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ARMOR



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ADVANCED MATERIAL SOLUTIONS

SAFARILAND[®]

TECHNICAL SPECIFICATION MR01-II

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level II
MODEL:	BA-2000S-MR01

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	Honeywell® Gold Shield®, Teijin Twaron® Microlaminate
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	0.98 lbs/ft ² (4.78 kg/m ²)
THINNESS ASTM STANDARD D1777-97	0.219 in (5.56 mm)
NEW V50 - 9MM FMJ RN 124 GR.	1680 ft/s (512 m/s)
CONDITIONED V50 - 9MM FMJ RN 124 GR.	1658 ft/s (505 m/s)
NEW V50 - .357 MAG JSP 158 GR.	1696 ft/s (517 m/s)
CONDITIONED V50 - .357 MAG JSP 158 GR.	1606 ft/s (490 m/s)
BACKFACE AVERAGE - 9MM	26.62 mm
BACKFACE AVERAGE - .357 MAG	30.08 mm

ADDITIONAL SPECIAL THREATS

- Federal 9mm 127 gr. +P HST - Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) -
No Perforations - Shot-To-Edge Distance 2.0"-2.75"
- Winchester 9mm 127 gr. +P+ SXT - Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) -
No Perforations - Shot-To-Edge Distance 2.0"-2.75"
- Speer .357 Sig 125 gr. GDHP - Tested Velocity 1375 ± 30 ft/s (419 ± 9 m/s) -
No Perforations - Shot-To-Edge Distance 2.0"-2.75"
- Winchester .40 S&W 165 gr. SXT - Tested Velocity 1140 ± 30 ft/s (347 ± 9 m/s) -
No Perforations - Shot-To-Edge Distance 2.0"-2.75"

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

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.

TECHNICAL SPECIFICATION **MR01-IIA**

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level II
MODEL:	BA-2000S-MR01

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	Honeywell® Gold Shield®, Teijin Twaron® Microlaminate
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	0.98 lbs/ft² (4.78 kg/m²)
THINNESS ASTM STANDARD D1777-97	0.219 in (5.56 mm)
NEW V50 - 9MM FMJ RN 124 GR.	1680 ft/s (512 m/s)
CONDITIONED V50 - 9MM FMJ RN 124 GR.	1658 ft/s (505 m/s)
NEW V50 - .357 MAG JSP 158 GR.	1696 ft/s (517 m/s)
CONDITIONED V50 - .357 MAG JSP 158 GR.	1606 ft/s (490 m/s)
BACKFACE AVERAGE - 9MM	26.62 mm
BACKFACE AVERAGE - .357 MAG	30.08 mm

ADDITIONAL SPECIAL THREATS

- Federal 9 mm 127 gr. +P HST - Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) -
No Perforations - Shot-To-Edge Distance 2.0"-2.75"
- Winchester 9 mm 127 gr. +P+ SXT - Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) -
No Perforations - Shot-To-Edge Distance 2.0"-2.75"
- Speer .357 Sig 125 gr. GDHP - Tested Velocity 1375 ± 30 ft/s (419 ± 9 m/s) -
No Perforations - Shot-To-Edge Distance 2.0"-2.75"
- Winchester .40 S&W 165 gr. SXT - Tested Velocity 1140 ± 30 ft/s (347 ± 9 m/s) -
No Perforations - Shot-To-Edge Distance 2.0"-2.75"

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TECHNICAL SPECIFICATION MR01.1-III A

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level IIIA
MODEL:	BA-3A00S-MR01.1

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	Honeywell® Gold Shield®, Teijin Twaron® Sentinel®
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	1.27 lbs/ft ² (6.20 kg/m ²)
THINNESS ASTM STANDARD D1777-97	0.296 in (7.52 mm)
NEW V50 - .357 SIG FMJ FN 125 GR.	1818 ft/s (554 m/s)
CONDITIONED V50 - .357 SIG FMJ FN 125 GR.	1743 ft/s (531 m/s)
NEW V50 - .44 MAG JSP 240 GR.	1633 ft/s (498 m/s)
CONDITIONED V50 - .44 MAG JSP 240 GR.	1592 ft/s (585 m/s)
BACKFACE AVERAGE - .357 SIG	28.55 mm
BACKFACE AVERAGE - .44 MAG	36.92 mm

ADDITIONAL SPECIAL THREATS

- Meets/Exceeds Requirements of DEA Body Armor Test Protocol
- Winchester 9mm 127 gr. +P+ SXT - Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) - No Perforations
- Speer .357 Sig 125 gr. GDHP - Tested Velocity 1375 ± 30 ft/s (419 ± 9 m/s) - No Perforations
- Winchester .40 S&W 165 gr. SXT - Tested Velocity 1140 ± 30 ft/s (347 ± 9 m/s) - No Perforations
- Federal 9mm 100GR. RHT Frangible - Tested Velocity 1100 3fps - IAW Section 7.8.1 - Shot to edge distance 2.0"- 2.75"
- 7.62x25mm 85Gr. FMJ Romanian Tokarev - Tested Velocity @ 1530 ± 30fps - No Perforations- IAW Section 7.8.1 - Shot to edge distance 2.0"- 2.75"
- Fragmentation Testing - 2 gr. RCC - Tested Velocity 2998 ft/s
- Fragmentation Testing - 4 gr. RCC - Tested Velocity 2578 ft/s
- Fragmentation Testing - 16 gr. RCC - Tested Velocity 2227 ft/s
- Fragmentation Testing - 64 gr. RCC - Tested Velocity 1809 ft/s
- 9mm 124 Gr. FMJ - No Perforations - Per Customer Request
- 9mm 127Gr. SXT - No Perforations - Per Customer Request
- 40 S&W 165Gr. GDHP - No Perforations - Per Customer Request

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TECHNICAL SPECIFICATION MR01F-II

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level II
MODEL:	BA-2000S-MR01F

DESIGN

CONFIGURATION	Structured
ARMOR MATERIAL	Honeywell® Gold Shield® 2117, Honeywell® Gold Flex®, Teijin Twaron®
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	1.00 lbs/ft ² (4.88 kg/m ²)
THINNESS	0.239 in (6.07 mm)
NEW V50 – 9MM FMJ RN 124 GR.	1679 ft/s (512 m/s)
CONDITIONED V50 – 9MM FMJ RN 124 GR.	1720 ft/s (524 m/s)
NEW V50 – .357 MAG JSP 158 GR.	1635 ft/s (498 m/s)
CONDITIONED V50 – .357 MAG JSP 158 GR.	1579 ft/s (481 m/s)
BACKFACE AVERAGE – 9MM	27.91 mm
BACKFACE AVERAGE – .357 MAG	32.55 mm

ADDITIONAL SPECIAL THREATS

- Federal 9mm 127 gr. +P HST – Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) – No Perforations – Shot-To-Edge Distance 2.0”-2.75”
- Winchester 9mm 127 gr. +P+ SXT – Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) – No Perforations – Shot-To-Edge Distance 2.0”-2.75”
- Speer .357 Sig 125 gr. GDHP – Tested Velocity 1375 ± 30 ft/s (419 ± 9 m/s) – No Perforations – Shot-To-Edge Distance 2.0”-2.75”
- Winchester .40 S&W 165 gr. SXT – Tested Velocity 1140 ± 30 ft/s (347 ± 9 m/s) – No Perforations – Shot-To-Edge Distance 2.0”-2.75”

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 MR01F-IIIA

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level IIIA
MODEL:	BA-3A00S-MR01F

DESIGN

CONFIGURATION	Structured
ARMOR MATERIAL	Honeywell® Gold Shield® 2117, Honeywell® Gold Flex®, Teijin Twaron®
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	1.26 lbs/ft ² (6.15 kg/m ²)
THINNESS	0.256 in (6.50 mm)
NEW V50 - .357 SIG FMJ FN 125 GR.	1822 ft/s (555 m/s)
CONDITIONED V50 - .357 SIG FMJ FN 125 GR.	1791 ft/s (546 m/s)
NEW V50 - .44 MAG JSP 240 GR.	1677 ft/s (511 m/s)
CONDITIONED V50 - .44 MAG JSP 240 GR.	1626 ft/s (496 m/s)
BACKFACE AVERAGE - .357 SIG	28.05 mm
BACKFACE AVERAGE - .44 MAG	37.01 mm

ADDITIONAL SPECIAL THREATS

- Winchester 9mm 127 gr. +P+ SXT - Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) - No Perforations
- FN 5.7x28 27 gr. JHP - Tested Velocity 2042 ± 30 ft/s (622 ± 9 m/s) - No Perforations
- FN 5.7x28 40 gr. V-Max - Tested Velocity 1750 ± 30 ft/s (533 ± 9 m/s) - No Perforations
- Romanian 7.62x25 85 gr. Tokarev - Tested Velocity 1530 ± 30 ft/s (466 ± 9 m/s) - No Perforations

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.