

HARDWIRE

0.74 PSF LEVEL IIIA SOLUTION TECHNICAL SPECIFICATION

General

Test Standard	NIJ Standard 0101.06
Threat Type	Ballistic Level IIIA
Model	HW-2015-09-SB

Design

Configuration	Neutral
Armor Material	DSM Dyneema®
Armor Panel Covering	70D Brookwood Balloon HST

Performance

Areal Density	0.74 lbs/ft ² (3.61 kg/m ²)
Thickness	0.19 in (4.826 mm)
New V50 - .357 SIG FMJ (FN) 125 GR.	1791 ft/s (545.9 m/s)
Conditioned V50 - .357 SIG FMJ (FN) 125 gr.	1773 ft/s (540.4 m/s)
New V50 - .44 Mag SJHP 240 gr.	1634 ft/s (498.0 m/s)
Conditioned V50 - .44 Mag SJHP 240 gr.	1677 ft/s (511.1 m/s)
Backface Average - .357 SIG FMJ (FN) 125 gr.	28.0mm
Backface Average - .44 Mag SJHP 240 gr.	37.0 mm

Additional Special Threats*

Speer .357 SIG 125 gr GDHP (23918) @ 1465 ft/s
Winchester 9mm 127 gr +P+ SXT (RA9TA) @ 1340 ft/s
Winchester 40 Cal 165 gr SXT (RA40TA) @ 1230 ft/s
7.62x25 85 gr Tokarev Romanian @ 1530 ft/s
Federal 9mm 100 gr Frangible (BC9NT3) @ 1100 ft/s
FNH USA 5.7x28mm 40 gr Blue Tip (SS197SR) @ 1750 ft/s
FNH USA 5.7x28mm 27 gr JHP Bullet (SS195LF) @ 2050 ft/s

Frag Testing V50 (clay backing)

2 gr @ 2610 ft/s
4 gr @ 2388 ft/s
16 gr @ 1886 ft/s
64 gr @ 1586 ft/s
STANAG 17 gr @ 1815 ft/s

** 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*

EXPORT CONTROLLED DATA

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.