

# TECHNICAL SPECIFICATIONS 200 SERIES BALLISTIC INSERTS

## U210 SPECIAL RIFLE THREATS • Stand Alone



**THICKNESS: 0.56 in (14 mm)**

### SHOOTER CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
U210-SH-MC-L	10.0 x 12.0 in (254 x 305 mm)	3.9 lb (1.8 kg)
U210-SH-MC-S	8.0 x 10.0 in (203 x 254 mm)	2.6 lb (1.2 kg)

### SAPI CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
U210-SA-MC-XL	11.00 x 14.00 in (279 x 356 mm)	5.4 lb (2.5 kg)
U210-SA-MC-L	10.25 x 13.25 in (260 x 337 mm)	4.7 lb (2.1 kg)
U210-SA-MC-M	9.50 x 12.50 in (241 x 318 mm)	4.1 lb (1.9 kg)
U210-SA-MC-S	8.75 x 11.75 in (222 x 298 mm)	3.5 lb (1.6 kg)



SHOOTER  
SAPI  
Recommended  
side plate  
pairing:  
4101

#### Manufacturing Tolerances:

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

### THREAT PERFORMANCE MATRIX: U210

	LEAD CORE		MILD STEEL CORE		ENHANCED PERF	ARMOR PIERCING CORE
	5.56 x 45 mm - M83 Max Velocity 2950 ft/s (900 m/s)	7.62 x 39 mm - M67 Max Velocity 2390 ft/s (728 m/s)	5.56 x 45 mm - M855/SS109 Max Velocity 3950 ft/s (990 m/s)	7.62 x 39 mm - M43 Max Velocity 2390 ft/s (728 m/s)	5.56 x 45 mm - M855/AT Max Velocity 3050 ft/s (930 m/s)	7.62 x 39 mm - API Max Velocity 2390 ft/s (728 m/s)
U210-SH-MC-L	3	3	3	3	1	
U210-SH-MC-S	3	3	3	1	1	
U210-SA-MC-XL	3	3	3	3	1	
U210-SA-MC-L	3	3	3	3	1	
U210-SA-MC-M	3	3	3	3	1	
U210-SA-MC-S	3	3	3	1	1	

### 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.

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. Full AK-47 protection including 7.62 x 39 API. Multi shot rated on selected threats. Water repellant polyurethane coated CORDURA® fabric finish. Made in the U.S.A.

### NIJ Standard-0101.06

Special threat testing conducted in accordance with NIJ Standard-0101.06 (modified).

### Export Control Advisory

Model U210 (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.

**Hesco Armor, Inc.**  
2210 Port Industrial Road  
Aberdeen WA 98520, United States  
Telephone: +1 360 637 6867

**Hesco Group**  
Unit 41, Knowsthorpe Way  
Leeds LS9 0SW, United Kingdom  
Telephone: +44 113 248 6633  
Email: support@hesco.com

**Disclaimer:** The information contained in this document is intended solely to provide general guidance. The right is reserved to make changes to this document without notice at any time. Nothing in this document (i) constitutes an offer, representation, warranty, term or condition or (ii) is a substitute for the need to employ adequate independent technical expertise and judgment.

**Patents and Trademarks:** HESCO® products are subject to patents and/or patent applications in territories around the world. HESCO® is a registered trademark of Hesco Bastion Ltd and its affiliates ("Hesco") around the world. Other trademarks also apply. For full details, please go to: [www.hesco.com/legal\\_notice](http://www.hesco.com/legal_notice)

**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.

This material is subject to copyright protection. Copyright © 2020 Hesco. All rights reserved.

[hesco.com](http://hesco.com)