



ARMOR

LEVEL IIIA | TECH SPECS



GENERAL_

TEST STANDARD	NIJ Standard: 0101.06
THREAT TYPE	Ballistic Level IIIA
MODEL	HW-2019-01-SB

DESIGN_

CONFIGURATION	Neutral
ARMOR MATERIAL	DSM Dyneema®
ARMOR PANEL COVERING	70D Brook wood Balloon HST

PERFORMANCE_

AREAL DENSITY	0.68 lbs/ft2
THINNESS	0.23 in (5.84 mm)
NEW V50 - .357 SIG FMJ (FN) 125 GR	1849 ft/s (563.6 m/s)
CONDITIONED V50 - .357 SIG FMJ (FN) 125 GR.	1880 ft/s (573.0 m/s)
NEW V50 - .44 MAG SJHP 240 GR.	1790 ft/s (545.6 m/s)
CONDITIONED V50 - .44 MAG SJHP 240 GR.	1663 ft/s (506.9 m/s)
BACKFACE AVERAGE - .357 SIG FMJ (FN) 125 GR.	26.0 mm
BACKFACE AVERAGE - .44 MAG SJHP 240 GR.	36.0 mm

ADDITIONAL SPECIAL THREATS_*

- Speer 357 Sig 125gr GDHP (23918) @ 1465 fps
- Win 9mm 127gr. +P+ SXT (RA9TA) @ 1460 fps
- Win 40 Cal 165gr SXT (RA40TA) @ 1230 fps
- 7.62x25 - 85gr.Tokarev Romanian @ 1550 fps
- Fed 9mm 100gr Frangible (BC9NT3) @ 1100 fps
- FNH USA 5.7x28mm 40 gr. Blue Tip SS197SR @ 1950 fps
- FNH USA 5.7X28mm 27 gr. SS195LFHP @ 2050fps
- Frag TestingV-50 (clay backing)

2 gr.	2632
4 gr.	2336
16 gr.	1990
64 gr.	1694

* All special threat testing was completed at an independent, certified NIJ laboratory and in accordance with a modified NIJ 0101.06 Standard unless otherwise stated.

These commodities, technology or software are controlled for export in accordance with the U.S Export Administration Regulations. Diversion contrary to U.S. law is prohibited.