



ARMOR

LEVEL II | TECH SPECS

HARDWIRE®
ARMOR SYSTEMS

GENERAL_

TEST STANDARD	NIJ Standard: 0101.06
THREAT TYPE	Ballistic Level II
MODEL	HW-2019-05-SB

DESIGN_

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

PERFORMANCE_

AREAL DENSITY	0.51 lbs/ft2
THINNESS	0.19 in (4.82 mm)
NEW V50 – 9MM FMJ 124 GR.	1780 ft/s (542.5 m/s)
CONDITIONED V50 – 9MM FMJ 124 GR.	1735 ft/s (528.8 m/s)
NEW V50 – .357 MAG JSP 158 GR.	1737 ft/s (529.4 m/s)
CONDITIONED V50 – .357 MAG JSP 158 GR.	1683 ft/s (513.0 m/s)
BACKFACE AVERAGE – 9MM FMJ 124 GR.	26.0 mm
BACKFACE AVERAGE – .357 MAG JSP 158 GR.	31.6 mm
RPI – 9MM FMJ RN 124 gr.	3490
RPI – .357 MAG JSP 158 gr.	3406

ADDITIONAL SPECIAL THREATS_*

- Fed 9mm 124gr +P HST(P9HST3) @ 1310 fps
- Win 40 Cal 165gr SXT (RA40TA) @ 1230 fps
- Speer 357 Sig 125gr GDHP (23918) @ 1465 fps
- FN SS197 Blue Tip @ 1750 fps
- Win 9mm 127gr. +P+ SXT (RA9TA) @ 1250 fps
- .44 Mag 240gr. SJHP @ 1430 fps

* 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.

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