



DESIGN

Neutral & Structured

Barrday, Honeywell®
Spectra Shield®, Honey-
well® Gold Shield

Dual Covered, 2-Ply,
Laminated 4-way
Stretch Polyknit and TPU
Lamination System



MODEL	BA-2000S-MR02	BA-2000S-MR02F	BA-3A00S-MR02	BA-3A00S-MR02F
THREAT TYPE	Ballistic Level II	Ballistic Level II	Ballistic Level IIIA	Ballistic Level IIIA
TEST STANDARD	NIJ Standard: 0101.06	NIJ Standard: 0101.06	NIJ Standard: 0101.06	NIJ Standard: 0101.06

AREAL DENSITY	0.89 lb/ft² (4.35 kg/m²)	0.89 lbs/ft² (4.35 kg/m²) *	1.20 lbs/ft² (5.86 kg/m²)	1.20 lbs/ft² (5.86 kg/m²) *
THINNESS	0.212 in (5.38 mm)	0.212 in (5.38 mm) *	0.290 in (7.37 mm)	0.290 in (7.37 mm) *
NEW V50 - 9MM FMJ RN 124 GR.	1678 ft/s (511 m/s)	Front Panel: 1654 ft/s (504 m/s) Back Panel: 1678 ft/s (511 m/s) **		
NEW V50 - .357 SIG FMJ FN 125 GR.			1858 ft/s (566 m/s)	Front Panel: 1805 ft/s (550 m/s) Back Panel: 1858 ft/s (566 m/s) **
COND. V50 – 9MM FMJ RN 124 GR.	1592 ft/s (485 m/s)	Front Panel: 1666 ft/s (508 m/s) Back Panel: 1592 ft/s (485 m/s) **		
COND. V50 - .357 SIG FMJ FN 125 GR.			1699 ft/s (518 m/s)	Front Panel: 1665 ft/s (507 m/s) Back Panel: 1699 ft/s (518 m/s) **
NEW V50 – .357 MAG JSP 158 GR.	1625 ft/s (495 m/s)	Front Panel: 1604 ft/s (489 m/s) Back Panel: 1625 ft/s (495 m/s) **		
NEW V50 - .44 MAG JSP 240 GR.			1697 ft/s (517 m/s)	Front Panel: 1603 ft/s (489 m/s) Back Panel: 1697 ft/s (517 m/s) **
COND. V50 – .357 MAG JSP 158 GR.	1548 ft/s (472 m/s)	Front Panel: 1587 ft/s (484 m/s) Back Panel: 1548 ft/s (472 m/s) **		
COND. V50 - .44 MAG JSP 240 GR.			1606 ft/s (490 m/s)	Front Panel: 1544 ft/s (471 m/s) Back Panel: 1606 ft/s (490 m/s) **
BACKFACE AVERAGE – 9MM	30.30 mm	29.40 mm *		
BACKFACE AVERAGE - .357 SIG			30.60 mm	29.80 mm *
BACKFACE AVERAGE – .357 MAG	34.00 mm	33.30 mm *		
BACKFACE AVERAGE - .44 MAG			37.20 mm	36.60 mm *

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

Offers an unprecedented degree of protection against correctional threats. Combines several of the most advanced woven aramid corrections materials available for protection against circular penetrators and multi-threat protection for both stab and ballistic threats.

DESIGN

CONFIGURATION	Neutral
ARMOR MATERIAL	DuPont Kevlar®, Twaron® Micro-laminate, Twaron® UD600
ARMOR PANEL COVERING	Dual Covered, 2-Ply, 70 Denier Textured Nylon Ripstop and TPU Lamination System



TECHNICAL SPECIFICATION

MODEL	MS-2A30S-MT21
THREAT TYPE	Ballistic Level IIA / Spike 3
TEST STANDARD	NIJ Standard: 0101.06 / NIJ Standard 0115.00

PERFORMANCE

AREAL DENSITY	0.98 lbs/ft ² (4.78 kg/m ²)
THINNESS	0.259 in (6.58 mm)
NEW V50 - 9MM FMJ RN 124 GR.	1521 ft/s (464 m/s)
COND. V50 - 9MM FMJ RN 124 GR.	1543 ft/s (470 m/s)
NEW V50 - .40 S&W FMJ 180 GR.	1476 ft/s (450 m/s)
COND. V50 - .40 S&W FMJ 180 GR.	1453 ft/s (443 m/s)
BACKFACE AVERAGE - 9MM	34.17 mm
BACKFACE AVERAGE - .40 S&W	33.80 mm
SPIKE LEVEL 3 E1 (43J) - MAX PENETRATION	0 mm
SPIKE LEVEL 3 E2 (65J) - MAX PENETRATION	19 mm

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CONFIGURATION

Neutral

ARMOR MATERIAL

Kevlar® Correctional Woven, Honeywell® Gold Shield®, Twaron® Woven, DSM® Dyneema®

ARMOR PANEL COVERING

Dual Covered, 2 Ply, 70-denier Textured Nylon Ripstop and TPU Lamination System



TECHNICAL SPECIFICATION

MODEL	NS02-2020S-ME
THREAT TYPE	Ballistic Level II / Spike 2
TEST STANDARD	NIJ Standard: 0101.06 / NIJ Standard 0115.00

PERFORMANCE

AREAL DENSITY	0.96 lbs/ft ² (4.68 kg/m ²)
THINNESS	0.25 in (6.40 mm)
NEW V50 - 9MM FMJ RN 124 GR.	1639 ft/s (500 m/s)
COND. V50 - 9MM FMJ RN 124 GR.	1629 ft/s (497 m/s)
NEW V50 - .357 MAG JSP 158 GR.	1614 ft/s (492 m/s)
COND. V50 - .357 MAG JSP 158 GR.	1568 ft/s (478 m/s)
BACKFACE AVERAGE - 9MM	31.30 mm
BACKFACE AVERAGE - .357 MAG	33.90 mm
SPIKE LEVEL 2 E1 (33J) - MAX PENETRATION	0 mm
SPIKE LEVEL 2 E2 (50J) - MAX PENETRATION	0 mm



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Honeywell® Spectra
Shield® 5128,
Honeywell® Gold Shield®
2117, Tex Tech Core
Matrix Technology™

Dual Covered, 2-Ply, Laminated 4-way Stretch Polyknit and TPU Lamination System



MODEL	BA-2000S-SM02	BA-2000S-SM02F	BA-3A00S-SM02	BA-3A00S-SM02F
THREAT TYPE	Ballistic Level II	Ballistic Level II	Ballistic Level IIIA	Ballistic Level IIIA
TEST STANDARD	NIJ Standard: 0101.06	NIJ Standard: 0101.06	NIJ Standard: 0101.06	NIJ Standard: 0101.06

PERFORMANCE

AREAL DENSITY	0.79 lb/ft² (3.86 kg/m²)	0.79 lbs/ft² (3.86 kg/m²)	1.04 lbs/ft² (5.08 kg/m²)	1.04 lbs/ft² (5.08 kg/m²)
THINNESS	0.190 in (4.83 mm)	0.190 in (4.83 mm)	0.250 in (6.35 mm)	0.250 in (6.35 mm)
NEW V50 - 9MM FMJ RN 124 GR.	1770 ft/s (539 m/s)	1717 ft/s (523 m/s)		
NEW V50 - .357 SIG FMJ FN 125 GR.			1868 ft/s (569 m/s)	1863 ft/s (568 m/s)
CONDITIONED V50 – 9MM FMJ RN 124 GR.	1628 ft/s (496 m/s)	1693 ft/s (516 m/s)		
CONDITIONED V50 - .357 SIG FMJ FN 125 GR.			1758 ft/s (536 m/s)	1824 ft/s (556 m/s)
NEW V50 – .357 MAG JSP 158 GR.	1676 ft/s (511 m/s)	1659 ft/s (506 m/s)		
NEW V50 - .44 MAG JSP 240 GR.			1720 ft/s (524 m/s)	1638 ft/s (499 m/s)
CONDITIONED V50 – .357 MAG JSP 158 GR.	1632 ft/s (497 m/s)	1532 ft/s (467 m/s)		
CONDITIONED V50 - .44 MAG JSP 240 GR.			1564 ft/s (477 m/s)	1680 ft/s (512 m/s)
BACKFACE AVERAGE – 9MM	28.51 mm	27.48 mm		
BACKFACE AVERAGE - .357 SIG			27.48 mm	26.43 mm
BACKFACE AVERAGE – .357 MAG	33.02 mm	32.18		
BACKFACE AVERAGE - .44 MAG			34.86 mm	36.19 mm

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CONFIGURATION	Neutral
ARMOR MATERIAL	Twaron® and Microflex®
ARMOR PANEL COVERING	Dual Covered, 2 Ply, 70-denier Textured Nylon Ripstop with TPU Lamination System



TECHNICAL SPECIFICATION

MODEL	PS-1.0	PS-2.0	PS-3.0
THREAT TYPE	Spike 1	Spike 2	Spike 3
TEST STANDARD	NIJ Standard: 0115.00	NIJ Standard: 0115.00	NIJ Standard: 0115.00

PERFORMANCE

AREAL DENSITY	0.29 lb/ft ² (1.42 kg/m ²)	0.42 lbs/ft ² (2.05 kg/m ²)	0.58 lbs/ft ² (2.83 kg/m ²)
THINNESS	0.079 in (2.01 mm)	0.098 in (2.49 mm)	0.117 in (2.99 mm)
E1 MAX PENETRATION	0 mm	0 mm	0 mm
E2 MAX PENETRATION	0 mm	18 mm	14 mm

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DESIGN

CONFIGURATION

Neutral

ARMOR MATERIAL

Twaron® Microflex™, Gold Shield®, Twaron® Micro-laminate, Curv® Solid Technology using High Strength Polypropylene Composite Materials with Advanced Perimeter Stitching

ARMOR PANEL COVERING

Dual Covered, 2-Ply, 70 Denier Nylon with Urethane Backing and Heat Sealed Edges



TECHNICAL SPECIFICATION

MODEL	MS-3A30S-MT01
THREAT TYPE	Ballistic Level IIIA / Spike 3
TEST STANDARD	NIJ Standard: 0101.06 / NIJ Standard 0115.00

PERFORMANCE

AREAL DENSITY	1.44 lbs/ft ² (7.03 kg/m ²)
THINNESS	0.410 in (10.41 mm)
NEW V50 - .357 SIG FMJ FN 125 GR.	1810 ft/s (552 m/s)
COND. 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)
COND. 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
SPIKE LEVEL 2 E1 (33J) - Max Penetration	0 mm
SPIKE LEVEL 2 E2 (50J) - Max Penetration	0 mm