



SXTM
A R M O R



Honeywell
Ballistic Materials

DuPont™
Kevlar®

—SAATI

SAFARILAND®



TECHNICAL SPECIFICATION **SX02-II**

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

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	Honeywell® Spectra®, DuPont™ Kevlar®, SAATI
ARMOR PANEL COVERING	Dual Covered, 2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

PERFORMANCE

AREAL DENSITY	0.59 lb/ft² (2.88 kg/m²)
THINNESS	0.160 in (4.06 mm)
NEW V50 - 9MM FMJ RN 124 GR.	1817 ft/s (554 m/s)
CONDITIONED V50 - 9MM FMJ RN 124 GR.	1757 ft/s (536 m/s)
NEW V50 - .357 MAG JSP 158 GR.	1699 ft/s (518 m/s)
CONDITIONED V50 - .357 MAG JSP 158 GR.	1575 ft/s (480 m/s)
BACKFACE AVERAGE - 9MM	30.40 mm
BACKFACE AVERAGE - .357 MAG	34.80 mm

ADDITIONAL SPECIAL THREATS

- Meets/Exceeds Requirements of FBI Body Armor Test Protocol
- Winchester Ranger T-Series, 9mm, 127 gr. +P+ SXT (RA9TA) @ Tested Velocity of 1300 ± 30 fps
- Winchester Ranger T-Series, .40 S&W, 165 gr. SXT (RA40TA) @ Tested Velocity of 1230 ± 30 fps
- Speer .357 Sig, 125 gr. Gold Dot Hollow Point (23918) @ Tested Velocity of 1465 +/- 30 fps
- Federal 9mm, 124 gr. +P HST (P9HST3) @ Tested Velocity of 1300 ± 30 fps
- FN 5.7x28mm, 40 gr. SS197 Sporting Round, Blue-Tip Hornady V-Max Bullet @ Tested Velocity of 1750 ± 50 fps

Special threats tested at an independent certified NIJ laboratory in accordance with Modified / Abbreviated NIJ 0101.06 Standard IAW Sec. 7.8.1 unless otherwise specified.

EXPORT CONTROLLED DATA

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TECHNICAL SPECIFICATION **SX02-IIIA**

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

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	Honeywell® Spectra Shield®, Honeywell® Gold Shield®, DuPont™ Kevlar®, SAATI
ARMOR PANEL COVERING	Dual Covered, 2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

PERFORMANCE

AREAL DENSITY	0.83 lbs/ft2 (4.06 kg/m2)
THINNESS	0.190 in (4.82 mm)
NEW V50 - .357 SIG FMJ FN 125 GR.	1912 ft/s (583 m/s)
CONDITIONED V50 - .357 SIG FMJ FN 125 GR.	1833 ft/s (559 m/s)
NEW V50 - .44 MAG JSP 240 GR.	1740 ft/s (530 m/s)
CONDITIONED V50 - .44 MAG JSP 240 GR.	1670 ft/s (509 m/s)
BACKFACE AVERAGE - .357 SIG	29.20 mm
BACKFACE AVERAGE - .44 MAG	37.30 mm

ADDITIONAL SPECIAL THREATS

- Meets/Exceeds Requirements of DEA Body Armor Test Protocol
- Meets/Exceeds Requirements of FBI Body Armor Test Protocol
- Speer .357 Sig, 125 gr. Gold Dot Hollow Point (23918) @ Tested Velocity of 1465 ± 30 fps
- Winchester Ranger T-Series, 9mm, 127 gr. +P+ SXT (RA9TA) @ Tested Velocity of 1340 ± 30 fps
- Winchester Ranger T-Series, .40 S&W, 165 gr. SXT (RA40TA) @ Tested Velocity of 1230 ± 30 fps
- Romanian Tokarev 7.62x25mm, 85 gr. FMJ (Steel Jacketed Lead Core) Tokarev @ Tested Velocity of 1530 ± 30 fps
- Federal 9mm, 100 gr. Frangible (BC9NT3) @ Tested Velocity of 1100 ± 30 fps
- FN 5.7x28mm, 40 gr. SS197 Sporting Round, Blue-Tip Hornady V-Max Bullet @ Tested Velocity of 1750 ± 50 fps
- FN 5.7x28mm, 28 gr. SS195LF Hollow Point @ Tested Velocity of 2050 ± 50 fps
- Fragmentation Testing - 2gr. FSP Tested Velocity of 2853 ft/s
- Fragmentation Testing - 4gr. FSP Tested Velocity of 2482 ft/s
- Fragmentation Testing - 16gr. FSP Tested Velocity of 2101 ft/s
- Fragmentation Testing - 17gr. FSP Tested Velocity of 2032 ft/s
- Fragmentation Testing - 64gr. FSP Tested Velocity of 1703 ft/s

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TECHNICAL SPECIFICATION **SX02F-II**

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

DESIGN

CONFIGURATION	Structured
ARMOR MATERIAL	Honeywell® Spectra®, DuPont™ Kevlar®, SAATI
ARMOR PANEL COVERING	Dual Covered, 2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

PERFORMANCE

AREAL DENSITY *	0.61 lbs/ft² (2.98 kg/m²)
THINNESS *	0.165 in (4.19 mm)
FRONT PANEL - NEW V50 - 9MM FMJ RN 124 GR. **	1810 ft/s (552 m/s)
BACK PANEL - NEW V50 - 9MM FMJ RN 124 GR. **	1817 ft/s (554 m/s)
FRONT PANEL - CONDITIONED V50 - 9MM FMJ RN 124 GR. **	1704 ft/s (519 m/s)
BACK PANEL - CONDITIONED V50 - 9MM FMJ RN 124 GR. **	1757 ft/s (536 m/s)
FRONT PANEL - NEW V50 - .357 MAG JSP 158 GR. **	1699 ft/s (518 m/s)
BACK PANEL - NEW V50 - .357 MAG JSP 158 GR. **	1699 ft/s (518 m/s)
FRONT PANEL - CONDITIONED V50 - .357 MAG JSP 158 GR. **	1707 ft/s (520 m/s)
BACK PANEL - CONDITIONED V50 - .357 MAG JSP 158 GR. **	1575 ft/s (480 m/s)
BACKFACE AVERAGE - 9MM *	30.40 mm
BACKFACE AVERAGE - .357 MAG *	34.40 mm

**In accordance with NIJ 0101.06 Female Testing the front panel must be tested separately from the back panel.

*This is an average of both the front and back panels.

ADDITIONAL SPECIAL THREATS

- Winchester 9mm, 127 gr. +P+ SXT (RA9TA) - Tested Velocity 1300 ± 30 ft/s
- Winchester .40 S&W 165 gr. SXT - Tested Velocity 1230 ± 30 ft/s
- Speer .357 Sig, 125 gr. GDHP (23918) - Tested Velocity 1465 ± 30 ft/s
- Federal 9mm, 124 gr. +P HST HP - Tested Velocity 1300 ± 30 ft/s
- FN 5.7x28mm .40 gr. SS197 Sporting Round, Blue Tip Hornady V-Max Bullet - Tested Velocity 1750 ± 30 ft/s

Special threats tested at an independent certified NIJ laboratory in accordance with Modified / Abbreviated NIJ 0101.06 Standard IAW Sec. 7.8.1 unless otherwise specified.

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TECHNICAL SPECIFICATION **SX02F-III A**

TEST STANDARD:
THREAT TYPE:
MODEL:

NIJ Standard: 0101.06
Ballistic Level IIIA
BA-3A00S-SX02F

DESIGN

CONFIGURATION	Structured
ARMOR MATERIAL	Honeywell® Spectra Shield®, Honeywell® Gold Shield®, DuPont™ Kevlar®, SAATI
ARMOR PANEL COVERING	Dual Covered, 2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

PERFORMANCE

AREAL DENSITY*	0.85 lbs/ft2 4.30 kg/m2
THINNESS*	0.200 in (5.08 mm)
FRONT PANEL - NEW V50 - .357 SIG FMJ FN 125 GR. **	1891 ft/s (576 m/s)
BACK PANEL - NEW V50 - .357 SIG FMJ FN 125 GR. **	1912 ft/s 583 m/s
FRONT PANEL - CONDITIONED V50 - .357 SIG FMJ FN 125 GR. **	1870 ft/s (570 m/s)
BACK PANEL - CONDITIONED V50 - .357 SIG FMJ FN 125 GR. **	1833 ft/s 559 m/s
FRONT PANEL - NEW V50 - .44 MAG JSP 240 GR. **	1670 ft/s (509 m/s)
BACK PANEL - NEW V50 - .44 MAG JSP 240 GR. **	1740 ft/s 530 m/s
FRONT PANEL - CONDITIONED V50 - .44 MAG JSP 240 GR. **	1679 ft/s (512 m/s)
BACK PANEL - CONDITIONED V50 - .44 MAG JSP 240 GR. **	1670 ft/s 509 m/s
BACKFACE AVERAGE - 357 SIG *	30.46 mm
BACKFACE AVERAGE - 44 MAG *	38.21 mm

**In accordance with NIJ 0101.06 Female Testing the front panel must be tested separately from the back panel.
*This is an average of both the front and back panels.

ADDITIONAL SPECIAL THREATS

- Speer .357 Sig, 125 gr. GDHP - Tested Velocity 1465 ± 30 ft/s
- Winchester 9mm, 127 gr. +P+SXT - Tested Velocity 1340 ± 30 ft/s
- Winchester .40 S&W 165 gr. SXT - Tested Velocity 1230 ± 30 ft/s
- Romanian Tokarev 7.62x25mm, 85 gr. Tokarev - Tested Velocity 1530 ± 30 ft/s
- Federal 9mm, 100 gr. Frangible - Tested Velocity 1100 ± 30 ft/s
- FN 5.7x28mm, 40 gr. SS197 Sporting Round, Blue Tip Hornady V-Max Bullet - Tested Velocity 1750 ± 30 ft/s
- FN 5.7x28mm, 27 gr. JHP SS195LF Hollow Point - Tested Velocity 2050 ± 30 ft/s

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