

# BALLISTIC RESISTANCE TEST

**NTS-Belcamp**  
4603B Compass Point Road  
Belcamp, MD 21017

Client: Adept Incorporated  
Project No.: PH00004163  
Test Date: 12/01/2022  
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**Test Panel** Description: Ballistic Shield

**Manufacturer:** Adept Incorporated

**Sample No.:** (Multi-Threat, V0) Metallic Shield

Size: N/A  
Avg. Thickness: 0.112 in  
Thicknesses: 0.114 in, 0.110 in,  
0.111 in, 0.114 in

Weight: 3.380 lbs  
Plies/Laminates: N/A

Date Received: 11/22/2022  
Received Via: FEDEX Ground  
Returned Via: FEDEX Ground

## Setup

Shot Spacing: Customer request  
Witness Panel: 0.02 in 2024-T3 Al  
Backing Material: N/A  
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 9.500  
Primary Vel. Location (ft): 8.000  
Range to Target (ft): 16.400  
Target to Witness (in): 6.000

Range No.: Range 5  
Temp: 67.7 °F  
BP: 30.5 inHg  
RH: 33.4 %  
Barrel/Gun: WC024524  
Gunner: Gregory Bonilla  
Recorder: Joseph Gerdes

## Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) .44 Mag, 240-grain SJHP (2) 9-mm, 124-grain FMJ (3) .357 Mag, 158-grain FMJ	4453 23558 22847	Speer Remington Remington	Accurate No. 5 Accurate No. 2 Accurate No. 2

## Applicable Standards or Procedures

- (1) NIJ-STD-0101.06 (Modified)
- (2) NIJ-STD-0108.01 (Modified)
- (3) Customer Request

Shot No.	Ammo	Powder/ Seating	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Obliq. (°)	Footnotes
1	2	5.8	125.3	2115	1418	2115	1418	1418	None	0	
2	2	5.8	125.3	2119	1416	2119	1416	1416	None	0	
3	3	8.2	148.6	2054	1461	2067	1451	1456	None	0	
4	3	8.1	148.6	2093	1433	2102	1427	1430	None	0	
5	1	14.6	240.1	2071	1449	2080	1442	1445	None	0	
6	1	14.5	240.1	2093	1433	2089	1436	1435	None	0	

### Remarks:

Required velocity 9mm: 1410-1470 ft/s.  
Required velocity .357 Mag: 1400-1460 ft/s.  
Required velocity .44 Mag: 1400-1460 ft/s.

### Footnotes:

N/A