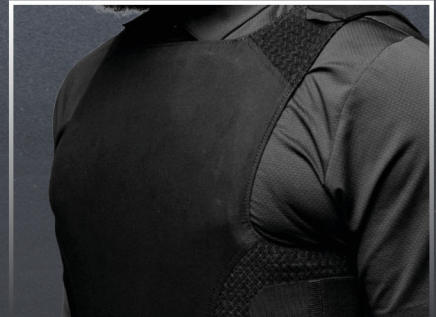


TECHNICAL DATASHEET

PHANTOM

[CAV] COVERT ARMOR VEST

- ★ NIJ 07 Ballistic Rated
- ★ Military DOD Frag Rated
- ★ Custom Armor Cuts Available



PRODUCT FEATURES

- ★ FLEXIBLE AND BREATHABLE
- ★ ANTI-MICROBIAL COATING
- ★ PATROL CUT FOR OPTIMIZED MOBILITY
- ★ SIZING OPTIONS TO COVER ALL DEMOGRAPHICS
- ★ COMPATIBLE WITH A WIDE RANGE OF SOFT ARMORS
- ★ AGENCY COLORS AVAILABLE UPON REQUEST

Designed for law enforcement professionals, the Phantom covert armor vest delivers superior protection in a lightweight, breathable form. Featuring a patrol cut for unrestricted mobility and an anti-microbial coating for service life elongation. Accepts a wide range of soft armor systems. This vest combines flexibility, performance and durability for those who serve.



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TECHNICAL DATASHEET

MCHG2

[SA] SOFT ARMOR

Designed using the best armor materials produced in the USA, the MCHG2 soft armor system is optimized for long duration and comfort while providing a wide range of protection. Manufactured in Phoenix, Arizona, the MCHG2 utilizes USA-made UHMWPE and Aramid composites and fabrics to achieve best-in-class performance. Impact Innovations' patent pending assembly method provides next generation flexibility and edge to edge coverage, even against the most aggressive angles of attack. Fragment rated to DOD requirements; the MCHG2 spans both the law enforcement and military requirements. Globally tested against regional threats, the MCHG2 offers NIJ 0101.07 performance and beyond.

CERTIFIED SPEC

NIJ 0101.07 MODEL #	MCHG2	
NIJ 0101.07 THREAT LEVEL	HG2	
NIJ CERTIFICATION SIZES	C1-C5	
BALLISTIC MATERIALS	SPECTRASHIELD UHMWPE / ARAMID	
WEIGHT	1.18 PSF (5.8 KSM)	
THINNESS	0.31" IN (7.8 MM)	
V50 - 9MM LUGER FMJ RN 124GR	NEW - 1907 FT/S (581 M/S)	CONDITIONED - 1830 FT/S (558 M/S)
P-BFS - 9MM LUGER FMJ RN 124GR	28 MM	29 MM
V50 - 44MAG JHP 240GR	NEW - 1750 FT/S (534 M/S)	CONDITIONED - 1717 FT/S (523 M/S)
P-BFS - 44MAG JHP 240GR	37 MM	38 MM

SPECIAL THREAT TESTING

V50 - 2 GR RCC	3087 FPS (941 MPS)	V50 - 9MM 127GR SXT	1727 FPS (527 MPS)
V50 - 4 GR RCC	2626 FPS (800 MPS)	P-BDF - 9MM 127GR SXT	29 MM
V50 - 16 GR RCC	2163 FPS (659 MPS)	V50 - 5.7X28HR SS197	2348 FPS (716 MPS)
V50 - 64 GR RCC	1704 FPS (520 MPS)	P-PFS - 5.7X28HR SS197	20 MM
V50 - 17GR FSP (.22CAL)	2054 FPS (626 MPS)	V50 - 7.62x25mm Tokarev SJLC	1738 FPS (530 MPS)
		P-BFS - 7.62x25mm Tokarev SJLC	26 MM



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TECHNICAL DATASHEET

HTHG2

[SA] SOFT ARMOR



Designed using the best armor materials in the USA, the HTHG2 soft armor system is lightweight, thin, flexible and optimized for covert and long duration wear. Fully Berry Compliant, the HTHG2 utilizes USA-made SpectraShield(R) and Kevlar(R) materials to achieve best-in-class performance. Impact Innovations' patent pending assembly method provides next generation flexibility and edge to edge coverage, even against the most aggressive angles of attack. Fragment rated to DOD requirements; the HTHG2 spans both the elite law enforcement and military requirements. Globally tested against regional threats, the HTHG2 offers NIJ 0101.07 performance and beyond.

CERTIFIED SPEC

NIJ 0101.07 MODEL #	HTHG2	
NIJ 0101.07 THREAT LEVEL	HG2	
NIJ CERTIFICATION SIZES	C1-C5	
BALLISTIC MATERIALS	SPECTRASHIELD / DUPONT KEVLAR (BERRY COMPLIANT)	
WEIGHT	0.98 PSF (4.8 KSM)	
THINNESS	0.23 IN (5.8 MM)	
V50 - 9MM LUGER FMJ RN 124GR	NEW - 1890 FT/S (576 M/S)	CONDITIONED - 1880 FT/S (573 M/S)
P-BFS - 9MM LUGGER FMJ RN 124GR	30 MM	29 MM
V50 - 44MAG JHP 240GR	NEW - 1732 FT/S (528 M/S)	CONDITIONED - 1675 FT/S (511 M/S)
P-BFS - 44MAG JHP 240GR	36 MM	36 MM

SPECIAL THREAT TESTING

V50 - 2 GR RCC	2979 FPS (908 MPS)
V50 - 4 GR RCC	2558 FPS (780 MPS)
V50 - 16 GR RCC	2194 FPS (669 MPS)
V50 - 64 GR RCC	1845 FPS (563 MPS)
V50 - 17GR FSP (.22CAL)	2054 FPS (626 MPS)

V50 - 9MM 127GR SXT	1753 FPS (534 MPS)
P-BDF - 9MM 127GR SXT	28 MM
V50 - 5.7X28HR SS197	2307 FPS (703 MPS)
P-PFS - 5.7X28HR SS197	23 MM
V50 - 7.62x25mm Tokarev SJLC	1640 FPS (500 MPS)
P-BFS - 7.62x25mm Tokarev SJLC	26 MM



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