

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.



HTHG2

[SA] SOFT ARMOR



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 - 9MM 127GR SXT	1753 FPS (534 MPS)
V50 - 4 GR RCC	2558 FPS (780 MPS)	P-BDF - 9MM 127GR SXT	28 MM
V50 - 16 GR RCC	2194 FPS (669 MPS)	V50 - 5.7X28HR SS197	2307 FPS (703 MPS)
V50 - 64 GR RCC	1845 FPS (563 MPS)	P-PFS - 5.7X28HR SS197	23 MM
V50 - 17GR FSP (.22CAL)	2054 FPS (626 MPS)	V50 - FN 5.7 TOKAREV	1640 FPS (500 MPS)
		P-BFS - FN 5.7 TOKAREV	26 MM

Copyright © IMPACT INNOVATIONS 2026 - All rights reserved. All dimensions and weights are nominal. Nothing in this document constitutes an offer or is a substitute for the need to employ adequate technical expertise and judgment.



sales@i2armor.com
(480)256-1037

6424 E. Greenway Parkway,
Scottsdale, AZ 85254

i2armor.com



MADE IN THE USA | BERRY COMPLIANT