

DURITIUM IV+HS

Body Armor Plates

MADE WITH

DURITIUM
TECHNOLOGY

• NIJ IV • Durable • Warranted Performance •



UNCLASSIFIED PRODUCT INFORMATION



Model Number D1581SSB • NIJ 0101.06, NIJ IV
Stand-Alone • Multi-Hit • Single-Curve

PROTECTION TYPE / LEVEL:

NIJ IV

MODEL NUMBER:

D1581SSB

CONFIGURATION:

Stand-Alone Multi-Hit

AERIAL DENSITY (WEIGHT):

See Chart on Page 2

THICKNESS:

0.9" ± 0.125" (22.8 mm ± 3.17 mm)

CURVATURE:

See Chart on Page 2

TYPE OF MATERIALS:

Alloy / Composite

TYPE OF PROTECTIVE COVER:

Cordura® or Polyurea

AVAILABLE SHAPES, SIZES AND CUTS:

See Chart on Page 2

SPECIAL THREAT TESTING:

7.62 x 63mm APM2*

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

AVAILABLE OPTIONS:

Custom ballistics products and solutions available upon request.

MANUFACTURING EQUIPMENT & CAPACITY:

All equipment is located in Ohio and for 2018 the company production capacity is about \$50,000,000 in ballistics products at wholesale.

ABBREVIATED LIST OF EQUIPMENT:

- Multi opening laminating presses from 1000 to 5000 tons high pressure.
- Presses sizes, 1- 38"x50", 2- 50"x50", 1- 50"x74", 2- 50"x98", 1- 50"x120"
- Three water jet cutting machines.
- One 3 axis CNC machine.



MADE IN THE USA

Call **800-986-0795** to learn more about our Ballistics solutions or visit www.shotstop.com

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 **SHOTSTOP**
LIFESAVING BALLISTICS TECHNOLOGIES™

DURITIUM IV+HS BODY ARMOR PLATES

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PART NUMBER	SIZE*	WT. (LBS.)**	DESCRIPTION
SC-IV7x8SC	7" x 8" x .9"	2.3	Side Plate, Single-Curve, Full Size Cut (FS)
SC-IV6x8SC	6" x 8" x .9"	2.1	Side Plate, Single-Curve, Full Size Cut (FS)
SC-IV6x6SC	6" x 6" x .9"	1.7	Side Plate, Single-Curve, Full Size Cut (FS)
FS-IV8x10SC	8" x 10" x .9"	3.8	Single-Curve, Full Size Cut (FS)
SE-IV8x10SC	8" x 10" x .9"	3.6	Single-Curve, SAPI/ESAPI Cut (SE)
SH-IV8x10SC	8" x 10" x .9"	3.4	Single-Curve, Shooters/Swimmers Cut (SH)
FS-IV10x12SC	10" x 12" x .9"	6.3	Single-Curve, Full Size Cut, (FS)
SE-IV10x12SC	10" x 12" x .9"	5.5	Single-Curve, SAPI/ESAPI Cut (SE)
SH-IV10x12SC	10" x 12" x .9"	5.1	Single-Curve, Shooters/Swimmers Cut (SH)
FS-IVXSSCEC	7.25" x 11.50" x .9"	4.2	Single-Curve, Full Size Cut (FS)
SE-IVXSSCEC	7.25" x 11.50" x .9"	4.0	Single-Curve, SAPI/ESAPI Cut (SE)
SH-IVXSSCEC	7.25" x 11.50" x .9"	3.8	Single-Curve, Shooters/Swimmers Cut (SH)
FS-IVSMSCEC	8.75" x 11.75" x .9"	5.1	Single-Curve, Full Size Cut (FS)
SE-IVSMSCEC	8.75" x 11.75" x .9"	4.7	Single-Curve, SAPI/ESAPI Cut (SE)
SH-IVSMSCEC	8.75" x 11.75" x .9"	4.4	Single-Curve, Shooters/Swimmers Cut (SH)
FS-IVMDSCEC	9.50" x 12.50" x .9"	5.7	Single-Curve, Full Size Cut (FS)
SE-IVMDSCEC	9.50" x 12.50" x .9"	5.5	Single-Curve, SAPI/ESAPI Cut (SE)
SH-IVMDSCEC	9.50" x 12.50" x .9"	5.3	Single-Curve, Shooters/Swimmers Cut (SH)
FS-IVLGSCEC	10.25" x 13.75" x .9"	6.6	Single-Curve, Full Size Cut (FS)
SE-IVLGSCEC	10.25" x 13.75" x .9"	6.4	Single-Curve, SAPI/ESAPI Cut (SE)
SH-IVLGSCEC	10.25" x 13.75" x .9"	6.0	Single-Curve, Shooters/Swimmers Cut (SH)
FS-IVXLSCEC	11.00" x 14.00" x .9"	7.3	Single-Curve, Full Size Cut (FS)
SE-IVXLSCEC	11.00" x 14.00" x .9"	6.9	Single-Curve, SAPI/ESAPI Cut (SE)
SH-IVXLSCEC	11.00" x 14.00" x .9"	6.5	Single-Curve, Shooters/Swimmers Cut (SH)

CUT OPTIONS



FULL-SIZE (FS)



SAPI/ESAPI CUT (SE)



SHOOTERS (SH)

*also available in swimmer's cut

* All Plate thicknesses are 0.9" ± 0.125" All size (profile) dimensions are ± 0.375"

** All weights are ± 4% or .50 lbs., whichever is greater. Specifications are subject to change at any time. Not responsible for printed errors.

ShotStop Advanced Armor Limited Warranty and Use & Care:

As stated in the ShotStop Advanced Armor (SSB) Limited Warranty Statement, SSB 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 SSB's Use and Care Manual. A copy of the SSB Limited Warranty and Use & Care Manual is included with every product or can be requested at this email address: Customer@ShotStop.com or by calling 330-686-0020.

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.

ABOUT SHOTSTOP

U.S.-based ShotStop Ballistics is developing the lightest, thinnest, and strongest advanced armor technologies in the world. From body armor plates and armored vehicle protection to its innovative BallisticBoard® material and custom armor solutions, ShotStop Ballistics is leading the way in improving the protection of our police, military, special forces, S.W.A.T., security personnel, and more. With technical expertise that spans the last 35+ years, the ShotStop team brings together engineers, Ph.Ds, chemists, product developers, and ballistic specialists to create ballistic technology that saves lives, reduces restriction, and maximizes performance. ShotStop consistently uses independent and federally accredited ballistic labs, including the Department of Defense and National Institute of Justice, to ensure ShotStop armor positions our servicemen and women with the best possible protection.



Cage: 7HKH8 | Duns: 080070249 | Patents: US9,180,623 | Patents Pending

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