

Hardwire's proprietary manufacturing technology equates to the lightest armor in the world, with unprecedented stopping power. This sets a new standard in shock dissipation physics, momentum transfer efficiency, and ultimately, ballistic properties.

DESIGN

CONFIGURATION	Neutral	Neutral
ARMOR MATERIAL	DSM Dyneema [®]	DSM Dyneema [®]
ARMOR PANEL COVERING	70D Brookwood Balloon HST	30D Brookwood Cover HST



TECHNICAL SPECIFICATION

MODEL	HW-2015-09-SB	HW-2015-10-SB
THREAT TYPE	Ballistic Level IIIA	Ballistic Level IIIA
TEST STANDARD	NIJ Standard: 0101.06	NIJ Standard: 0101.06

PERFORMANCE

AREAL DENSITY	0.74 lbs/ft ² (3.61 kg/m ²)	0.68 lbs/ft ² (3.32 kg/m ²)
THINNESS	0.19 in (4.826 mm)	0.18 in (4.572 mm)
NEW V50 - 9MM FMJ RN 124 GR.		
NEW V50 - .357 SIG FMJ FN 125 GR.	1791 ft/s (545.9 m/s)	1755 ft/s (534.9 m/s)
CONDITIONED V50 - 9MM FMJ RN 124 GR.		
CONDITIONED V50 - .357 SIG FMJ FN 125 GR.	1773 ft/s (540.4 m/s)	1772 ft/s (540.1 m/s)
NEW V50 - .357 MAG JSP 158 GR.		
NEW V50 - .44 MAG JSP 240 GR.	1634 ft/s (498.0 m/s)	1661 ft/s (506.3 m/s)
CONDITIONED V50 - .357 MAG JSP 158 GR.		
CONDITIONED V50 - .44 MAG JSP 240 GR.	1677 ft/s (511.1 m/s)	1790 ft/s (545.6 m/s)
BACKFACE AVERAGE - 9MM		
BACKFACE AVERAGE - .357 SIG	28.0 mm	27.2 mm
BACKFACE AVERAGE - .357 MAG		
BACKFACE AVERAGE - .44 MAG	37.0 mm	35.4 mm