

# BALLISTIC RESISTANCE TEST

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

Client: SPI Armor Solutions LLC.  
Project No.: PH00007025-3  
Test Date: 06/02/2023  
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**Test Panel** Description: Transparent armor

**Manufacturer:** SPI Armor

**Sample No.:** (.357 Mag, V0) Sample 3

Size: 18.00 x 18.00 in  
Avg. Thickness: 0.673 in  
Thicknesses: 0.674 in, 0.674 in,  
0.670 in, 0.672 in

Weight: 15.000 lbs  
Plies/Laminates: N/A

Date Received: 05/24/2023  
Received Via: UPS Ground  
Returned Via: UPS Ground

## Setup

Shot Spacing: 3 Shots on 4 in  
triangle  
Witness Panel: .125 in Cardboard  
Backing Material: N/A  
Condition: Ambient

Primary Vel. Screens (ft): 5.000, 5.333,  
9.666, 10.000  
Primary Vel. Location (ft): 7.500  
Range to Target (ft): 15.000  
Target to Witness (in): 18.000

Range No.: Range 2  
Temp: 67.0 °F  
BP: 30 inHg  
RH: 44 %  
Barrel/Gun: CT-3095  
Gunner: Kyler Reisler  
Recorder: Bernard Carr

## Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) .357-mag, 158-grain JSP	22847	Remington	Accurate No. 2

## Applicable Standards or Procedures

- (1) UL 752 Level 2  
(2) 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	1	7.1	158.0	3885	1287	3375	1284	1285	None	0.0	
2	1	7.1	158.0	3744	1335	3251	1333	1334	None	0.0	
3	1	7.1	158.0	3807	1313	3307	1310	1312	None	0.0	

### Remarks:

Required Velocity: 1250 - 1375 ft/s.  
Projectile Yaw Check: 0° Yaw on all Impacts.

### Footnotes:

N/A

SAMPLE 3

STRIKE FACE

357 MAG. VO

3

2

SPI ARMOR SOLUTIONS

DATE:

2 June 2023

JOB: PH-00007025

SAMPLE: SAMPLE # 3

THREAT: 357 MAG

Post





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