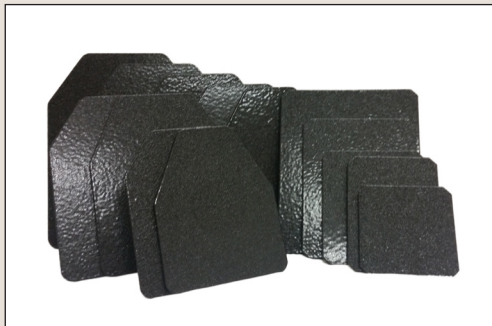


ADVANCED ARMOR

TENCATE

Cratus™ 8100SA (Hard Body Armor Model) Product Data Sheet

TenCate Advanced Armor engineers and manufactures a complete line of hard body armor products that meet or exceeds U.S. Military and National Institute of Justice (NIJ) performance standards. The TenCate Cratus™ brand originated from Greek mythology, personifying strength, might, power and sovereign rule. Our advantage lies in our ability to design products that provide protection against a wide array of threats with the need for reduced weight at the greatest value.

**PRODUCT NAME:**

TenCate Cratus™ 8100SA Series

PRODUCT APPLICATION:

Concealable Body Armor, External Carriers, Plate Carriers, and Tactical Body Armor

TESTING STANDARD:

Special Threat Testing

PROTECTION TYPE / LEVEL:

Special (Rifle) (Super Multi-Hit)

MODEL NUMBER:

D1842

CONFIGURATION:

Stand-Alone

AERIAL DENSITY (WEIGHT):

See Chart on Page 2

THICKNESS:

0.30" ± 0.125" (7.62 mm ± 3.175 mm)

CURVATURE:

Flat

TYPE OF MATERIALS:

Ultra-High Hard Steel

TYPE OF PROTECTIVE COVER:

Polyurea

AVAILABLE SHAPES AND SIZES:

See Chart on Page 2

SPECIAL THREAT TESTING:

5.56mm x 45mm 62gr (M193)*

5.56mm x 45mm 62gr (M855)*

7.62mm x 39mm 123gr PS Ball (MSC)*

7.62mm x 51mm 149gr M80 FMJ*

*Special Threat Testing conducted in accordance with an abbreviated and modified NIJ Standard 0101.06 and TenCate Advanced Armor Testing Protocol.

TENCATE ADVANCED ARMOR USA, INC.

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 **TENCATE**
materials that make a difference

PRODUCT DESCRIPTION						
PART NUMBER	SIZE ¹	SHAPE	CUT	CURVATURE	WEIGHT ²	TESTING
CR-8100SA-6x6-FS	6" x 6"	Full-Size	0.50" x 0.50"	Flat	2.51 lbs	Independent
CR-8100SA-6x8-FS	6" x 8"	Full-Size	0.50" x 0.50"	Flat	3.41 lbs	Independent
CR-8100SA-7x8-FS	7" x 8"	Full-Size	0.50" x 0.50"	Flat	3.99 lbs	Independent
CR-8100SA-8x10-FS	8" x 10"	Full-Size	0.50" x 0.50"	Flat	5.70 lbs	Independent
CR-8100SA-8x10-SE	8" x 10"	SAPI/ESAPI	1.81" x 2.61"	Flat	5.30 lbs	Independent
CR-8100SA-8x10-SH	8" x 10"	Shooter's	2.22" x 4.45"	Flat	4.88 lbs	Independent
CR-8100SA-10x12-FS	10" x 12"	Full-Size	0.50" x 0.50"	Flat	8.68 lbs	Independent
CR-8100SA-10x12-SE	10" x 12"	SAPI/ESAPI	2.33" x 3.36"	Flat	7.65 lbs	Independent
CR-8100SA-10x12-SH	10" x 12"	Shooter's	2.22" x 4.45"	Flat	7.47 lbs	Independent
CR-8100SA-XS-SE	7.25" x 11.50"	SAPI/ESAPI	1.75" x 3.00"	Flat	5.64 lbs	Independent
CR-8100SA-SM-SE	8.75" x 11.75"	SAPI/ESAPI	2.06" x 3.06"	Flat	6.94 lbs	Independent
CR-8100SA-MD-SE	9.50" x 12.50"	SAPI/ESAPI	2.25" x 3.25"	Flat	7.92 lbs	Independent
CR-8100SA-LG-SE	10.25" x 13.25"	SAPI/ESAPI	2.44" x 3.44"	Flat	9.24 lbs	Independent
CR-8100SA-XL-SE	11.00" x 14.00"	SAPI/ESAPI	2.63" x 3.63"	Flat	10.43 lbs	Independent

1. All size dimensions are ± 0.375"

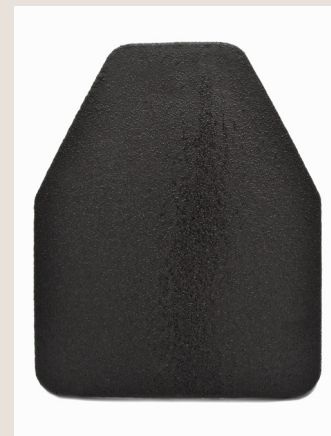
2. All weights are ± 4% or .50 lbs., whichever is greater



FULL-SIZE (FS)



SAPI/ESAPI (SE)



SHOOTER'S (SH)

TenCate Advanced Armor Limited Warranty and Use & Care:

As stated in the TenCate Advanced Armor (TCAA) Limited Warranty Statement, TCAA warrants, for a period of sixty (60) months after the "date of issue" that the Soft Armor Materials, Soft and Hard Body Armor Products, and Hard Armor Solutions shall be free from defects in material and workmanship provided all products are used and maintained in accordance with TCAA's Use and Care Manual. A copy of the TCAA Limited Warranty and Use & Care Manual is included with every product or can be found at our website: www.tencateadvancedarmor.com.

Department of State ITAR / Department of Commerce EAR:

This data sheet is for an EXPORT CONTROLLED PRODUCT. The export of these products and technical information related to these products is governed by the U.S. Department of State International Traffic in Arms Regulations (ITAR) and/or the Department of Commerce Export Administration Regulations (EAR). Non-Sales Technical Data related to these products must not be transmitted to a foreign person/entity without proper authorization of the U.S. Government. Violations may result in administrative, civil, or criminal penalties. ITAR/EAR Export Licenses and/or ITAR/EAR Brokering Licenses (as appropriate) will be required prior to submittal of any further technical information and/or shipment of samples and/or products.

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