

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing
 4603B Compass Point Road
 Belcamp, MD 21017

Client: Ace Link Industrial Inc.
 Project No.: PR154978-7
 Test Date: 02/22/2022
 Page 1 of 1

Test Panel Description: Level IV Side Plate.

Manufacturer: Ace Link Industrial Inc. **Sample No.:** 220217-01 - PL-4-0608A

Size: 6.00 x 8.00 in
 Avg. Thickness: N/A
 Thicknesses: N/A

Weight: 3.440 lbs
 Plies/Laminates: N/A

Date Received: 02/18/2022
 Received Via: UPS Ground
 Returned Via: UPS Ground

Setup

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

Primary Vel. Screens (ft): 37.000, 37.333,
 46.666, 47.000
 Primary Vel. Location (ft): 42.000
 Range to Target (ft): 50.200
 Target to Witness (in): 0.000

Range No.: Range 2
 Temp: 67.9 °F
 BP: 30.2 inHg
 RH: 36 %
 Barrel/Gun: WC020650
 Gunner: Bernard Carr
 Recorder: Matt Skrocki

Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) .30-06 cal., 166-grain APM2	NA	Military	N133

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 8:45 AM; Block No. WC074169; Temp: 98.3 °F; Drop Depths: 19.1 mm, 18.0 mm, 18.1 mm, 17.7 mm, 19.2 mm
 (1) NIJ-STD-0101.06 Level III (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	41.1	162.6	3487	2868	3255	2867	2868	None	35.4	0.0	

Remarks:
 Required Velocity: 2880 ± 30 ft./s.
 Projectile Yaw Check: 0° Yaw on all Impacts.

Footnotes:
 N/A