

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Infinity Composites Inc.
Job No.: CD01-2010-R01BRT-21935
Test Date: 4/5/2025

Test Panel Description: Kevlar 15x15"x9 ply

Manufacturer: Infinity Composites

Sample No.: Kevlar 15x15"x9 ply

Size: 15 x 15 in.
Thickness: 0.148 in; 0.145 in;
0.142 in; 0.146 in
Avg. Thick: 0.145 in

Heat No.: NA
Weight: 1.48 lbs
Hardness: NA
Plies/Laminates: 9

Date Received: 4/5/2025
Via: FedEx
Returned: FedEx

Setup

Shot Spacing: Per NIJ-STD-0108.01
Level II
Witness Panel: 0.02 in 2024-T3 Al
Obliquity: 0°
Backing Material: NA
Condition: Dry

Primary Vel. Screens: 6.5 ft, 9.5 ft
Primary Vel. Location: 8 ft
Range to Target: 16.5 ft
Target to Witness: 6 in

Range No.: 2
Temp: 72 °F
BP: 30.03 inHg
RH: 47%
Barrel/Gun: CDS-0210
Gunner: B Shaffer
Recorder: J. Murray

Ammunition

Projectile

Lot No.

Powder

(1) .357-mag., 158-grain JSP

Lot No. : Remington 22847

Accurate No. 2

Applicable Standards or Procedures

- (1) NIJ-STD-0108.01 Level II
- (2) Per customer request

Shot No.	Ammo	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Footnotes
1	1	2119	1416	2121	1414	1415	None	
2	1	2113	1420	2115	1418	1419	None	
3	1	2116	1418	2119	1416	1417	None	
4	1	2089	1436	2092	1434	1435	None	
5	1	2101	1428	2104	1426	1427	None	

Remarks:

Requested velocity: 1400 +/- 50 fps

Footnotes: