

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Ace Link Industrial Inc.

Project No.: PR160162-2

Test Date: 05/26/2022

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Test Panel | Description: Torso plate. Description: B-AP-3A-1114-PE-SC

Manufacturer: Ace Link Industrial Inc.

Sample No.: (.44 Mag, V0) B-AP-3A-1114-PE-SC

Size: 11.00 x 14.00 in
Avg. Thickness: N/A
Thicknesses: N/A

Weight: 1.630 lbs
Plies/Laminates: N/A

Date Received: 05/26/2022
Received Via: UPS Ground
Returned Via: UPS Ground

Setup

Shot Spacing: NIJ-STD-0101.06
Level IIIA (modified)
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: 66.9 °F
BP: 30.2 inHg
RH: 47.2 %
Barrel/Gun: WC020651
Gunner: Justin Long
Recorder: Ramon Chavez

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: 1:15 PM; Block No. WC074196; Temp: 95.8 °F; Drop Depths: 17.8 mm, 17.9 mm, 18 mm, 17.6 mm, 18.9 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	15.0	240	3561	1404	3087	1404	1404	None	33.4	0	
2	1	15.0	240	3519	1421	3050	1421	1421	None	35.7	0	
3	1	15.0	240	3531	1416	3060	1416	1416	None	NA	0	
4	1	15.0	240	3553	1407	3080	1407	1407	None	NA	0	
5	1	15.0	240	3522	1420	3050	1421	1420	None	NA	0	
6	1	15.0	240	3531	1416	3060	1416	1416	None	NA	0	

Remarks:

Required Velocity: 1400 - 1460 ft/s

Projectile Yaw Check: 0° on all impacts.

Footnotes:

N/A