



XTREME[®]
A R M O R



Honeywell
Ballistic Materials

DuPont[™]
Kevlar[®]

TEXTTECH
INDUSTRIES

—SAATI

SAFARILAND[®]



TECHNICAL SPECIFICATION XT03-II

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level II
MODEL:	BA-2000S-XT03

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	DuPont™ Kevlar® KM2+, Honeywell® Gold Shield® 2118, Tex Tech Core Matrix Technology™
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

PERFORMANCE

AREAL DENSITY	0.85 lbs/ft ² (4.15 kg/m ²)
THINNESS	0.180 in (4.57 mm)
NEW V50 – 9MM FMJ RN 124 GR.	1680 ft/s (512 m/s)
CONDITIONED V50 – 9MM FMJ RN 124 GR.	1740 ft/s (530 m/s)
NEW V50 – .357 MAG JSP 158 GR.	1610 ft/s (491 m/s)
CONDITIONED V50 – .357 MAG JSP 158 GR.	1604 ft/s (489 m/s)
BACKFACE AVERAGE – 9MM	29.23 mm
BACKFACE AVERAGE – .357 MAG	32.93 mm

ADDITIONAL SPECIAL THREATS

- Winchester 9mm 127 gr. +P+ SXT – Tested Velocity 1340 ± 30 ft/s (408 ± 9 m/s) – No Perforations
- Federal 9mm 100 gr. Frangible – Tested Velocity 1100 ± 30 ft/s (335 ± 9 m/s) – No Perforations
- Speer .357 Sig 125 gr. GDHP – Tested Velocity 1465 ± 30 ft/s (446 ± 9 m/s) – No Perforations
- Winchester .40 S&W 165 gr. SXT – Tested Velocity 1230 ± 30 ft/s (375 ± 9 m/s) – No Perforations
- Federal 9mm 124 gr. HST (P9HST3) Tested Velocity 1340 ± 30 fps
- FN 5.7x28mm, 40 gr. Hornady V-Max Bullet (Blue Tip-SS197) - Tested Velocity 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.

Approved for public release; distribution is unlimited

TECHNICAL SPECIFICATION XT03-IIIA

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level IIIA
MODEL:	BA-3A00S-XT03

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	DuPont™ Kevlar® Micro-laminate, Honeywell® Gold Shield® 2118, Tex Tech Core Matrix Technology™
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

PERFORMANCE

AREAL DENSITY	1.15 lbs/ft ² (5.61 kg/m ²)
THINNESS	0.250 in (6.35 mm)
NEW V50 - .357 SIG FMJ FN 125 GR.	1822 ft/s (555 m/s)
CONDITIONED V50 - .357 SIG FMJ FN 125 GR.	1764 ft/s (538 m/s)
NEW V50 - .44 MAG JSP 240 GR.	1638 ft/s (499 m/s)
CONDITIONED V50 - .44 MAG JSP 240 GR.	1627 ft/s (496 m/s)
BACKFACE AVERAGE - .357 SIG	28.23 mm
BACKFACE AVERAGE - .44 MAG	35.91 mm

ADDITIONAL SPECIAL THREATS

- Meets/Exceeds Requirements of DEA Body Armor Test Protocol
- Meets/Exceeds Requirements of FBI Body Armor Test Protocol
- Winchester 9mm 127 gr. +P+ SXT - Tested Velocity 1340 ± 30 ft/s (408 ± 9 m/s) - No Perforations
- Federal 9mm 100 gr. Frangible - Tested Velocity 1100 ± 30 ft/s (335 ± 9 m/s) - No Perforations
- Speer .357 Sig 125 gr. GDHP - Tested Velocity 1465 ± 30 ft/s (446 ± 9 m/s) - No Perforations
- Winchester .40 S&W 165 gr. SXT - Tested Velocity 1230 ± 30 ft/s (375 ± 9 m/s) - No Perforations
- Romanian 7.62x25 85 gr. Tokarev - Tested Velocity 1530 ± 30 ft/s (466 ± 9 m/s) - No Perforations
- FN 5.7x28 mm 27 gr. JHP SS195LF - Tested Velocity 2050 ± 50 ft/s (625 ± 15 m/s) - No Perforations
- Fragmentation Testing - 2 gr. RCC - Tested Velocity 2957 ft/s (901 m/s)
- Fragmentation Testing - 4 gr. RCC - Tested Velocity 2754 ft/s (839 m/s)
- Fragmentation Testing - 16 gr. RCC - Tested Velocity 2271 ft/s (692 m/s)
- Fragmentation Testing - 64 gr. RCC - Tested Velocity 1781 ft/s (543 m/s)

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TECHNICAL SPECIFICATION XT03F-II

TEST STANDARD:	NIJ Standard: 0101.06
1.615 in THREAT TYPE:	Ballistic Level II
MODEL:	BA-2000S-XT03F

DESIGN

CONFIGURATION	Structured
ARMOR MATERIAL	DuPont™ Kevlar® KM2+, Honeywell® Gold Shield® 2118, Tex Tech Core Matrix Technology™
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

PERFORMANCE

AREAL DENSITY	0.85 lbs/ft ² (4.15 kg/m ²)
THINNESS	0.180 in (4.57 mm)
NEW V50 - 9MM FMJ RN 124 GR.	1698 ft/s (518 m/s)
CONDITIONED V50 - 9MM FMJ RN 124 GR.	1666 ft/s (508 m/s)
NEW V50 - .357 MAG JSP 158 GR.	1671 ft/s (509 m/s)
CONDITIONED V50 - .357 MAG JSP 158 GR.	1508 ft/s (460 m/s)
BACKFACE AVERAGE - 9MM	29.72 mm
BACKFACE AVERAGE - .357 MAG	32.97 mm

ADDITIONAL SPECIAL THREATS

- Winchester 9mm 127 gr. +P+ SXT - Tested Velocity 1340 ± 30 ft/s (408 ± 9 m/s) - No Perforations
- Federal 9mm 100 gr. Frangible - Tested Velocity 1100 ± 30 ft/s (335 ± 9 m/s) - No Perforations
- Speer .357 Sig 125 gr. GDHP - Tested Velocity 1465 ± 30 ft/s (446 ± 9 m/s) - No Perforations
- Winchester .40 S&W 165 gr. SXT - Tested Velocity 1230 ± 30 ft/s (375 ± 9 m/s) - No Perforations
- Federal 9mm 124 gr. HST (P9HST3) Tested Velocity 1340 ± fps

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TECHNICAL SPECIFICATION XT03F-IIIA

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level IIIA
MODEL:	BA-3A00S-XT03F

DESIGN

CONFIGURATION	Structured
ARMOR MATERIAL	DuPont™ Kevlar® Micro-laminate, Honeywell® Gold Shield® 2118, Tex Tech Core Matrix Technology™
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

PERFORMANCE

AREAL DENSITY	1.15 lbs/ft ² (5.61 kg/m ²)
THINNESS	0.250 in (6.35 mm)
NEW V50 - .357 SIG FMJ FN 125 GR.	1823 ft/s (556 m/s)
CONDITIONED V50 - .357 SIG FMJ FN 125 GR.	1820 ft/s (555 m/s)
NEW V50 - .44 MAG JSP 240 GR.	1659 ft/s (506 m/s)
CONDITIONED V50 - .44 MAG JSP 240 GR.	1602 ft/s (488 m/s)
BACKFACE AVERAGE - .357 SIG	27.67 mm
BACKFACE AVERAGE - .44 MAG	37.19 mm

ADDITIONAL SPECIAL THREATS

- Winchester 9mm 127 gr. +P+ SXT - Tested Velocity 1340 ± 30 ft/s (408 ± 9 m/s) - No Perforations
- Federal 9mm 100 gr. Frangible - Tested Velocity 1100 ± 30 ft/s (335 ± 9 m/s) - No Perforations
- Speer .357 Sig 125 gr. GDHP - Tested Velocity 1465 ± 30 ft/s (446 ± 9 m/s) - No Perforations
- Winchester .40 S&W 165 gr. SXT - Tested Velocity 1230 ± 30 ft/s (375 ± 9 m/s) - No Perforations
- Romanian 7.62x25 85 gr. Tokarev - Tested Velocity 1530 ± 30 ft/s (466 ± 9 m/s) - No Perforations
- FN 5.7x28 mm 27 gr. JHP SS195LF - Tested Velocity 2050 ± 50 ft/s (625 ± 15 m/s) - No Perforations

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