



TECHNICAL SPECIFICATIONS

RTS TACTICAL XR21

LEVEL III+ STANDALONE Thickness: 28 mm (1.1 in)

THREAT PERFORMANCE

Part Number	RTS-45500
5.56 x 45mm - M193 Max Velocity 3150 ft/s (960 m/s)	6
7.62 x 39mm - M67 Max Velocity 2390 ft/s (728 m/s)	6
7.62 x 51mm - M80 Max Velocity 2800ft/s (853m/s)	6
5.56 x 45mm - M855/SS0109 Max Velocity 3150ft/s (960m/s)	6
7.62 x 39mm - M43 Max Velocity 2390t/s (728m/s)	6

Testing Protocol

NIJ certification of hard armor requires submission of 10" x 12" test plates which must demonstrate the ability to defeat specific rounds tested to a valid NIJ shot pattern, after exposure to a stringent conditioning protocol to simulate aging and wear. Level III requires six M80 rounds per plate.

RTS Tactical Performance Fabrics holds itself to a higher standard by publishing the minimum number of shots that each size plate can be expected to defeat under similar NIJ testing methods, as well as listing many additional threats not addressed under the NIJ certification process.

General Information

Ceramic/Spectra design. 1000 Denier CORDURA® fabric finish.

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard- 0101 .06 plus Special Rifle Threats validated.



A Stand-Alone Shooter Cut Level III+ Ceramic Plate meticulously designed to surpass NIJ standards for Level III protection. Weighing in at only 4.2 pounds, this plate offers enhanced mobility, wrapped in a durable 1000D Cordura cover for added durability. This Special Threat Rated plate goes beyond the standard delivering reliable security against advanced threats. Trust in its tested excellence – prioritize safety without compromise with the XR21.

Designed to function as a stand-alone plate, this advanced ceramic armor eliminates the need for additional soft armor backing. Experience maximum mobility and comfort without compromising on protection for those who prioritize agility in tactical situations.

Manufacturing Tolerances:

Thickness dimensions are ± 3 mm (± 1/8 in).
Width and length dimensions are +0.00 to -6 mm (+0.00 to -0.25 in). All weights are ± 4 %

SHOOTER CUT - SINGLE CURVE - TORSO

Part Number	Width x Length	Weight
RTS-45500	254 x 305 mm (10.0 X 12.0 in)	1.9 kg (4.2 lb)

ISO BA 9000 Body Armor Manufacturer
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