

TECHNICAL SPECIFICATIONS 800 SERIES BALLISTIC INSERTS

# 3800LV

LEVEL III • ICW  
Use with IIIA Soft Armor



THICKNESS: 0.55 in (14 mm)



Recommended side plate pairing: 3100

**SHOOTER CUT - MULTI CURVE - TORSO PLATES**

PART NUMBER	WIDTH x LENGTH	WEIGHT
3800LV-SH-MC-L	10.0 x 12.0 in (254 x 305 mm)	2.1lb (1.0 kg)
3800LV-SH-MC-S	8.0 x 10.0 in (203 x 254 mm)	1.4lb (0.6 kg)

**LAW ENFORCEMENT CUT - MULTI CURVE - TORSO PLATES**

PART NUMBER	WIDTH x LENGTH	WEIGHT
3800LV-LE-MC-L	10.0 x 12.0 in (254 x 305 mm)	2.2lb (1.3 kg)
3800LV-LE-MC-S	8.0 x 10.0 in (203 x 254 mm)	1.4lb (0.6 kg)

**SAPI CUT - MULTI CURVE - TORSO PLATES**

PART NUMBER	WIDTH x LENGTH	WEIGHT
3800LV-SA-MC-XL	11.00 x 14.00 in (279 x 356 mm)	2.9lb (1.3 kg)
3800LV-SA-MC-L	10.25 x 13.25 in (260 x 337 mm)	2.5lb (1.2 kg)
3800LV-SA-MC-M	9.50 x 12.50 in (241 x 318 mm)	2.2lb (1.0 kg)
3800LV-SA-MC-S	8.75 x 11.75 in (222 x 298 mm)	1.9lb (0.9 kg)



**Manufacturing Tolerances:**

Thickness dimensions are ±1/8 in (± 3 mm). Width and length dimensions are +0.00 to -0.25 in (+0.00 to -6 mm). All weights are ± 5%.

**THREAT PERFORMANCE MATRIX: 3800LV**

	LEAD CORE		MILD STEEL CORE	
	5.56 x 45 mm - M193 Max Velocity 2500 ft/s (960 m/s)	7.62 x 39 mm - M43 Max Velocity 2590 ft/s (790 m/s)	7.62 x 51 mm - M80 Max Velocity 2800 ft/s (853 m/s)	7.62 x 63 mm - JSP Max Velocity 2780 ft/s (847 m/s)
3800LV-SH-MC-L	6	6	6	6
3800LV-SH-MC-S	3	3	3	3
3800LV-LE-MC-L	6	6	6	6
3800LV-LE-MC-S	3	3	3	3
3800LV-SA-MC-XL	6	6	6	6
3800LV-SA-MC-L	6	6	6	6
3800LV-SA-MC-M	6	6	6	6
3800LV-SA-MC-S	3	3	3	3

\* NIJ Level III Certification Threat

**Hesco 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.

Hesco 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**

Advanced Spectra® design. Buoyant. Multi shot rated on selected threats. Water repellent 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 3800LV (ECCN 1A613.d.2) is subject to the Export Administration Regulations (EAR). 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 Commerce BIS export license, or applicable EAR license Exception.

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**Quality Standards:** Hesco operates a Quality Management System certified to ISO 9001:2015/BA 9000:2016. Approved Certificate Number: C2019-01385. AQAP 2110 Conformance, Approved Certificate Number: C2019-01645.

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