

DESIGN

CONFIGURATION	Neutral & Structured
ARMOR MATERIAL	Honeywell® Spectra Shield®, Honeywell® Gold Shield®, DuPont™ Kevlar®, SAATI
ARMOR PANEL COVERING	Dual Covered, 2-Ply, Laminated 4-way Stretch Polyknit and TPU Lamination System



Honeywell DuPont™ Kevlar. —SAATI

The thinnest, lightest and one of the strongest ballistic panels available. Born of breakthrough technologies and exclusive materials, SX offers unmatched performance for comfort, flexibility, durability and strength in a hybrid design.

TECHNICAL SPECIFICATION

MODEL	BA-2000S-SX02	BA-2000S-SX02F	BA-3A00S-SX02	BA-3A00S-SX02F
THREAT TYPE	Ballistic Level II	Ballistic Level II	Ballistic Level IIIA	Ballistic Level IIIA
TEST STANDARD	NIJ Standard: 0101.06	NIJ Standard: 0101.06	NIJ Standard: 0101.06	NIJ Standard: 0101.06

PERFORMANCE

	BA-2000S-SX02	BA-2000S-SX02F	BA-3A00S-SX02	BA-3A00S-SX02F
AREAL DENSITY	0.59 lb/ft ² (2.88 kg/m ²) ⁰	.61 lbs/ft ² (2.98 kg/m ²) * ⁰	.83 lbs/ft ² (4.06 kg/m ²) ⁰	.85 lbs/ft ² 4.30 kg/m ² *
THINNESS	0.160 in (4.06 mm)	0.165 in (4.19 mm) *	0.190 in (4.82 mm)	0.200 in (5.08 mm) *
NEW V50 - 9MM FMJ RN 124 GR.	1817 ft/s (554 m/s)	Front Panel: 1810 ft/s (552 m/s) Back Panel: 1817 ft/s (554 m/s)**		
NEW V50 - .357 SIG FMJ FN 125 GR.			1912 ft/s (583 m/s)	Front Panel: 1891 ft/s (576 m/s) Back Panel: 1912 ft/s (583 m/s)**
CONDITIONED V50 – 9MM FMJ RN 124 GR.	1757 ft/s (536 m/s)	Front Panel: 1704 ft/s (519 m/s) Back Panel: 1757 ft/s (536 m/s)**		
CONDITIONED V50 - .357 SIG FMJ FN 125 GR			1833 ft/s (559 m/s)	Front Panel: 1870 ft/s (570 m/s) Back Panel: 1833 ft/s (559 m/s)**
NEW V50 – .357 MAG JSP 158 GR.	1699 ft/s (518 m/s)	Front Panel: 1699 ft/s (518 m/s) Back Panel: 1699 ft/s (518 m/s) **		
NEW V50 - .44 MAG JSP 240 GR.			1740 ft/s (530 m/s)	Front Panel: 1670 ft/s (509 m/s) Back Panel: 1740 ft/s (530 m/s)**
CONDITIONED V50 – .357 MAG JSP 158 GR.	1575 ft/s (480 m/s)	Front Panel: 1707 ft/s (520 m/s) Back Panel: 1575 ft/s (480 m/s)**		
CONDITIONED V50 - .44 MAG JSP 240 GR.			1670 ft/s (509 m/s)	Front Panel: 1679 ft/s (512 m/s) Back Panel: 1670 ft/s (509 m/s)**
BACKFACE AVERAGE – 9MM	30.40 mm	30.40 mm *		
BACKFACE AVERAGE - .357 SIG			29.20 mm	30.46 mm *
BACKFACE AVERAGE – .357 MAG	34.80 mm	34.40 mm *		
BACKFACE AVERAGE - .44 MAG			37.30 mm	38.21 mm *

Information contained in this document is subject to material tolerances and test facility conditions. Specifications and/or products shown are subject to change without notice and may differ from the illustrative depictions. Full technical details / specifications are available upon request.

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