

HARDWIRE

0.68 PSF LEVEL IIIA SOLUTION TECHNICAL SPECIFICATION

General

Test Standard	NIJ Standard 0101.06
Threat Type	Ballistic Level IIIA
Model	HW-2015-10-SB

Design

Configuration	Neutral
Armor Material	DSM Dyneema®
Armor Panel Covering	30D Brookwood Cover HST

Performance

Areal Density	0.68 lbs/ft ² (3.32 kg/m ²)
Thickness	0.18 in (4.572 mm)
New V50 - .357 SIG FMJ (FN) 125 GR.	1755 ft/s (534.9 m/s)
Conditioned V50 - .357 SIG FMJ (FN) 125 gr.	1772 ft/s (540.1 m/s)
New V50 - .44 Mag SJHP 240 gr.	1661 ft/s (506.3 m/s)
Conditioned V50 - .44 Mag SJHP 240 gr.	1790 ft/s (545.6 m/s)
Backface Average - .357 SIG FMJ (FN) 125 gr.	27.2mm
Backface Average - .44 Mag SJHP 240 gr.	35.4 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 @ 2762 ft/s
4 gr @ 2454 ft/s
16 gr @ 1911 ft/s
64 gr @ 1670 ft/s
STANAG 17 gr @ 1894 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*

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