

TECHNICAL SPECIFICATIONS

BI 4401

LEVEL IV STAND ALONE BALLISTIC INSERT

NIJ Certified (Standard-0101.06)



THICKNESS: .83 IN

SHOOTER CUT - SINGLE CURVE -TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
4401-SH-SC-L	10 x 12 in	7.4 lb
4401-SH-SC-S	8 x 10 in	4.8 lb

MANUFACTURING TOLERANCES:
Thickness dimensions are +/-1/8 in. Width and length dimensions are +0.00 to 0.25 in. All weights are +/- 5%.



THREAT PERFORMANCE MATRIX

MODEL NUMBER	LEAD CORE				MILD STEEL CORE				ARMOR PIERCING CORE			
	5.56 x 45 mm - M193 Max Velocity 3150 ft/s	7.62 x 39 mm - M67 Max Velocity 2390 ft/s	7.62 x 51 mm - M80* Max Velocity 2800 ft/s	7.62 x 63 mm - M80** Max Velocity 2780 ft/s	5.56 x 45 mm - M855/SS109 Max Velocity 3150 ft/s	7.62 x 39 mm - M43 Max Velocity 2390 ft/s	7.62 x 54R - LPS Max Velocity 2850 ft/s	7.62 x 39 mm - AP1 Max Velocity 2390 ft/s	7.62 x 54R B-32 - AP1 Max Velocity 2850 ft/s	7.62 x 51 mm - M61 Max Velocity 2850 ft/s	7.62 x 63 mm - AP M2** Max Velocity 2900 ft/s	
4400-SH-SC-L	6	6	3	1	6	3	1	3	1	1	1	
4400-SH-SC-S	3	3	1	1	3	3	1	1	1	1	1	

* NIJ LEVEL III CERTIFICATION THREAT
** NIJ Level IV Certification Threat

CALIBER ARMOR 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. Level IV requires one AP M2 per plate.

NIJ's process provides for the inclusion of other size torso plates of identical construction to be included under the certification without further NIJ testing.

Caliber Armor 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. The minimum number of shots are shown in the Threat Performance Matrix.

GENERAL INFORMATION

Ceramic/composite design. Water repellant polyurethane coated CORDURA® fabric finish. Made in the U.S.A

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.

EXPORT CONTROL ADVISORY

Model BI 4401 (USML Category X(d)(1)) is subject to the International Traffic in Arms Regulations (ITAR). It may not be sold or otherwise provided to any non-U.S. Person and/or exported or re-exported without a valid U.S. Department of State DDTC export license, or applicable ITAR license Exemption.

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DISCLAIMER

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QUALITY STANDARDS

Caliber Armor operates a quality management system. This armor was manufactured in a facility certified to ISO 9001:2008. Approved Certificate Numbers: C2016-01513; BA9000:2012: AQAP 2110

