# **TECHNICAL SPECIFICATIONS** 100 SERIES BALLISTIC INSERTS

4101 LEVEL IV · Stand Alone



# THICKNESS: 1.19 in (30 mm), AREAL DENSITY: 9.08 lb/ft2

#### SINGLE CURVE - SIDE PLATES

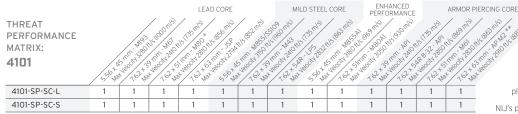
PART NUMBER	WIDTH x LENGTH	WEIGHT
4101-SP-SC-L	6.0 x 8.0 in	2.7 lb
	(152 x 203 mm)	(1.2 kg)
4101-SP-SC-S	6.0 x 6.0 in	1.9 lb
	(152 x 152 mm)	(0.9 kg)



SIDE

### **Manufacturing Tolerances:**

Thickness dimensions are  $\pm 1/8$  in ( $\pm 3$  mm). Width and length dimensions are  $\pm 0.00$  to  $\pm 0.25$  in ( $\pm 0.00$  to  $\pm 6$  mm). All weights are  $\pm 5\%$ .



## Hesco Testing Protocol

NJJ 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**

Lightweight ceramic/Spectra® design. Water repellant polyurethane coated 1000 Denier 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 4101 (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.

## Hesco Armor, Inc.

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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. AOAP 2110 Conformance, Approved Certificate Number: C2019-01645.

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