TECHNICAL SPECIFICATION
XT03-IIIA

General

Test Standard	NIJ Standard: 0101.06
Threat Type	Ballistic Level IIIA
Model	BA-3A00S-XT03

Design

Configuration	Neutral
Armor Material	DuPont™ Kevlar® Micro-laminate, Honeywell® Gold Shield® 2118, Tex Tech Core Matrix Technology™
Armor Panel Covering	2 Ply, 70 Denier Textured Nylon Ripstop with TPU Lamination System

Performance

Areal Density	1.15 lbs/ft^2 (3.80 kg/m^2)
Thinness *ASTM Standard D1777-97*	0.250 in (5.72 mm)
New V50 – .357 Sig FMJ 125 gr.	1822 ft/s (569 m/s)
Conditioned V50 – .357 Sig FMJ 125 gr.	1764 ft/s (578 m/s)
New V50 – .44 Mag JSP 240 gr.	1638 ft/s (563 m/s)
Conditioned V50 – .44 Mag JSP 240 gr.	1627 ft/s (554 m/s)
Backface Average – .357 Sig	28.23 mm
Backface Average – .44 Mag	35.91 mm

Additional Special Threats

Meets/Exceeds Requirements of FBI Body Armor Test Protocol
Meets/Exceeds Requirements of DEA Body Armor Test Protocol

Winchester 9 mm 127 gr. +P+ SXT – Tested Velocity 1340 ± 30 ft/s (408 ± 9 m/s) – No Perforations
Federal 9 mm 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 the National Technical Systems, Inc. (NTS) in accordance with Modified/Abbreviated NIJ 0101.06 Standard IAW Sec. 7.8.1 unless otherwise specified