LASA LWA IV- SA06 Lightweight Hard Armour Plate

PRODUCT DATA SHEET

NP-DOC-1051 Issue 3

Product Line	NIJ Standard	Config	Threats														
			Level 2A, 2, 3A + Special Threats				Level 3 + Special Threats						Level 4 + Special Threats				Multi-Hit
			9 mm	.40 S&W	.357 Mag	.44 Mag	7.62mm M80 Ball	5.56mm M193	7.62mm MSC PS Ball	7.62mm LPS	5.56mm SS109	5.56mm "Green Tip"	5.56mm NATO	7.62mm AP M2	7.62mm BZ API	7.62mm B32 API	7.62mm WCC	
LWA IV-SA06	0101.06	SA	✓	✓	✓	✓	†	✓	✓	†	✓	✓	✓		✓			2

IC: In Conjunction; SA: Stand Alone; ₁: With approved Soft Armor; ₂: With approved carrier; ✓: IAW NIJ 0101.06 or NIJ 0101.04; †: Stops round, exceeds NIJ BFD; ‡: IAW NIJ 0101.06 at reduced velocity

The LWA IV- SA06 hard armour plate delivers ultra-lightweight multi-hit protection against BZ API, SS109 'Green Tip' ammunition and special threats. The plate also meets stringest drop test requirements as specifed in the NIJ 0101.06 testing specification.

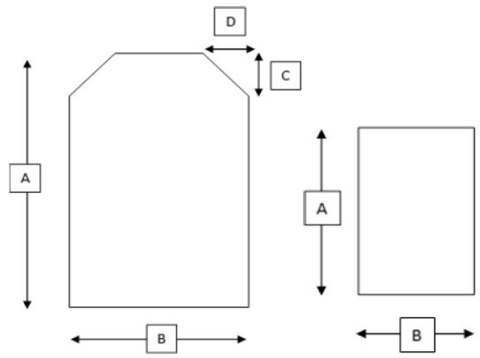
- Stops API BZ and 'Green Tip' SS109 Ammunition
- Tested to NIJ 0101.06 – meeting stringent drop test requirements
- Integrates NP Aerospace's patented crack mitigation system
- Weighs 2.16 kg per hard armour plate (medium plate)
- Standalone hard armour plate – no additional soft armour required

PRODUCT NAME	LASA LWA IV- SA06
APPLICATION	Stand Alone Body Armour
TESTING STANDARD	In accordance with NIJ 0101.06
PROTECTION LEVEL	Special Threats (see below)
CONFIGURATION	Stand-Alone
PLATE THICKNESS	23 mm
AREAL WEIGHT	30.1 kg/m²
PLATE MASS (MEDIUM)	2.16 kg
CURVATURE	Multi-Curve
MATERIALS	Hybrid Ceramic, UHMWPE, CMS
COVER	Ballistic Nylon
SHAPES AND SIZES	"SAPI" XS – XL available
THREATS AND SPECIAL THREATS	7.62 x 39mm BZ API* 5.56 x 45mm SS109* 7.62 x 39mm PS Ball (Mild Steel Core)* *Special Threat Testing conducted in accordance with an abbreviated and modified NIJ Standard 0101.06 and NP Aerospace Testing Protocol.

Sizes, Weights and Part Numbers

Size	Cut	Dimensions (mm) [DIMS ± 5mm, Thickness ± 2mm]				Weight	Part Numbers
		A	B	C	D	Kg	
140x140	Full	140	140			0.56	51409-334-140x140
6" x 6"	Full	152	152			0.67	51409-334-6"x6"
6" x 8"	Full	203	152			0.91	51409-334-6"x8"
7" x 8"	Full	203	178			1.07	51409-334-7"x8"
8" x 10"	Shooter	248	197	78	52	1.35	51733-334-8"x10"
10" x 12"	Shooter	300	248	83	57	2.01	51733-334-10"x12"
XS	Shooter	292	184	76	44	1.53	48666-334
S	Shooter	298	222	78	52	1.90	48667-334
M	Shooter	312	241	83	57	2.16	48668-334
L	Shooter	337	260	87	62	2.53	48669-334
XL	Shooter	356	279	92	67	2.89	48670-334

Note: Weight tolerance ± 10%



NP Aerospace Limited Warranty, Use and Care:

NP Aerospace Limited warrants, for a period of sixty (60) months after the "date of issue" that the Hard Armour Solutions shall be free from defects in material and workmanship provided all products are used and maintained in accordance with NP Aerospace's Use and Care Manual. A copy of the Aerospace Limited Warranty and Use & Care Manual is included with every product. Warranty information can also be found at our website: www.npaerospace.com