

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Ace Link Industrial Inc.

Project No.: OH000004116-2

Test Date: 08/23/2022

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Test Panel

Description: Soft armor sample. Model: A-SAP-3A-1114-FLEX2, Lot No.: 1

Manufacturer: Ace Link Industrial Inc.

Sample No.: A-SAP-3A-1114-FLEX2 - 220726-21

Size: 12.00 x 14.00 in
Avg. Thickness: N/A
Thicknesses: N/A

Weight: 1.440 lbs
Plies/Laminates: N/A

Date Received: 08/16/2022
Received Via: UPS Ground
Returned Via: UPS Ground

Setup

Shot Spacing: NIJ-STD-0101.06
Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: Range 3
Temp: 69 °F
BP: 29.8 inHg
RH: 43 %
Barrel/Gun: WC067817
Gunner: Ramon Chavez
Recorder: Bernard Carr

Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) .44 Mag, 240-grain SJHP	NA	Speer	Accurate No. 5

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 2:25 PM; Block No. WC074191; Temp: 95.7 °F; Drop Depths: 18 mm, 19.1 mm, 18.6 mm, 18.8mm, 19.1 mm

- (1) NIJ-STD-0101.06 Level IIIA (Modified)
- (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	Deformation (mm)	Obliq. (°)	Footnotes
1	1	15.2	240	3525	1418	3056	1418	1418	None	37.6	0	
2	1	15.2	240	3490	1433	3025	1432	1433	None	37.8	0	
3	1	15.2	240	3494	1431	3030	1430	1431	None	34.4	0	
4	1	15.2	240	3481	1436	3017	1436	1436	None	25.2	45	
5	1	15.2	240	3498	1429	3034	1428	1429	None	34.0	30	
6	1	15.1	240	3533	1415	3065	1414	1414	None	39.3	0	

Remarks:

Required Velocity: 1400 - 1460 ft/s
Projectile Yaw Check: 0° on all impacts

Footnotes:

N/A