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2016

CONCEALABLE BODY ARMOR WARBOOK

SAFARILAND®

ARMOR TECH

Turning vast corners in the science of ballistic engineering, Safariland® armor solutions has made it a goal to constantly challenge our team of experts to deliver the lightest, most flexible, and most powerful ballistics in the industry. Our hybrid engineering combining Safariland® patented technologies along with often exclusive materials from the best suppliers in the industry enables us to deliver an entirely unique and unsurpassable product to our valued customers.

THE SAFARILAND® ALLIANCE

Together, We Save Lives.™

DuPont™ Kevlar®

Barrday
ADVANCED MATERIAL SOLUTIONS

SAATI

TEIJIN
Human Chemistry, Human Solutions

TEXTECH INDUSTRIES

Honeywell
Ballistic Materials

SAFARILAND SAVES CLUB

JUSTIN CONLEY

SAVE 1724 | MT. ORAB POLICE DEPT.

On January 3, 2010 Officer Conley arrested a man for DUI. After processing the suspect, and as the suspect had no criminal history, he released the man to his wife and intended to file charges. The suspect upon his release and return home retrieved a .357 magnum revolver and returned to the police station where he lay in wait outside the entrance. When Officer Conley exited the station to retrieve a power bar from his cruiser the assailant shot him in the back, 1.5 inches from the bottom edge of his body armor directly over his spine.

The armor stopped the round and Officer Conley turned and returned fire while moving to cover. A running gunfight ensued and Officer Conley's partner joined by returning fire from inside the station. Both officers hit the assailant with fatal shots. The surgeon told Officer Conley the round would more than likely have been fatal if it wasn't for his body armor.

Officer Conley returned home safely and returned to duty.

BALLISTIC PANELS

BODY ARMOR

PRODUCTS + TECH SPECS

SAFARILAND

SX™ ARMOR

Honeywell
Ballistic Materials

DuPont™ Kevlar®

SAATI

SAFARILAND®

SX ARMOR

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.

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**

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.

SX ARMOR

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.

TECHNICAL SPECIFICATION SX02F-IIIA

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level IIIA
MODEL:	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**

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.

SUMMIT™
ARMOR

Honeywell
Ballistic Materials

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TECHNICAL SPECIFICATION SM02-II

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level II
MODEL:	BA-2000S-SM02

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	**Honeywell® Spectra Shield® 5128, Honeywell® Gold Shield® 2117, Tex Tech Core Matrix Technology™**
ARMOR PANEL COVERING	Dual covered, 2 Ply, 70 Denier Textured Nylon and TPU Lamination System

PERFORMANCE

AREAL DENSITY	**0.79 lbs/ft2 (3.86 kg/m2)**
THINNESS	**0.190 in (4.83 mm)**
NEW V50 – 9MM FMJ RN 124 GR.	**1770 ft/s (539 m/s)**
CONDITIONED V50 – 9MM FMJ RN 124 GR.	**1628 ft/s (496 m/s)**
NEW V50 – .357 MAG JSP 158 GR.	**1676 ft/s (511 m/s)**
CONDITIONED V50 – .357 MAG JSP 158 GR.	**1632 ft/s (497 m/s)**
BACKFACE AVERAGE – 9MM	**28.51 mm**
BACKFACE AVERAGE – .357 MAG	**33.02 mm**

ADDITIONAL SPECIAL THREATS

- **Winchester 9mm 127 gr. +P+ SXT – Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) – No Perforations**
- **Federal 9mm 124 gr. +P HST – 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**
- **FNH USA 5.7x28 mm 40 gr. Blue Tip-SS197SR – Tested Velocity 1750 ± 50 ft/s (533 ± 15 m/s) – No Perforations**
- **Fragmentation Testing – 2 Gr. RCC – Tested Velocity 2396 ft/s (730 m/s)**
- **Fragmentation Testing – 4 Gr. RCC – Tested Velocity 2090 ft/s (637 m/s)**
- **Fragmentation Testing – 16 Gr. RCC – Tested Velocity 1826 ft/s (557 m/s)**
- **Fragmentation Testing – 64 Gr. RCC – Tested Velocity 1527 ft/s (465 m/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.

SUMMIT ARMOR

TECHNICAL SPECIFICATION SM02-IIIA

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level IIIA
MODEL:	BA-3A00S-SM02

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	**Honeywell® Spectra Shield® 5128, Honeywell® Gold Shield® 2115 and 2117, Tex Tech Core Matrix Technology™**
ARMOR PANEL COVERING	Dual covered, 2 Ply, 70 Denier Textured Nylon Ripstop and TPU Lamination System

PERFORMANCE

AREAL DENSITY	**1.04 lbs/ft2 (5.08 kg/m2)**
THINNESS	**0.250 in (6.35 mm)**
NEW V50 – .357 SIG FMJ FN 125 GR.	**1868 ft/s (569 m/s)**
CONDITIONED V50 – .357 SIG FMJ FN 125 GR.	**1758 ft/s (536 m/s)**
NEW V50 – .44 MAG JSP 240 GR.	**1720 ft/s (524 m/s)**
CONDITIONED V50 – .44 MAG JSP 240 GR.	**1564 ft/s (477 m/s)**
BACKFACE AVERAGE – .357 SIG	**27.48 mm**
BACKFACE AVERAGE – .44 MAG	**34.86 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 1250 ± 30 ft/s (381 ± 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 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**
- **Romanian 7.62x25 85 gr. Tokarev – Tested Velocity 1530 ± 30 ft/s (466 ± 9 m/s) – No Perforations**
- **Fragmentation Testing – 2 Gr. RCC – Tested Velocity 2973 ft/s (906 m/s)**
- **Fragmentation Testing – 4 Gr. RCC – Tested Velocity 2617 ft/s (798 m/s)**
- **Fragmentation Testing – 16 Gr. RCC – Tested Velocity 2087 ft/s (636 m/s)**
- **Fragmentation Testing – 64 Gr. RCC – Tested Velocity 1731 ft/s (528 m/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.

TECHNICAL SPECIFICATION SM02F-II

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level II
MODEL:	BA-2000S-SM02F

DESIGN

CONFIGURATION	Structured
ARMOR MATERIAL	**Honeywell® Spectra Shield® 5128, Honeywell® Gold Shield® 2117, Tex Tech Core Matrix Technology™**
ARMOR PANEL COVERING	Dual covered, 2 Ply, 70 Denier Textured Nylon and TPU Lamination System

PERFORMANCE

AREAL DENSITY	**0.79 lbs/ft2 (3.86 kg/m2)**
THINNESS	**0.190 in (4.83 mm)**
NEW V50 – 9MM FMJ RN 124 GR.	**1717 ft/s (523 m/s)**
CONDITIONED V50 – 9MM FMJ RN 124 GR.	**1693 ft/s (516 m/s)**
NEW V50 – .357 MAG JSP 158 GR.	**1659 ft/s (506 m/s)**
CONDITIONED V50 – .357 MAG JSP 158 GR.	**1532 ft/s (467 m/s)**
BACKFACE AVERAGE – 9MM	**27.48 mm**
BACKFACE AVERAGE – .357 MAG	**32.18 mm**

ADDITIONAL SPECIAL THREATS

- **Winchester 9mm 127 gr. +P+ SXT – Tested Velocity 1250 ± 30 ft/s (381 ± 9 m/s) – No Perforations**
- **Federal 9mm 124 gr. +P HST – 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**

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.

SUMMIT ARMOR

TECHNICAL SPECIFICATION SM02F-IIIA

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level IIIA
MODEL:	BA-3A00S-SM02F

DESIGN

CONFIGURATION	Structured
ARMOR MATERIAL	**Honeywell® Spectra Shield® 5128, Honeywell® Gold Shield® 2115 and 2117, Tex Tech Core Matrix Technology™**
ARMOR PANEL COVERING	Dual covered, 2 Ply, 70 Denier Textured Nylon and TPU Lamination System

PERFORMANCE

AREAL DENSITY	**1.04 lbs/ft2 (5.08 kg/m2)**
THINNESS	**0.250 in (6.35 mm)**
NEW V50 – .357 SIG FMJ FN 125 GR.	**1863 ft/s (568 m/s)**
CONDITIONED V50 – .357 SIG FMJ FN 125 GR.	**1824 ft/s (556 m/s)**
NEW V50 – .44 MAG JSP 240 GR.	**1638 ft/s (499 m/s)**
CONDITIONED V50 – .44 MAG JSP 240 GR.	**1680 ft/s (512 m/s)**
BACKFACE AVERAGE – .357 SIG	**26.43 mm**
BACKFACE AVERAGE – .44 MAG	**36.19 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 1748 ± 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.

XTREME®
ARMOR

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Ballistic Materials

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XTREME ARMOR

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/ft2 (4.15 kg/m2)**
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/ft2 (5.61 kg/m2)**
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)**

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

XTREME ARMOR

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/ft2 (4.15 kg/m2)**
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**

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 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/ft2 (5.61 kg/m2)**
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**

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

MONARCH®
ARMOR

Honeywell
Ballistic Materials

TEIJIN
Human Chemistry, Human Solutions

Barrday
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/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 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.

MONARCH ARMOR

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”**

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.

TECHNICAL SPECIFICATION MR01.1-IIIA

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/ft2 (6.20 kg/m2)**
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**

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.

MONARCH ARMOR

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/ft2 (4.88 kg/m2)**
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.

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/ft2 (6.15 kg/m2)**
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.

PRISM®
ARMOR

SAFARILAND®

TECHNICAL SPECIFICATION MT01-IIIA

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level IIIA / Spike 3
MODEL:	MS-3A30S-MT01

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	**Honeywell® Gold Shield® 2115, Teijin Twaron® Microflex®, Teijin Twaron® Microlaminate®**
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	**1.44 lbs/ft2 (7.03 kg/m2)**
THINNESS	**0.410 in (10.41 mm)**
NEW V50 – .357 SIG FMJ FN 125 GR.	**1810 ft/s (552 m/s)**
CONDITIONED V50 – .357 SIG FMJ FN 125 GR.	**1795 ft/s (547 m/s)**
NEW V50 – .44 MAG JSP 240 GR.	**1695 ft/s (517 m/s)**
CONDITIONED V50 – .44 MAG JSP 240 GR.	**1645 ft/s (501 m/s)**
BACKFACE AVERAGE – .357 SIG	**28.80 mm**
BACKFACE AVERAGE – .44 MAG	**38.40 mm**

ADDITIONAL SPECIAL THREATS

- **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**

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.

PRISM ARMOR

TECHNICAL SPECIFICATION MT22.1II

TEST STANDARD:	NIJ Standard: 0101.06
THREAT TYPE:	Ballistic Level II / Spike 2
MODEL:	MS-2020S-MT22.1

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	**DuPont™ Kevlar®, DuPont™ Kevlar® XP™, Honeywell® Spectra Shield® 5122, Honeywell® Gold Shield® 2118**
ARMOR PANEL COVERING	GORE-TEX® 2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	**1.08 lbs/ft2 (5.27 kg/m2)**
THINNESS ASTM STANDARD D1777-97	**0.260 in (6.60 mm)**
NEW V50 – 9MM FMJ RN 124 GR.	**1683 ft/s (513 m/s)**
CONDITIONED V50 – 9MM FMJ RN 124 GR.	**1533 ft/s (467 m/s)**
NEW V50 – .357 MAG JSP 158 GR.	**1653 ft/s (504 m/s)**
CONDITIONED V50 – .357 MAG JSP 158 GR.	**1483 ft/s (452 m/s)**
BACKFACE AVERAGE – 9MM	**27.82 mm**
BACKFACE AVERAGE – .357 MAG	**31.91 mm**

PRISM ARMOR

TECHNICAL SPECIFICATION PS-1.0

TEST STANDARD:	NIJ Standard: 0115.00
THREAT TYPE:	Spike 1
MODEL:	PS-1.0

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	**Teijin Twaron® Microflex®**
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	**0.29 lbs/ft2 (1.42 kg/m2)**
THINNESS ASTM STANDARD D1777-97	**0.079 in (2.01 mm)**

PRISM ARMOR

TECHNICAL SPECIFICATION PS-2.2

TEST STANDARD:	NIJ Standard: 0115.00
THREAT TYPE:	Spike 2
MODEL:	PS-2.2

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	**Teijin Twaron® Microflex®**
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	**0.42 lbs/ft2 (2.05 kg/m2)**
THINNESS ASTM STANDARD D1777-97	**0.098 in (2.49 mm)**

TECHNICAL SPECIFICATION PS-3.0

TEST STANDARD:	NIJ Standard: 0115.00
THREAT TYPE:	Spike 3
MODEL:	PS-3.0

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	**Teijin Twaron® Microflex®**
ARMOR PANEL COVERING	2 Ply, 70 Denier Textured Nylon Blockade with TPU Lamination System

PERFORMANCE

AREAL DENSITY	**0.58 lbs/ft2 (2.83 kg/m2)**
THINNESS	**0.117 in (2.99 mm)**

CARRIERS

COVERT

SAFARILAND®

F1 ULTRA CONCEALABLE

COLOR WAY OPTIONS

WHITE | BEIGE | BLACK

SPECS:

- Second skin construction for ultra concealability
- Ergonomic design for multi-directional mobility
- Pullover one-piece with no zippers
- Maximum comfort for all day use
- Internal side entry for easy panel insertion
- Lightweight compression
- Breathable high performance laminated 4-way stretch fabric
- Water-resistant
- High-performance cooling spacer mesh liner reducing temperature by 3-4 degrees
- Antibacterial odor control finish

E1 CONCEALABLE

COLOR WAY OPTIONS

WHITE | TAN | BLACK | NAVY | GREEN

SPECS:

- High profile Velcro throughout
- Easy access front plate pocket
- Ultra lightweight poly microfiber outer shell fabric
- X-Static silver anti-microbial wicking mesh liner

M1 CONCEALABLE

COLOR WAY OPTIONS

TAN | WHITE | NAVY | GREEN | BLACK

SPECS:

- Transitional product (between entry level and performance)
- Front and rear plate pockets
- Removable contoured ergonomic straps, with controlled stretch
- Durable hexagon ripstop shell fabric
- Moisture X-Static® silver antimicrobial wicking mesh liner
- Full row high profile Velcro® closures
- Easy panel insert
- Strategically located ergonomic Velcro® channels for easy fastening and removal

P1 CONCEALABLE

COLOR WAY OPTIONS

WHITE | TAN | BLACK | NAVY | GREEN

SPECS:

- Lightweight four way stretch ripstop shell fabric
- Hidden accessory front loading pockets for personal items
- High performance Luxicool® cooling spacer mesh liner
- Complementary lightweight spacer mesh liner for improved airflow
- Removable and reversible contoured ergonomic straps with controlled stretch
- Front and back plate pockets
- Zip out front and back panels for easy accessibility
- Strategically located ergonomic Velcro® channels for easy fastening and removal
- High profile Velcro® fasteners for extra strength and durability
- Designed with Velcro® closures to allow body contouring for maximum comfort, reducing weight and bulk

HYPERX™ PERFORMANCE T-SHIRT BASE LAYER

COLOR WAY OPTIONS

BLACK | WHITE

SPECS:

- Integrated carrier ballistic system
- High profile Velcro® fasteners for extra strength and durability
- Strategically located ergonomic Velcro® channels for easy fastening and removal
- Maximun concealability through body contouring design
- Scalable system can be worn with and without side panels or plates
- Removable and reversible contoured ergonomic straps with controlled stretch
- Front and back plate pocket
- Interchangeable detachable and washable liner system:
  - Luxicool® cooling yarn
  - Channel spacer
  - High absorbent washable microfiber

HYPERX™ SCALABLE CARRIER SYSTEM

COLOR WAY OPTIONS

WHITE | BLACK

SPECS:

- High performance lightweight mid compression 4-way stretch fabric
- Ergonomic seams for comfort and mobility
- Flatlock stitching eliminates skin chafing

CARRIERS

OVERT

V1 EXTERNAL CARRIER CLEAN FRONT OPENING

COLOR WAY OPTIONS

TAN	NAVY
BLACK	GREEN

V1 EXTERNAL CARRIER CLEAN SIDE OPENING

SPECS:

- Custom clean laser cut MOLLE loops allow for VIEVU camera chest and shoulder placement
- Laser cut webbing for mic attachment on shoulders
- Removable ID pull down tabs
- Custom configured embellishment options
- Front hidden pockets with internal mesh pockets
- Clamshell Velcro® adjustable shoulders
- Adjustable sides
- Quick access angled hidden gun pocket
- Front opening loading plate pocket
- Back top loading plate pocket
- Discreet zippers for panel insertion
- Ribbed channel spacer cooling mesh throughout
- Back neck hidden drag strap
- Invista 100% Cordura nylon 500d
- Ergonomic textured zipper pulls
- Medical quality soft flexible breathable cummerbund elastic
- Front zipper openwing and traditional side opening versions available

V1 EXTERNAL CARRIER WITH POUCHES FRONT OPENING

COLOR WAY OPTIONS

TAN | NAVY | BLACK | GREEN

V1 EXTERNAL CARRIER WITH POUCHES SIDE OPENING

SPECS:

- Clamshell Velcro® adjustable shoulders
- Adjustable sides
- Hidden pockets with internal mesh pockets
- Front side opening loading plate pocket
- Back top loading plate pocket
- Discreet zippers for panel insertion
- Front opening zipper design offers convenient on & off
- Ribbed channel spacer cooling mesh liner throughout
- High profile Velcro® hook and loop for extra strength and durability
- Back neck hidden drag strap
- Laser cut webless MOLLE loop pouches (Mag, Radio, OC Spray, Baton/Flashlight)
- Ultra lightweight durable construction
- Invista 100% Cordura nylon 500d
- Front zipper opening and traditional side opening versions available
- Ergonomic textured zipper pulls
- Medical quality soft flexible breathable cummerbund elastic
- Quick access angled hidden gun pocket

V1 EXTERNAL CARRIER WEBLESS FRONT OPENING

COLOR WAY OPTIONS

TAN	NAVY
BLACK	GREEN

V1 EXTERNAL CARRIER WEBLESS SIDE OPENING

SPECS:

- Invista 100% Cordura® nylon 500d
- Newly designed angular laser cut webbing for improved strength - AWS 2.0
- Clamshell Velcro® adjustable shoulders
- Adjustable sides
- Front side opening loading plate pocket feature
- Back top loading plate pocket
- Discreet zippers for panel insertion
- Front opening zipper design offers convenient on & off
- Ribbed channel spacer cooling liner mesh throughout
- High profile Velcro® hook and loop for extra strength and durability
- Back neck hidden drag strap
- Quick access angled hidden gun pocket
- Ergonomic textured zipper pulls
- Medical quality soft flexible breathable cummerbund elastic
- Front zipper opening and traditional side opening versions available

U1 UNIFORM EXTERNAL CARRIER FRONT OPENING

COLOR WAY OPTIONS

TAN | NAVY | WHITE | BLACK | GREEN

U1 UNIFORM EXTERNAL CARRIER SIDE OPENING

SPECS:

- Classic pin-tuck uniform pocket shirt design
- Soil repellent 100% polyester shell fabric
- Front hidden pocket with additional internal mesh pockets
- Clamshell Velcro® adjustable shoulders
- Adjustable sides
- Quick access angled hidden gun pocket
- Front side opening loading plate pocket
- Back top loading plate pocket
- Discreet zippers for panel insertion
- Front opening zipper design offers convenient on & off
- Ribbed channel spacer cooling liner mesh throughout
- High profile Velcro® for extra strength and durability
- Back neck hidden drag strap

SIZING

MALE | FEMALE SIZING PROCEDURES

SAFARILAND®

SIZING

MALE SIZING PROCEDURES

Jared Reston
Save #1700

MALE SIZING PROCEDURE

PRIOR TO SIZING:

- Ensure the officer is in their duty uniform inclusive of their uniform pants, preferred undershirt (with empty pockets), and full duty rig with all equipment in gear / pouches.

TOOLS YOU NEED:

- Soft measuring tape
- An armless chair
- Appropriate sizing forms

TIPS:

- Do not hold the measuring tape too tight or too loose while taking measurements.
- Round up on girth measurements; round down on length measurements.

WHILE SIZING:

- Speak with the officer to determine their main concerns (i.e. fit, comfort, coverage or side closure). Make sure these concerns are within the agency's guidelines. Be sure to engage them in the process, making them feel comfortable to speak freely about their concerns. This will make for a much more satisfactory fit. Communication is key.

- Take this opportunity to discuss the vest they will be receiving and its features and benefits.

AFTER SIZING:

- Be sure to review the contents of the package that will come with their vest (i.e. Product Guide, Strap Kit, etc.).

- Demonstrate how to assemble and put on their new vest. Ensure they understand the internal suspension system and how to insert their Soft Trauma Plate (if applicable).

- Remind them to complete the warranty card and send it into the address as instructed.

MEASUREMENTS/SIZING

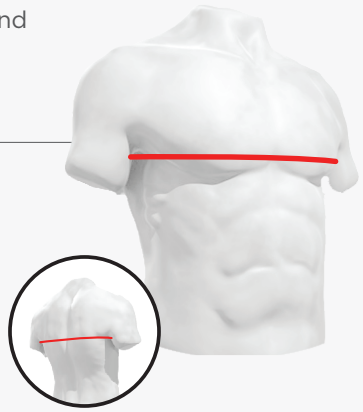
THE FOLLOWING MEASUREMENTS SHOULD BE TAKEN STANDING

STEP 1 RECORD OFFICER'S INFORMATION

- Record the officer's information including height and weight on the appropriate sizing form.

STEP 2 CHEST MEASUREMENT

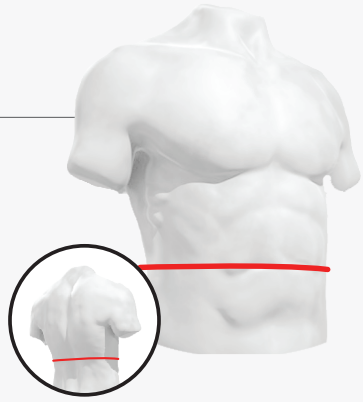
- Measure around widest part / apex of the chest, ensuring that the measuring tape is level across the back as well.
- Have the officer hold tape across their chest as you measure around to the back.



EXAMPLE: 52"

STEP 3 TOTAL GIRTH MEASUREMENT

- Measure around the widest part of the abdomen. Have the officer hold tape across their chest as you measure around to the back.
- Add the desired overlap (see overlap calculation chart below) to this measurement to achieve Total Girth.
- **Note:** If the difference between the Chest and Girth is more than 4" take the average of both measurements to obtain the total girth then add the overlap.



EXAMPLE:

GIRTH 49" **+ OVERLAP** 4" **= TOTAL GIRTH** 53"

Overlap Calculation Chart	
	☐ Butt Fit – **add 2"**
	☑ 1" Overlap – **add 4"**
	☐ 2" Overlap – **add 6"**

Choose the front and back size that matches closest to the above number from the size range chart below.

NOTE: Front panel must be as wide or wider than back panel to allow for wrap-around coverage.

FRONT PANEL WIDTHS:	16	18	20	22	24	26	(28)	30	32	34
BACK PANEL WIDTHS:	16	18	20	22	24	(26)	28	30	32	34

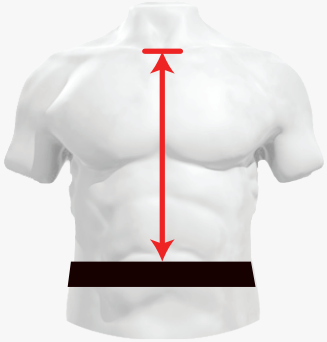
SIZE	28"		26"	
	FRONT PANEL WIDTH	FRONT PANEL LENGTH	BACK PANEL WIDTH	BACK PANEL LENGTH

MEASUREMENTS/SIZING

THE FOLLOWING MEASUREMENTS SHOULD BE TAKEN SEATED

STEP 4 CENTER FRONT LENGTH MEASUREMENT

- Sitting in a relaxed position at a 90° angle, measure from the clavicle notch to top of the duty belt.
- Take your center front torso length and subtract 1".



EXAMPLE:

FRONT CENTER 15" - 1" =
FRONT CENTER LENGTH 14"

SIZE	28"	14"	-	26"	
	FRONT PANEL WIDTH	FRONT PANEL LENGTH		BACK PANEL WIDTH	BACK PANEL LENGTH

THE FOLLOWING MEASUREMENTS SHOULD BE TAKEN STANDING

STEP 5 BACK LENGTH MEASUREMENT

- Measure from the nape (back neck bone) down to the top of the duty belt. Multiply that measurement by .80.

EXAMPLE:

BACK MEASUREMENT 20" X .80 =
BACK LENGTH 16"

Use the Back Length Measurement obtained above for selecting a Back Panel Length below. Then fill out the corresponding box with this size at the bottom of the page.

IMPORTANT TIPS:

1. **It is highly important to make this calculation in the presence of the officer.** Since you have to round this measurement to the nearest whole number, you will need to consult the officer to make the decision if they'd prefer their vest to be 0.5" longer or shorter. Again, it is recommended that you round down on length.
2. Normally, there should be no more than a 2-inch difference in length between the front and back panels. For example, if the back panel is a 17 inch length, normally the front will be no less than a 15 inch length. If they are, recheck your measurements and ensure you multiplied the back measurement by .80 and subtracted one two inches from the front measurement.

BACK LENGTH CHART

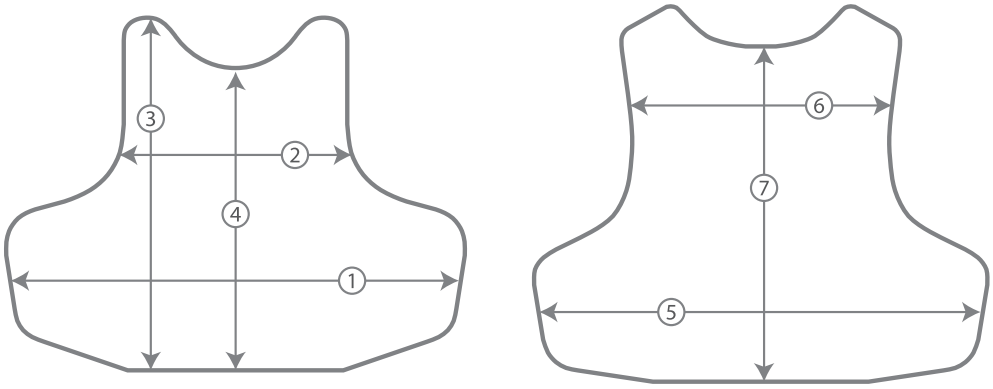
BACK LENGTH	X .80
12"	10"
13"	10"
14"	11"
15"	12"
16"	13"
17"	14"
18"	14"
19"	15"
20"	16"
21"	17"

SIZE	28"	16"	-	26"	16"
	FRONT PANEL WIDTH	FRONT PANEL LENGTH		BACK PANEL WIDTH	BACK PANEL LENGTH

Optional: The officer has the ability to adjust the back panel length. Please reference the Compatible Back Chart.

SIZING CHARTS

MALE PANEL DIMENSIONS



FRONT				BACK		
①	②	③	④	⑤	⑥	⑦
FRONT PANEL WIDTH	FRONT CHEST WIDTH	FT SIDE LENGTH C FR LTH / SD LTH	CENTER FRONT LENGTH	BACK PANEL WIDTH	UPPER BACK WIDTH	CENTER BACK LENGTH
16	9 1/2"	10 / 4 1/4"	10-17	16	11"	12"
18	9 1/2"	11 / 4 3/4"	10-17	18	11"	13"
20	10"	12/ 5 1/4"	10-17	20	11 1/2"	14"
22	10"	13 / 5 3/4"	10-17	22	11 1/2"	15"
24	10 1/2"	14 / 6 1/4"	11-18	24	12"	16"
26	11"	15 / 6 3/4"	11-18	26	12 1/2"	17"
28	11 1/2"	16 / 7 1/4"	11-18	28	13"	18"
30	12"	17 / 7 3/4"	11-18	30	13 1/2"	19"
32	12 1/2"	18 / 8 1/4"	12-19	32	14"	20"
34	13"	19 / 8 3/4"	12-19	34	14 1/2"	21"

SIZING CHARTS

SIZE RANGE CHART

*TOTAL GIRTH	FRONT	BACK
32	16	16
33	16-18	16
34	18	16
35	18	16-18
36	18	18
37	18-20	18
38	20	18
39	20	18-20
40	20	20
41	20-22	20
42	22	20
43	22	20-22
44	22	22

*TOTAL GIRTH	FRONT	BACK
45	22-24	22
46	24	22
47	24	22-24
48	24	24
49	24-26	24
50	26	24
51	26	24-26
52	26	26
53	26-28	26
54	28	26
55	28	26-28
56	28	28
57	28-30	28

*TOTAL GIRTH	FRONT	BACK
58	30	28
59	30	28-30
60	30	30
61	30-32	30
62	32	30
63	32	30-32
64	32	32
65	32-34	32
66	34	32
67	34	32-34
68	34	34
*overlap included		

COMPATIBLE BACK CHART

FRONT LENGTH	BACK LENGTH
10	11
	12*
	13
11	12
	13*
	14

FRONT LENGTH	BACK LENGTH
12	13
	14*
	15
13	14
	15*
	16

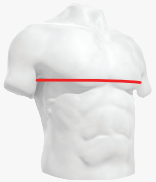
FRONT LENGTH	BACK LENGTH
14	15
	16*
	17
15	16
	17*
	18

FRONT LENGTH	BACK LENGTH
16	17
	18*
	19
17	18
	19*
	20

FRONT LENGTH	BACK LENGTH
18	19
	20*
	21
19	20
	21*
	22

DETERMINE YOUR VEST SIZE

Fill out your vest size by entering in the measurements as they correspond to the appropriate steps.

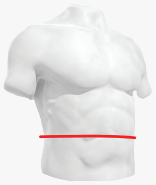


MEASURE STANDING

FULL CHEST MEASUREMENT

Measure around widest part / apex of the chest, ensuring that the measuring tape is level across the back as well. Have the officer hold tape across their chest as you measure around to the back.

52" ins.



TOTAL GIRTH MEASUREMENT

Use this Total Girth Measurement for selecting a Front/Back Panel Width below. Measure around the widest part of the abdomen. Have the officer hold tape across their abdomen as you measure around to the back. Add the desired overlap to the girth measurement to achieve "Total Girth" measurement.

GIRTH 49" **+ OVERLAP** 4" **= TOTAL GIRTH**

52" ins.

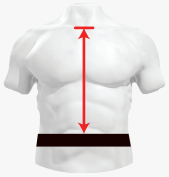
Note: If the difference between the Chest and Girth is more than 4" take the average of both measurements to obtain the total girth then add the overlap.

EXAMPLE: 52" + 49" = 85"/2 = 50.5" + 4" OVERLAP = TOTAL GIRTH 54.5"

Overlap Calculation Chart	
	☐ Butt Fit – **add 2"**
	☑ 1" Overlap – **add 4"**
	☐ 2" Overlap – **add 6"**

FRONT PANEL WIDTHS:	16	18	20	22	24	26	(28)	30	32	34
BACK PANEL WIDTHS:	16	18	20	22	24	(26)	28	30	32	34

NOTE: Front panel must be as wide or wider than back panel to allow for wrap-around coverage.



MEASURE SEATED

FRONT CENTER LENGTH MEASUREMENT

Sitting in a relaxed position at a 90° angle, measure from the clavicle notch to top of the duty belt.

FRONT CENTER 15" **– 1" = FRONT CENTER LENGTH**

14" ins.

MEASURE STANDING

NOTE: Front/Back panel lengths hould not be more than 2" difference.

BACK LENGTH MEASUREMENT

Use this Back Length Measurement for selecting a Back Panel Length below. Measure from the nape (back neck bone) down to the top of the duty belt. Multiply that measurement by .80.

BACK MEASUREMENT 20" **X .80 = BACK LENGTH**

16" ins.

Fill out for verification check only

SIZE				
	28"	14"	26"	16"
	FRONT PANEL WIDTH	FRONT PANEL LENGTH	BACK PANEL WIDTH	BACK PANEL LENGTH

COMPLETE SIZE = 2814–2616

MALE | SIZING VEST INSTRUCTIONS

MEASURE **STANDING**

STEP 1 TOTAL GIRTH MEASUREMENT

Measure around the widest part of the abdomen. Have the officer hold tape across their chest as you measure around to the back. Add the desired overlap (see overlap calculation chart below) to this measurement to achieve Total Girth.

*Note: If the difference between the Chest and Girth is more than 4" take the average of both measurements to obtain the total girth then add the overlap.

EXAMPLE: 52" + 49" = 85" / 2 = 50.5" + 4" OVERLAP = TOTAL GIRTH 54.5"

Overlap Calculation Chart	
	Butt Fit – **add 2"**
	1" Overlap – **add 4"**
	2" Overlap – **add 6"**

EXAMPLE: GIRTH **49"** + OVERLAP **4"** = TOTAL GIRTH **53"**

STEP 2 DETERMINE FRONT/BACK PANEL WIDTH

Take the girth + the overlap circumference obtained and use the sizing chart on your sizing instructions to determine their front and back panel size. For example, a girth measurement of 54 inches would be a size 28 for the front and size 26 for the back. Have the officer put on the sizing vest corresponding to the size and secure the vest using the shoulder and waist straps so they provide a comfortable fit.

FRONT PANEL WIDTHS:	16	18	20	22	24	26	**28**	30	32	34
BACK PANEL WIDTHS:	16	18	20	22	24	**26**	28	30	32	34

EXAMPLE: FRONT PANEL **28**, BACK PANEL **26**

MEASURE **SEATED**

STEP 3 DETERMINE FRONT/BACK PANEL LENGTH

Locate the front tab located at the bottom of the sizing vest. Pull down on the tab and find where the tab and the duty belt meet. Note the corresponding marking and record the size on the size traveler. In our example, this would be 14 inches.

EXAMPLE: FRONT PANEL **14**

Locate the back tab on the bottom of the sizing vest. Pull down the tab and find where the tab and the duty belt meet. Note the corresponding marking and record the size on the size traveler. In our example, this would be 16 inches.

EXAMPLE: BACK PANEL **16**

STEP 4 VERIFY MEASUREMENTS/ SUBMIT A SIZE

Evaluate the coverage provided, as dictated by the sizing panel. Be sure the officer is comfortable with the coverage of the vest panel size determined by your measuring. They should also understand the length and overlap of the armor and how it will work and interact with their other equipment. Once you have determined a size, be sure to complete a sizing form and submit to Safariland's Customer Care.

MALE | CONCEALABLE SIZING FORM

Please Print

Officers Full Name:_____ Badge Number:_____

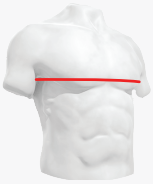
Department:_____Telephone No.: ( )_____

Measured By:_____Data of Measuring:_____

Distributor's Name:_____PO#_____

HEIGHT:_____ft._____ins. **WEIGHT:**_____lbs.

Take ALL measurements to the nearest full inch. If rounding is necessary, round UP on Girth and round DOWN on length.



MEASURE STANDING

FULL CHEST MEASUREMENT

Measure around widest part / apex of the chest, ensuring that the measuring tape is level across the back as well. Have the officer hold tape across their chest as you measure around to the back.

_____ins.

TOTAL GIRTH MEASUREMENT

Use this Total Girth Measurement for selecting a Front/Back Panel Width below. Measure around the widest part of the abdomen. Have the officer hold tape across their abdomen as you measure around to the back. Add the desired overlap to the girth measurement to achieve "Total Girth" measurement.

GIRTH_____+ OVERLAP_____= TOTAL GIRTH

_____ins.

FRONT PANEL WIDTHS:	16	18	20	22	24	26	28	30	32	34
BACK PANEL WIDTHS:	16	18	20	22	24	26	28	30	32	34

Overlap Calculation Chart
- Butt Fit – **add 2"**
- 1" Overlap – **add 4"**
- 2" Overlap – **add 6"**

NOTE: Front panel must be as wide or wider than back panel to allow for wrap-around coverage.

MEASURE SEATED

FRONT CENTER LENGTH MEASUREMENT

Sitting in a relaxed position at a 90° angle, measure from the clavicle notch to top of the duty belt.

FRONT CENTER _____ – 1" = FRONT CENTER LENGTH

_____ins.

MEASURE STANDING

NOTE: Front/Back panel lengths hould not be more than 2" difference.

BACK LENGTH MEASUREMENT

Use this Back Length Measurement for selecting a Back Panel Length below. Measure from the nape (back neck bone) down to the top of the duty belt. Multiply that measurement by .80.

BACK MEASUREMENT_____X .80_____= BACK LENGTH

_____ins.

Fill out for verification check only

SIZE			–		
	FRONT PANEL WIDTH	FRONT PANEL LENGTH		BACK PANEL WIDTH	BACK PANEL LENGTH

SIZING

FEMALE SIZING PROCEDURES

Brit Sweeney
Save #1704

FEMALE SIZING PROCEDURE

PRIOR TO SIZING:

- Ensure the officer is in their duty uniform inclusive of their uniform pants, preferred undershirt (with empty pockets), and full duty rig with all equipment in gear / pouches.

- If you are a male measuring a female, make sure another female is present during sizing.

TOOLS YOU NEED:

- Soft measuring tape
- An armless chair
- Appropriate sizing forms

TIPS:

- Do not hold the measuring tape too tight or too loose while taking measurements.
- Round up on girth measurements; round down on length measurements.

WHILE SIZING:

- Speak with the officer to determine their main concerns (i.e. fit, comfort, coverage or side closure). Make sure these concerns are within the agency's guidelines. Be sure to engage them in the process, making them feel comfortable to speak freely about their concerns. This will make for a much more satisfactory fit. Communication is key.

- Take this opportunity to discuss the vest they will be receiving and its features and benefits.

AFTER SIZING:

- Be sure to review the contents of the package that will come with their vest (i.e. Product Guide, Strap Kit, etc.).

- Demonstrate how to assemble and put on their new vest. Ensure they understand the internal suspension system and how to insert their Soft Trauma Plate (if applicable).

- Remind them to complete the warranty card and send it into the address as instructed.

MEASUREMENTS/SIZING

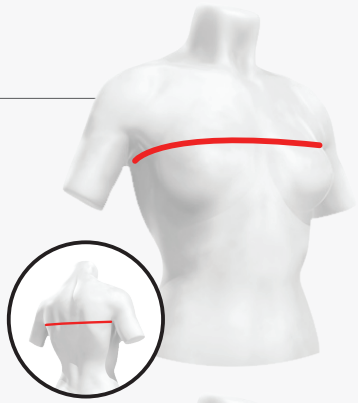
THE FOLLOWING MEASUREMENTS SHOULD BE TAKEN STANDING

STEP 1 RECORD OFFICER'S INFORMATION

- Record the officer's information including height and weight on the appropriate sizing form.

STEP 2 BAND MEASUREMENT

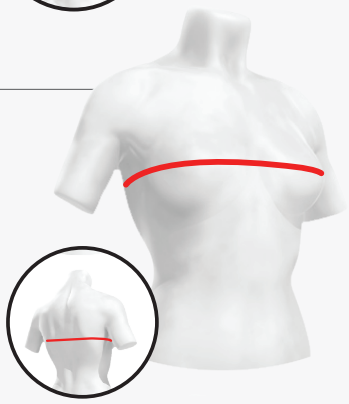
- Using a soft measuring tape, measure around the upper chest area, under the armpit, ensuring that the measuring tape is level across the back as well.
- Have the officer hold tape above their chest as you measure and adhere the tape around to the back.



EXAMPLE: 45"

STEP 3 BUST MEASUREMENT

- Using a soft measuring tape, measure around widest part / apex of the chest, ensuring that the measuring tape is level across the back as well.
- Have the officer hold tape across their chest as you measure and adhere the tape around to the back.



EXAMPLE: 48"

STEP 4 CUP SIZE

- To determine the officer's cup size subtract the band from the bust size.
- In our example, the officer had a bust size of 48 inches and a band size of 45 inches, which gives us a difference of 3 inches. Reference the cup size chart to determine officer's cup size.

EXAMPLE: 48" – 45" = 3" = R

Cup Size Chart ☑ 4 ≤ – R ☐ 5 ≥ – L

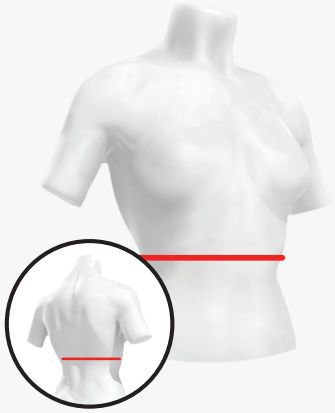
SIZE	R			–		
	CUP SIZE	FRONT PANEL WIDTH	FRONT PANEL LENGTH		BACK PANEL WIDTH	BACK PANEL LENGTH

MEASUREMENTS/SIZING

THE FOLLOWING MEASUREMENTS SHOULD BE TAKEN STANDING

STEP 5 TOTAL GIRTH MEASUREMENT

- Using a standard measuring tape, measure around the widest part of the abdomen.
- Have the officer hold tape across their abdomen as you measure around to the back.
- Take the average of both measurements, add desired overlap (see Overlap Calculation Chart) and divide by 2.



EXAMPLE:

48” + **37”** = **85”/2** = **42.5”** + **4”** OVERLAP = TOTAL GIRTH **46.5”**

Overlap Calculation Chart	
	☐ Butt Fit – **add 2”**
	☑ 1” Overlap – **add 4”**
	☐ 2” Overlap – **add 6”**

Choose the front and back size that matches closest to the above number from the size range chart below.

FRONT PANEL WIDTHS:	16	18	20	22	(24)	26	28	30	32
BACK PANEL WIDTHS:	16	18	20	(22)	24	26	28	30	32

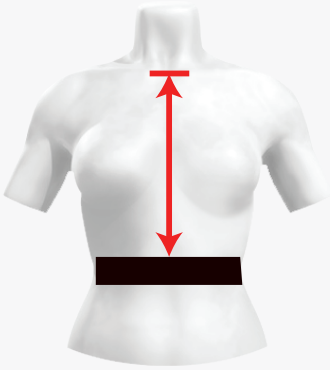
SIZE	R	24		–	22	
	CUP SIZE	FRONT PANEL WIDTH	FRONT PANEL LENGTH		BACK PANEL WIDTH	BACK PANEL LENGTH

MEASUREMENTS/SIZING

THE FOLLOWING MEASUREMENTS SHOULD BE TAKEN **SEATED**

STEP 6 CENTER FRONT LENGTH MEASUREMENT

- Sitting in a relaxed position at a 90° angle, measure from the clavicle notch to top of the duty belt.
- Take your center front torso length and subtract 1".



EXAMPLE:

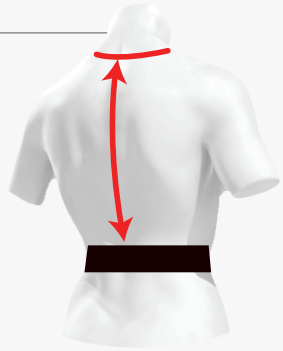
FRONT CENTER 14" – 1" =
FRONT CENTER LENGTH 13"

SIZE	R	24	13	–	22	
	CUP SIZE	FRONT PANEL WIDTH	FRONT PANEL LENGTH		BACK PANEL WIDTH	BACK PANEL LENGTH

THE FOLLOWING MEASUREMENTS SHOULD BE TAKEN **STANDING**

STEP 7 BACK LENGTH MEASUREMENT

- Measure from the nape (back neck bone) down to the top of the duty belt. Multiply that measurement by .80



EXAMPLE:

BACK MEASUREMENT 18" X .80 =
BACK LENGTH 14"

Use the Back Length Measurement obtained above for selecting a Back Panel Length below. Then fill out the corresponding box with this size at the bottom of the page.

IMPORTANT TIPS:

1. **It is highly important to make this calculation in the presence of the officer.** Since you have to round this measurement to the nearest whole number, you will need to consult the officer to make the decision if they'd prefer their vest to be 0.5" longer or shorter. Again, it is recommended that you round down on length.
2. Normally, there should be no more than a 2 inch difference in length between the front and back panels. For example, if the back panel is a 17 inch length, normally the front will be no less than a 15 inch length. If they are, recheck your measurements and ensure you multiplied the back measurement by .80 and subtracted one two inches from the front measurement.

BACK LENGTH CHART

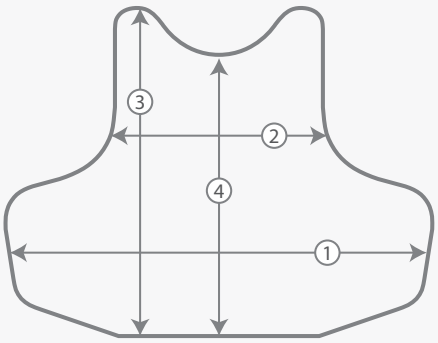
BACK LENGTH	X .80
11"	9"
12"	10"
13"	10"
14"	11"
15"	12"
16"	13"
17"	14"
18"	14"
19"	15"
20"	16"

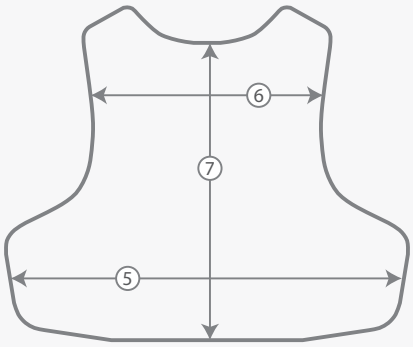
SIZE	R	24	13	–	22	14
	CUP SIZE	FRONT PANEL WIDTH	FRONT PANEL LENGTH		BACK PANEL WIDTH	BACK PANEL LENGTH

Optional: The officer has the ability to adjust the back panel length. Please reference the Compatible Back Chart.

SIZING CHARTS

FEMALE PANEL DIMENSIONS





FRONT				BACK		
①	②	③	④	⑤	⑥	⑦
FRONT PANEL WIDTH	FRONT CHEST WIDTH	FT SIDE LENGTH C FR LTH / SD LTH	CENTER FRONT LENGTH	BACK PANEL WIDTH	UPPER BACK WIDTH	CENTER BACK LENGTH
16	8”	9 / 4”	9-13	16	9 1/2”	10-15
18	8 1/4”	9 / 4”	9-13	18	10”	10-15
20	8 1/2”	10 / 4 1/2”	10-14	20	10”	11-16
22	8 1/2”	11 / 5”	10-14	22	10 1/2”	11-16
24	8 3/4”	12 / 5 1/2”	10-14	24	10 1/2”	11-16
26	9”	13 / 6”	10-14	26	10 3/4”	11-16
28	9”	14 / 6 1/2”	10-14	28	10 3/4”	11-16
30	9”	15 / 7”	11-15	30	11 1/4”	12-17
32	9 1/4”	15 / 7”	11-15	32	11 1/4”	12-17

MEASUREMENTS/SIZING

SIZE RANGE CHART

*TOTAL GIRTH	FRONT	BACK
32	16	16
33	16-18	16
34	18	16
35	18	16-18
36	18	18
37	18-20	18
38	20	18
39	20	18-20
40	20	20
41	20-22	20
42	22	20
43	22	20-22
44	22	22

*FULL GIRTH	FRONT	BACK
45	22-24	22
46	24	22
47	24	22-24
48	24	24
49	24-26	24
50	26	24
51	26	24-26
52	26	26
53	26-28	26
54	28	26
55	28	26-28
56	28	28
57	28-30	28

*FULL GIRTH	FRONT	BACK
58	30	28
59	30	28-30
60	30	30
61	30-32	30
62	32	30
63	32	30-32
64	32	32
65	32-34	32
66	34	32
67	34	32-34
68	34	34
*overlap included		

COMPATIBLE BACK CHART

FRONT LENGTH	BACK LENGTH
9	11*
	12
	13
10	12*
	13
	14

FRONT LENGTH	BACK LENGTH
11	13*
	14
	15
12	14*
	15
	16

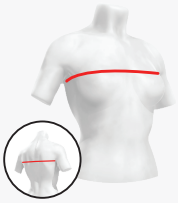
FRONT LENGTH	BACK LENGTH
13	16*
	17
	18
14	17*
	18
	19

FRONT LENGTH	BACK LENGTH
15	18*
	19
	20

DETERMINE YOUR VEST SIZE

Fill out your vest size by entering in the measurements as they correspond to the appropriate steps.

MEASURE STANDING



BAND MEASUREMENT

Using a soft measuring tape, measure around the upper chest area, under the armpit, ensuring that the measuring tape is level across the back as well. Have the officer hold tape above their chest as you measure and adhere the tape around to the back.

45” ins.

BUST MEASUREMENT

Measure around widest part / apex of the chest, ensuring that the measuring tape is level across the back as well. Have the officer hold tape across their chest as you measure around to the back.

52” ins.

CUP SIZE

To determine the officer’s cup size subtract the band from the bust size. In our example, the officer had a bust size of 48 inches and a band size of 45 inches, which gives us a difference of 3 inches. Reference the cup size chart to determine officer’s cup size.

Cup Size Chart | ☑ 4 ≤ – R ☐ 5 ≥ – L

R ins.

GIRTH MEASUREMENT

Using your soft measuring tape measure around the widest part of the abdomen. Have the officer hold the tape across their abdomen as you measure around to the back.

37” ins.

TOTAL BUST / GIRTH MEASUREMENT

Find the average of the bust and girth measurements you recorded. To find the average, divide by two. Reference the overlap calculation chart and determine the overlap desired.

46.5” ins.

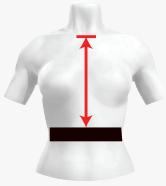
NOTE: Front panel must be as wide or wider than back panel to allow for wrap-around coverage.

BUST 48” + GIRTH 37” = 85”/2 = 42.5” + 4” OVERLAP = TOTAL GIRTH

FRONT PANEL WIDTHS:	16	18	20	22	(24)	26	28	30	32
BACK PANEL WIDTHS:	16	18	20	(22)	24	26	28	30	32

Overlap Calculation Chart | ☐ Butt Fit – **add 2”** ☑ 1” Overlap – **add 4”** ☐ 2” Overlap – **add 6”**

MEASURE SEATED



FRONT CENTER LENGTH MEASUREMENT

Sitting in a relaxed position at a 90° angle, measure from the clavicle notch to top of the duty belt.

FRONT CENTER 14” – 1” = FRONT CENTER LENGTH

13” ins.

MEASURE STANDING

NOTE: Front/Back panel lengths hould not be more than 2” difference.

BACK LENGTH MEASUREMENT

Use this Back Length Measurement for selecting a Back Panel Length below. Measure from the nape (back neck bone) down to the top of the duty belt. Multiply that measurement by .80.

BACK MEASUREMENT 18” X .80 = BACK LENGTH

14” ins.

Fill out for verification check only

SIZE	R	24	13	–	22	14
	CUP SIZE	FRONT PANEL WIDTH	FRONT PANEL LENGTH		BACK PANEL WIDTH	BACK PANEL LENGTH

COMPLETE SIZE = R2413–2214

FEMALE | SIZING VEST INSTRUCTIONS

MEASURE STANDING

STEP 1 BAND MEASUREMENT

Using a soft measuring tape, measure around the upper chest area, under the armpit, ensuring that the measuring tape is level across the back as well.

Have the officer hold tape above their chest as you measure and adhere the tape around to the back.

EXAMPLE: 45”

STEP 2 BUST MEASUREMENT

Measure around widest part / apex of the chest, ensuring that the measuring tape is level across the back as well.

Have the officer hold tape across their bust as you measure around to the back.

EXAMPLE: **48”**

STEP 3 TOTAL GIRTH MEASUREMENT

Measure around the widest part of the abdomen. Have the officer hold tape across their abdomen as you measure around to the back. Remember to always round up on Girth. Add the desired overlap (reference overlap calculation below) to this measurement.

Overlap Calculation Chart	
	☐ Butt Fit – **add 2”**
	☑ 1” Overlap – **add 4”**
	☐ 2” Overlap – **add 6”**

EXAMPLE: **48” + 37” = 85”/2** = **42.5”** + **4”** overlap = **46.5**

STEP 4 DETERMINE FRONT/BACK PANEL WIDTH

Take the girth + the overlap circumference obtained and use the sizing chart on your sizing instructions to determine their front and back panel size. For example, a girth measurement of 46.5 inches would be a size 24 for the front and size 22 for the back. Have the officer put on the sizing vest corresponding to the size and secure the vest using the shoulder and waist straps so they provide a comfortable fit.

FRONT PANEL WIDTHS:	16	18	20	22	24	26	(28)	30	32	34
BACK PANEL WIDTHS:	16	18	20	22	24	(26)	28	30	32	34

EXAMPLE: **FRONT PANEL 24**, **BACK PANEL 22**

FEMALE | SIZING VEST INSTRUCTIONS

MEASURE **SEATED**

STEP 5 DETERMINE FRONT/BACK PANEL LENGTH

Locate the front tab located at the bottom of the sizing vest. Pull down on the tab and find where the tab and the duty belt meet. Note the corresponding marking and record the size on the size traveler. In our example, this would be 14 inches.

EXAMPLE: FRONT PANEL 12

Locate the back tab on the bottom of the sizing vest. Pull down the tab and find where the tab and the duty belt meet. Note the corresponding marking and record the size on the size traveler. In our example, this would be 16 inches.

EXAMPLE: BACK PANEL 14

STEP 6 VERIFY MEASUREMENTS/ SUBMIT A SIZE

Evaluate the coverage provided, as dictated by the sizing panel. Be sure the officer is comfortable with the coverage of the vest panel size determined by your measuring. They should also understand the length and overlap of the armor and how it will work and interact with their other equipment. Once you have determined a size, be sure to complete a sizing form and submit to Safariland's Customer Care.

FEMALE | CONCEALABLE SIZING FORM

Please Print

Officers Full Name:_____ Badge Number:_____

Department:_____Telephone No.: ( )_____

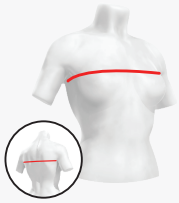
Measured By:_____Data of Measuring:_____

Distributor's Name:_____PO#_____

HEIGHT:_____ft._____ins. **WEIGHT:**_____lbs. **Bra Cup Size:**_____

Take ALL measurements to the nearest full inch. If rounding is necessary, round UP on Girth and round DOWN on length.

MEASURE STANDING



BAND MEASUREMENT
Using a soft measuring tape, measure around the upper chest area, under the armpit, ensuring that the measuring tape is level across the back as well. Have the officer hold tape above their chest as you measure and wrap the tape around to the back.

_____ins.

BUST MEASUREMENT
Measure around widest part / apex of the chest, ensuring that the measuring tape is level across the back as well. Have the officer hold tape across their chest as you measure around to the back.

_____ins.

CUP SIZE
To determine the officer's cup size subtract the band from the bust size. In our example, the officer had a bust size of 48 inches and a band size of 45 inches, which gives us a difference of 3 inches. Reference the cup size chart to determine officer's cup size.

Cup Size Chart | ■ 4 ≤ - **R** ■ 5 ≥ - **L**

_____ins.

GIRTH MEASUREMENT
Using your soft measuring tape measure around the widest part of the abdomen. Have the officer hold the tape across their abdomen as you measure around to the back.

_____ins.

TOTAL BUST / GIRTH MEASUREMENT
Find the average of the bust and girth measurements you recorded. To find the average, divide by two. Reference the overlap calculation chart and determine the overlap desired.

_____ins.

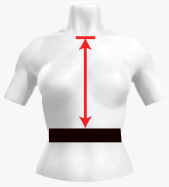
BUST _____ + GIRTH _____ = _____/2 = _____ + _____ OVERLAP = TOTAL GIRTH

NOTE: Front panel must be as wide or wider than back panel to allow for wrap-around coverage.

FRONT PANEL WIDTHS:	16	18	20	22	24	26	28	30	32
BACK PANEL WIDTHS:	16	18	20	22	24	26	28	30	32

Overlap Calculation Chart | ■ Butt Fit - **add 2"** ■ 1" Overlap - **add 4"** ■ 2" Overlap - **add 6"**

MEASURE SEATED



FRONT CENTER LENGTH MEASUREMENT
Sitting in a relaxed position at a 90° angle, measure from the hollow of the neck (jugular notch) to top of the duty belt.

_____ins.

FRONT CENTER _____ – 1" = FRONT CENTER LENGTH

MEASURE STANDING

NOTE: Front/Back panel lengths hould not be more than 2" difference.

BACK LENGTH MEASUREMENT
Use this Back Length Measurement for selecting a Back Panel Length below. Measure from the nape (back neck bone) down to the top of the duty belt. Multiply that measurement by .80.

_____ins.

BACK MEASUREMENT_____X .80 = BACK LENGTH

SIZE					
	CUP SIZE	FRONT PANEL WIDTH	FRONT PANEL LENGTH	BACK PANEL WIDTH	BACK PANEL LENGTH

IMPAC™ PLATES

SPECIAL THREAT PLATES

PROTECH® TACTICAL

SAFARILAND®

IMPAC™ HT/CT/DT

IMPAC™–HT

HANDGUN THREAT

High-velocity handgun threats are growing every day. PROTECH's IMPAC-HT provides protection against some of today's toughest special threat rounds. Ten times stronger than steel, the IMPAC-HT is precision fabricated with multiple layers of unidirectional polyethylene, compressed at ultra-high pressures to form a lightweight, semi-rigid special threat plate.

BALLISTIC ROUNDS	IMPACTS PER PLATE	TEST VELOCITY (FPS)
(Rounds tested on separate plates)		
-- Speer .357 Sig, 125 gr. FMJ FN	3	1470 ± 30 fps
-- Speer .44 Mag, 240 gr. SJHP	1	1430 ± 30 fps
-- Win. 9mm +P+, 127 gr. SXT	3	1250 ± 30 fps
-- Speer .357 Sig, 125 gr. GDHP	3	1375± 30 fps
-- Norinco 7.62 X 25 Tokarev, 85 gr. FMJ	3	1530 ± 30 fps
-- FN 5.7 X 28 mm, 28 gr. SS195LF, (Belgium)	3	2086 ± 30 fps (avg.)
-- FN 5.7 X 28 mm, 40 gr SS197 (Blue Tip)	3	1721 ± 30 fps (avg.)

IMPAC™–CT/DT

CORRECTIONS / DUTY THREAT

The weapons used within the corrections environment are just as real as those on the street. The IMPAC-CT/DT is designed to protect against a variety of duty rounds in addition to providing stab protection against spike and edged blade instruments. The IMPAC-CT/DT is comprised of a high performing fiberglass which makes this plate an economic choice for any officer.

BALLISTIC ROUNDS	IMPACTS PER PLATE	TEST VELOCITY (FPS)
(Rounds tested on separate plates)		
American Eagle 9mm, 115gr. FMJ	3	1217 fps ± 30
.40 S&W Ranger, 165gr. SXT	3	1062 fps ± 30
Federal .45 ACP, 230gr. HST +P	3	920 fps ± 30

SPIKE/EDGE WEAPONS	# OF DROPS	STRIKE/OVERSTRIKE ENERGY (FT.LBF)
(Weapons tested on separate plates)		
Spike	3	E1: 31.7 3 0.44/ E2: 47.9 3 0.59
Knife Blade, P1 Edge Blade	3	E1: 31.7 3 0.44/ E2: 47.9 3 0.59
Knife Blade, S1 Edge Blade	3	E1: 31.7 3 0.44/ E2: 47.9 3 0.59

IMPAC™ RT/MT

IMPAC™-RT PLUS

RIFLE THREAT

Built upon the performance of the IMPAC-RT plate for rifle threats, the IMPAC-RT PLUS provides heavy duty protection in a sleek design. The IMPAC-RT PLUS is made of a hybrid steel and fiberglass composite and is covered with heat bonded spall wrap to help reduce spalling, fragmentation and ricochet from ballistic impacts.

BALLISTIC ROUNDS	IMPACTS PER PLATE
(Rounds tested on separate plates)	
– 7.62 x 51, 147 gr. (M80, .308)	1
– 7.62 x 39 MSC, 123 gr.	2
– 5.56 x 45, 55 gr. (M193)	3
– 5.56 x 45, 62 gr. (M855)	3

IMPAC™-MT

MULTI-THREAT

Combining the precision fabricated technology of the IMPAC-HT and the benefits of stab protection from the IMPAC-CT/DT, the IMPAC-MT offers multi-threat defense against high-velocity handgun rounds, as well as spike and edged blade instruments.

BALLISTIC ROUNDS	IMPACTS PER PLATE	TEST VELOCITY (FPS)
(Rounds tested on separate plates)		
-- Speer .357 Sig, 125 gr. FMJ	3	1470 ± 30 fps
-- Speer .44 Mag, 240 gr. SJHP	1	1430 ± 30 fps
-- Rem. 9mm 124 Gr. FMJ	3	1400 ± 50 FPS
-- Win. 9mm +P+, 127 gr. SXT	3	1250 ± 30 fps
-- Speer .357 Sig, 125 gr. GDHP	3	1375 ± 30 fps
-- Norinco 7.62 X 25mm Tokarev, 85 gr. FMJ	3	1530 ± 30 fps
-- FN 5.7 X 28 mm, 28 gr. SS195LF, (Belgium)	3	2075 ± 30 fps (avg.)
-- FN 5.7 X 28 mm, 40 gr. SS197 (Blue Tip)	3	1740 ± 30 fps (avg.)
-- (Frangible) Remington 9mm +P, 101 gr. Plated Disintegrator Bullet	3	1096 ± 30 fps
-- (IQ) Aquila 9mm, 65 gr. IQ Bullet	3	1630 ± 30 fps

SPIKE/EDGED WEAPONS	# OF DROPS	STRIKE/OVERSTRIKE ENERGY (FT.LBF)
(Weapons tested on separate plates)		
-- Spike	3	E1: 31.7 3 0.44 / E2: 47.9 3 0.59
-- Knife Blade, P1 Edge Blade	3	E1: 31.7 3 0.44 / E2: 47.9 3 0.59
-- Knife Blade, S1 Edge Blade	3	E1: 31.7 3 0.44 / E2: 47.9 3 0.59

IMPAC™ RT

IMPAC™-RT

RIFLE THREAT

For protection beyond the norm, the IMPAC-RT provides officers the ability to protect themselves against high-powered rifle rounds. Made of ultra-high-pressed polyethylene ballistic material, the IMPAC-RT is the same hard armor technology trusted in our PROTECH Tactical® brand.

BALLISTIC ROUNDS	IMPACTS PER PLATE
(Rounds tested on separate plates)	
-- 7.62 mm X 51 mm, 147 gr., FMJ	2
-- 7.62 mm X 39 mm, 123 gr., MSC	2

NIJ-06 WARRANTY

SAFARILAND®

NIJ-06 WARRANTY

EXPRESS LIMITED WARRANTY FOR SAFARILAND®
FLEXIBLE BODY ARMOR VESTS CERTIFIED UNDER NIJ-0101.06

1. Safariland warrants that its "NIJ-06" flexible body armor vests ("Vests") have been certified to comply with the National Institute of Justice's ("NIJ") Ballistic Resistance of Body Armor, NIJ Standard-0101.06 (July 2008), for the applicable NIJ threat level designated on each Vest's label. For multi-threat (i.e., ballistic and stab resistant) Vests, Safariland also warrants that the Vests have been certified to comply with the NIJ's Stab Resistance of Personal Body Armor, NIJ Standard-0115.00 (September 2000), for the applicable NIJ spike threat level designated on each Vest's label.
2. For a period of sixty (60) months after the date of purchase, Safariland warrants that the ballistic panels of its Vests shall be free from defects in material and workmanship and shall comply with Safariland's VestCheck™ used vest testing protocols for ballistic performance (as set forth on www.safariland.com). Vests should not be worn or used after the expiration of this warranty period (i.e., "useful life" period).
3. For a period of twelve (12) months after the date of purchase, Safariland warrants that the outer carriers of its Vests shall be free from defects in material and workmanship.
4. Vests shall be always worn in accordance with Safariland's Use & Care instructions contained in the applicable User Manual included with each Vest. The above warranties do not apply to any Vest that has been subjected to misuse, abuse, accident, neglect, unauthorized alteration, breakage, interruption, damage, improper storage or handling, or unauthorized repair or service.
5. The above warranties are the sole and exclusive warranties made by Safariland with respect to its Vests. They shall not be enlarged by any representations, descriptions, course of dealing, trade usage, technical advice, service, samples, models, or otherwise, nor shall they be altered or expanded by any acts, statements, or agreements of any dealer, employee, or agent of Safariland (other than by a duly authorized officer of Safariland). SAFARILAND MAKES NO OTHER WARRANTIES EXPRESS, IMPLIED, OR STATUTORY; INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.
6. In the event that Safariland determines that a Vest (or component) is defective during an applicable warranty period, Safariland agrees to (at its election) replace, repair, or issue a pro-rated purchase price credit for such product. All returns shall be made to Safariland's factory and must include (1) proof of issue/purchase, and (2) documentation specifying the claimed defect and all relevant supporting information. A Return Authorization Number (RA) must be obtained from Safariland prior to returning the product.
7. IN NO EVENT SHALL SAFARILAND BE LIABLE FOR ANY PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, ANTICIPATED OR LOST PROFITS, INCIDENTAL DAMAGES, LOSS OF TIME, OR OTHER INDIRECT LOSSES OR EXPENSES THAT ARISE FROM ANY CAUSE RELATING TO ITS VESTS, REGARDLESS OF THE FORM OF THE ACTION,NOTWITHSTANDING ANY CONTRARY PROVISION, IN NO EVENT SHALL THE TOTAL LIABILITY OF SAFARILAND (TOGETHER WITH THE LIABILITY OF ITS OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS) EXCEED THE PURCHASE PRICE ACTUALLY PAID FOR THE VEST THAT GIVES RISE TO SUCH LIABILITY. The foregoing disclaimers are subject to any applicable laws that regulate product warranties.

THE SAFARILAND VESTCHECK™ PERFORATION TESTING PROGRAM FOR USED BODY ARMOR VESTS

In order to evaluate the on-going ballistic performance of its flexible body armor vests ("Vests"), Safariland regularly conducts perforation testing of its Used Vests across a broad spectrum of models, ages, and wear categories.

Safariland tests its Used Vests in dry condition for perforations in accordance with the P-BFS test protocols as specified in NIJ Standard-0101.06, Section 7.8, at the Conditioned Armor Test Velocities (set forth in NIJ Standard-0101.06, Table 4) for the test rounds specified for the applicable NIJ threat level as indicated on the Vest's label. The test will be deemed satisfactory so long as there are no perforations of the ballistic panels.

A Used Vest is not required or expected to meet any backface signature thresholds. Backface signatures of the ballistic panels may be measured and recorded by Safariland in the conduct of its perforation testing, but such data shall be considered informational only and shall not be considered for purposes of determining whether the Used Vest passes the perforation test.

In the unlikely event of an unsatisfactory perforation test result, Safariland shall conduct a detailed review of all applicable test data and conditions, and shall implement such follow-on test protocols as may be needed to determine the scope of any potential ballistic performance issue(s) and causational factor(s) (e.g., test sample condition, environmental factors, workmanship, materials, lot consistency, model design).

Implementation of the VestCheck Perforation Testing Program as regarding the ballistic performance of any Used Vest shall be determined exclusively by Safariland. Ballistic performance or other tests performed by a buyer, user, government agency, laboratory, or any other party not expressly authorized by Safariland shall not be valid for purposes of any warranty or other representations made by Safariland.

ADDITIONAL WARNINGS:

- This ballistic-resistant Vest is intended to reduce or prevent injuries from specific threats. Body armor is not "bulletproof," and cannot protect against all threats. Impact forces also can result in serious injury or death.
- Ballistic panels offer protection to only those areas that they cover. Strenuous movements or physical altercations may cause ballistic panels to shift on the user's body, thus affecting actual coverage. Vests that fit improperly (e.g., too long or too wide in the chest area) can develop set wrinkles in the ballistic fabric. Substantial weight gain or loss, or changes in body shape or contour, can also cause previously protected areas to become exposed. If the user has experienced a substantial weight gain or loss, he or she should immediately take their Vest to an authorized dealer for an inspection.
- Ballistic panels are designed to defeat certain threats only if properly inserted into the outer carrier facing in the correct direction. The label affixed to the panel indicates which side is the "strike side" - meaning the side that must face outward. The user MUST ensure that the ballistic panels are properly inserted into the carrier in the proper direction. Failure to follow these instructions can result in serious injury or death.
- Vests work by dissipating kinetic energy across the fibers of a ballistic panel – should the Vest be struck by a threat close to an edge, its ability to dissipate the energy may be negatively impacted.
- The greater the angle at which a round strikes the Vest (opposite of a "head on" shot), the greater the possibility the round may ricochet or slide off the side of the Vest.
- Multiple rounds striking in a tight shot pattern may weaken that area of the Vest and result in a complete penetration.
- Unless specifically stated otherwise on the Vest's label, it is not warranted to defeat spikes, picks, knives or other sharp objects.

USE & CARE GUIDELINES

SAFARILAND®

USE & CARE GUIDELINES

MAINTENANCE

Your body armor should NEVER be cleaned as a complete armor protection system. Each system component should be cleaned separately. The chart at the bottom of this page serves as a quick reference guide for care of each component.

CLEANING

ARMOR PANELS AND SOFT TRAUMA INSERT/SPECIAL THREAT PLATE

1. Remove the armor panels, trauma inserts and special threat plates from the carrier.
2. Gently wipe the armor panels with a damp sponge and a mixture of cool water and mild laundry detergent or antimicrobial soap.
3. Wipe off excess soap with clean water and a damp sponge.
4. Lay flat and wipe dry. DO NOT HANG OR LINE DRY. DO NOT PLACE IN THE SUN.
5. Ensure panels are completely dry before reinserting into the carrier.
   - Make sure the panels are reinserted properly with the “Strike Face” side facing away from your body.
   - Be sure to engage the shoulder suspension tabs which secure the armor panel to the carrier garment.

DO NOT dry clean armor panels. DO NOT commercially launder armor panels. DO NOT expose armor panels to bleach (liquid or vapor).

CONCEALABLE CARRIER OR UNIFORM OUTER CARRIER

1. Remove all armor panels, trauma inserts and special threat plates from the carrier.
2. Detach any removable shoulder and/or waist straps.
3. Hand (preferred method) or machine-wash the carrier in cool water using the gentle cycle.
   - When machine washing, place the carrier in separate laundry bag made specifically for delicate items and use a mild soap.
   - Your uniform outer carrier can be dry-cleaned.
4. Lie carrier on a flat surface and allow to air dry.
   - If machine drying, use the lowest temperature setting.
5. Make sure the carrier is completely dry before reinserting armor panels, trauma inserts and special threat plates.
   - Make sure the panels are reinserted properly with the “Strike Face” side facing away from your body.
   - Be sure to engage the shoulder suspension tabs which secure the armor panel to the carrier garment.

PRODUCT	DAMP CLOTH	HAND WASH	MACHINE WASH
CONCEALABLE BODY ARMOR			
Concealable Armor Panel	●*		
Concealable Armor Carrier		●*	●
Soft Traume Insert	●*		
Strap System	●*	●	
Tactical Assault Carrier**	●*		
Uniform Shirt Carrier**		●*	●

*Preferred method of care.
** USC can also be dry-cleaned not ironed.

USE & CARE GUIDELINES

EXTERNAL CARRIERS

- Remove all armor panels, special threat plates, pouches and ID patches before attempting to clean the carrier.
- Detach all fixed hook and loop fasteners.
- Use a soft, clean cloth in a back-and-forth motion to remove dust, dirt and loose matter.
- To treat tough spots on the carrier's exterior, use a soft brush with antimicrobial soap and water. Wipe off excess soap with a clean, damp cloth.
- Lie carrier on a flat surface and allow to air dry.
- Make sure the carrier is completely dry before inserting armor panels, trauma inserts and special threat plates.
- Make sure the panels are reinserted properly with the "Strike Face" side facing away from your body.
- Be sure to engage the shoulder suspension tabs which secure the armor panel to the carrier garment.

VEST ASSEMBLY

- Identify the "Strike Face" warning label on NIJ label of the armor panel.
- Insert "Strike Face" out and engage the Grip-Lok™ suspension system
- Zip carrier close and repeat steps 1-3 on back armor panel.
- Attach shoulder and waist straps to the back of the carrier. Adhere shoulder straps to front of carrier.
- Don vest. Adjust shoulder and waist straps as necessary. Waist should have comfortable equal overlap.

VEST INSTRUCTIONS

Your body armor should NEVER be cleaned as a complete armor protection system. Each system component should be cleaned separately. The following chart serves as a quick reference guide for care of each component.

An officer's body armor is only meant to perform when it is properly taken care of. Failure to properly maintain your vest in accordance with the use and care instructions will void the armor's warranty. Below are some additional warnings you should note prior to the use of your armor. Please also refer to the Safariland warranty guide for more information.

This flexible body armor ("Vest") is an integrated system consisting of an outer carrier and front and back torso ballistic panels.

FAILURE TO CLOSELY FOLLOW THESE USE & CARE INSTRUCTIONS WILL VOID ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY BALLISTIC PERFORMANCE WARRANTY, AND COULD LEAD TO SERIOUS INJURY OR DEATH.

DO NOT ABUSE YOUR VEST! If this Vest is heavily worn (e.g., wrinkles or rolls in the ballistic panels open breaks in the outer carrier, heavy stains, worn threads, visible moisture, cracked seams, cover splits), regardless of its age, it shall be deemed to be abused and no longer subject to any warranties.

INSPECT YOUR VEST FREQUENTLY! Should the ballistic panel package (including without limitation any edge seal of a ballistic panel, where applicable) be broken, interrupted, cracked or damaged in any way, the Vest should immediately be taken to an authorized dealer for an inspection. Ballistic panels that are broken, interrupted, cracked or damaged may negatively impact the Vest's ballistic performance and may need to be repaired or replaced.

STORAGE

STORE YOUR VEST CAREFULLY! The resistance and performance of ballistic panels are known to change with time and wear, especially when exposed to extreme environmental conditions.

This Vest should not be stored in places where it is exposed to high temperatures and/or in combination with high humidity for long periods of time. Exposure to such extreme environmental conditions may negatively impact the Vest's ballistic performance.

APPLICABLE TO CUSTOM-FIT VESTS: Only the original user who was custom-fit by an authorized dealer under the Safariland® SizeRight™ program should wear this Vest. Users should never allow any other person to wear his or her custom-fit Vest without it first being re-sized for the new user by an authorized dealer.

OTHER EXAMPLES OF IMPROPER USE: Replacing the ballistic panels with those from another manufacturer; placing the Safariland ballistic panels into an unauthorized outer carrier; wearing the outer carrier without inserting the ballistic panels; or inserting the ballistic panels into the outer carrier in the wrong direction. Contact the Safariland Customer Service Department if you have any questions about authorized configurations.