

HARDWIRE

HARDWIRE NIJ LEVEL II BODY ARMOR - 0.51 PSF TECHNICAL SPECIFICATION

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 Brookwood Balloon HST

Performance

Areal Density	0.51 lbs/ft ²
Thickness	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

*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.*