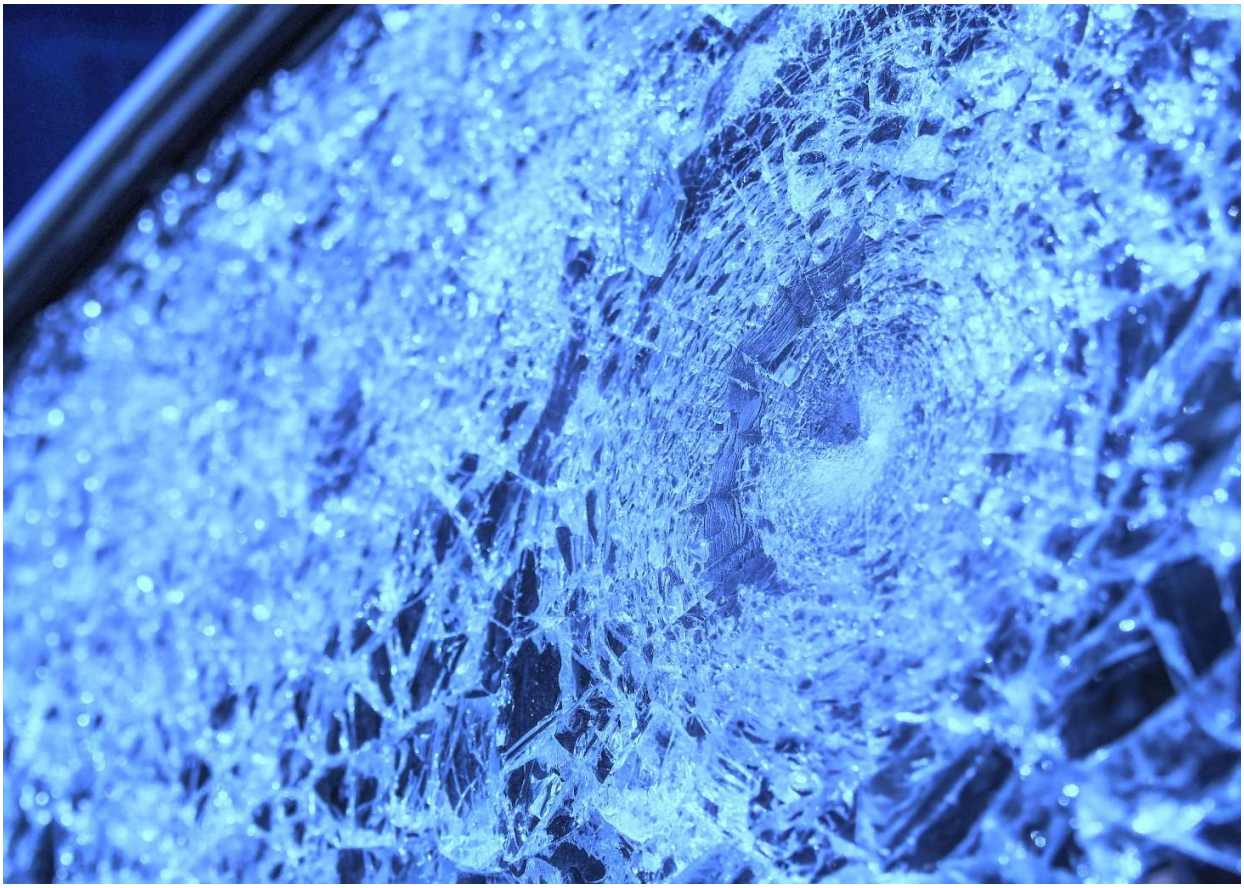
AMP™ GLOBAL STRATEGIES

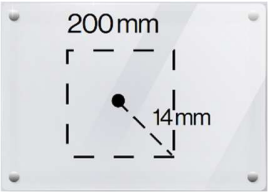
CLASSIC IIA

TECHNICAL DATA SHEET



NIJ IIA

NIJ 0108



Projectile Caliber	• .357 Magnum • 9mm
Projectile Type	• JSP • FMJ
Impacts	• 5 – 200mm
Velocity	• 381 +/- 15 mps • 332 +/- 12 mps
Thickness	• 14 mm
Area Density	• 27 kg/m2

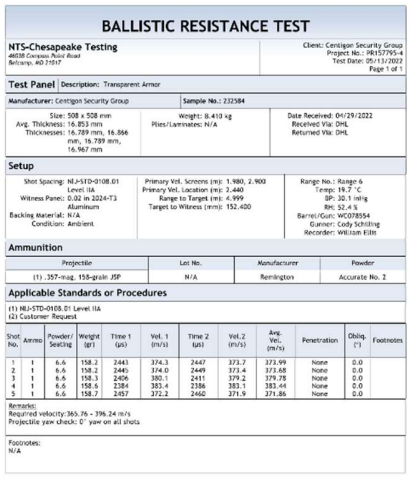
CLASSIC IIA

TECHNICAL DATA SHEET

CLASSIC NIJ IIA ballistic glass—our premier solution for superior security without sacrificing the originality of your vehicle. With a thickness of just 14mm, CLASSIC NIJ IIA offers robust protection against short guns ballistic threats while maintaining a sleek and unobtrusive profile.

Designed for those who demand both high-level defense and visual integrity, CLASSIC NIJ IIA ballistic glass integrates seamlessly into your vehicle's design. Its advanced composition ensures it meets stringent safety standards, providing effective resistance against a range of ballistic threats while preserving the vehicle's original appearance and functionality.

CLASSIC NIJ IIA ballistic glass stands as the ideal choice for those seeking cutting-edge protection coupled with a commitment to preserving the aesthetic integrity of their vehicle



BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing
46038 Compass Point Road
Bellamp, MD 21017

Client: Centigon Security Group
Project No.: PR157795-4
Test Date: 05/13/2022
Page 1 of 1

Test Panel | Description: Transparent Armor

Manufacturer: Centigon Security Group | Sample No.: 232584

Size: 508 x 508 mm
Avg. Thickness: 16.853 mm
Thicknesses: 16.789 mm, 16.866 mm, 16.789 mm, 16.967 mm

Weight: 8.410 kg
Plies/Laminates: N/A

Date Received: 04/29/2022
Received Via: DHL
Returned Via: DHL

Setup

Shot Spacing: NIJ-STD-0108.01 Level IIA
Witness Panel: 0.02 in 2024-T3 Aluminum
Backing Material: N/A
Condition: Ambient

Primary Vel. Screens (m): 1.980, 2.900
Primary Vel. Location (m): 2.440
Range to Target (m): 4.999
Target to Witness (mm): 152.400

Range No.: Range 6
Temp: 19.7 °C
BP: 30.1 inHg
RH: 52.4 %
Barrel/Gun: WC078554
Gunner: Cody Schilling
Recorder: William Elin

Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) .357-mag, 158-grain JSP	N/A	Remington	Accurate No. 2

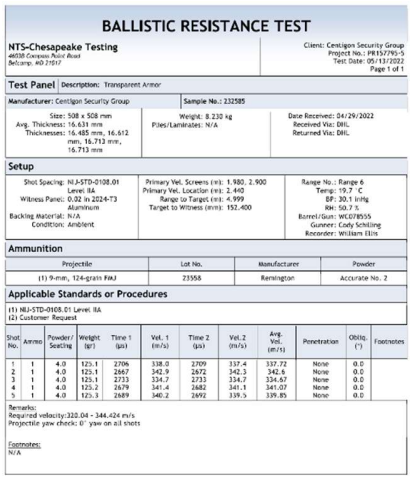
Applicable Standards or Procedures

(1) NIJ-STD-0108.01 Level IIA
(2) Customer Request

Shot No.	Ammo	Powder/ Seating	Weight (gr)	Time 1 (µs)	Vel. 1 (m/s)	Time 2 (µs)	Vel.2 (m/s)	Avg. Vel. (m/s)	Penetration	Obliq. (°)	Footnotes
1	1	6.6	158.2	2443	374.3	2447	373.7	373.99	None	0.0	
2	1	6.6	158.2	2445	374.0	2449	373.4	373.68	None	0.0	
3	1	6.6	158.3	2406	380.1	2411	379.2	379.78	None	0.0	
4	1	6.6	158.6	2384	383.4	2386	383.1	383.44	None	0.0	
5	1	6.6	158.7	2457	372.2	2460	371.9	371.86	None	0.0	

Remarks:
Required velocity:365.76 - 396.24 m/s
Projectile yaw check: 0° yaw on all shots

Footnotes:
N/A



BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing
46038 Compass Point Road
Bellamp, MD 21017

Client: Centigon Security Group
Project No.: PR157795-5
Test Date: 05/13/2022
Page 1 of 1

Test Panel | Description: Transparent Armor

Manufacturer: Centigon Security Group | Sample No.: 232585

Size: 508 x 508 mm
Avg. Thickness: 16.631 mm
Thicknesses: 16.485 mm, 16.612 mm, 16.713 mm, 16.713 mm

Weight: 8.230 kg
Plies/Laminates: N/A

Date Received: 04/29/2022
Received Via: DHL
Returned Via: DHL

Setup

Shot Spacing: NIJ-STD-0108.01 Level IIA
Witness Panel: 0.02 in 2024-T3 Aluminum
Backing Material: N/A
Condition: Ambient

Primary Vel. Screens (m): 1.980, 2.900
Primary Vel. Location (m): 2.440
Range to Target (m): 4.999
Target to Witness (mm): 152.400

Range No.: Range 6
Temp: 19.7 °C
BP: 30.1 inHg
RH: 50.7 %
Barrel/Gun: WL078555
Gunner: Cody Schilling
Recorder: William Elin

Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) 9-mm, 124-grain FMJ	23558	Remington	Accurate No. 2

Applicable Standards or Procedures

(1) NIJ-STD-0108.01 Level IIA
(2) Customer Request

Shot No.	Ammo	Powder/ Seating	Weight (gr)	Time 1 (µs)	Vel. 1 (m/s)	Time 2 (µs)	Vel.2 (m/s)	Avg. Vel. (m/s)	Penetration	Obliq. (°)	Footnotes
1	1	4.0	125.1	2706	338.0	2709	337.4	337.72	None	0.0	
2	1	4.0	125.1	2667	342.9	2672	342.3	342.6	None	0.0	
3	1	4.0	125.1	2733	334.7	2733	334.7	334.67	None	0.0	
4	1	4.0	125.2	2679	341.4	2682	341.1	341.07	None	0.0	
5	1	4.0	125.3	2689	340.2	2692	339.5	339.85	None	0.0	

Remarks:
Required velocity:320.04 - 344.424 m/s
Projectile yaw check: 0° yaw on all shots

Footnotes:
N/A

Additional Information

For details on pricing, our industry leading warranty and delivery, please reach out to our Customer Service team.

Email: Charlie.Stortz@ampgs.com
Phone: 406-544-1075

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