

# TECHNICAL SPECIFICATIONS



## Caliber Armor Level IV-4601 Ballistic Plates

NIJ Certified Level IV | Multi-Curve | Stand Alone

NIJ-STD-0101.06 IV



### SHOOTER CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
4601-SH-MC-L	10.00 x 12.00 in (254 x 305 mm)	6.4 lb (2.9 kg)
4601-SH-MC-S	8.00 x 10.00 in (203 x 254 mm)	4.1 lb (1.9 kg)

### SAPI CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
4601-SA-MC-XL	11.00 x 14.00 in (279 x 356 mm)	8.8 lb (4.0 kg)
4601-SA-MC-L	10.25 x 13.25 in (260 x 337 mm)	7.6 lb (3.5 kg)
4601-SA-MC-M	9.50 x 12.50 in (241 x 318 mm)	6.6 lb (3.0 kg)
4601-SA-MC-S	8.75 x 11.75 in (222 x 298 mm)	5.7 lb (2.6 kg)

### 4601 LEVEL IV ARMOR FEATURES:

- Thickness: **1.18 in"** (30mm)
- Areal Density: 9.08 lb/sq ft<sup>2</sup>



Made in the U.S.A



### MODEL 4601 THREAT PERFORMANCE MATRIX

	LEAD CORE				MILD STEEL CORE				ENHANCED PERFORMANCE		ARMOR PIERCING CORE		
	5.56 x 45 mm - M193 Max Velocity 3200 ft/s (975 m/s)	7.62 x 39 mm - M67 Max Velocity 2410 ft/s (735 m/s)	7.62 x 51 mm - M80 Max Velocity 2810 ft/s (856 m/s)	7.62 x 63 mm - JSP Max Velocity 2794 ft/s (852 m/s)	5.56 x 45 mm - M855(S)09 Max Velocity 3150 ft/s (960 m/s)	7.62 x 39 mm - M43 Max Velocity 2410 ft/s (735 m/s)	7.62 x 54mm - LPS Max Velocity 2832 ft/s (863 m/s)	5.56 x 45 mm - M855A1 Max Velocity 3160 ft/s (969 m/s)	7.62 x 39 mm - M80A1 Max Velocity 3050 ft/s (930 m/s)	7.62 x 54mm - API Max Velocity 2410 ft/s (735 m/s)	7.62 x 51 mm - M61 Max Velocity 2850 ft/s (869 m/s)	7.62 x 63 mm - AP M2 Max Velocity 2910 ft/s (887 m/s)	
4601-SH-MC-L	6	6	6	3	6	6	6	6	3	6	2	3	1
4601-SH-MC-S	3	3	3	1	3	3	3	3	1	3	1	1	1
4601-SA-MC-XL	6	6	6	3	6	6	6	6	3	6	2	3	1
4601-SA-MC-L	6	6	6	3	6	6	6	6	3	6	2	3	1
4601-SA-MC-M	6	6	6	3	6	6	6	6	3	6	2	3	1
4601-SA-MC-S	3	3	3	1	3	3	3	3	1	3	1	1	1

Matrix shows the minimum number of shots that each size plate can be expected to defeat under NIJ testing methods.

Official lab results available on request.



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#### NIJ STANDARD-0101.06 IV

Certified compliant and tested to exceed ballistic resistance as specified under NIJ Standard- 0101.06

#### Export Regulations (ITAR):

Level IV (USML Category X(d)(1)) body armor 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 Exception.

#### Quality Standards:

Manufactured in a facility certified to ISO 9001:2008. Approved Certificate Numbers: C2016-01513; BA9000:2110