

# BALLISTIC RESISTANCE TEST

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

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

**Test Panel** Description: Special Threat Multicurve 6.0lbs.

**Manufacturer:** Ace Link Industrial Inc.

**Sample No.:** 220217-03 - PL-3P-MC

Size: 10.00 x 12.00 in  
 Avg. Thickness: N/A  
 Thicknesses: N/A

Weight: 6.100 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: 68.2 °F  
 BP: 30.2 inHg  
 RH: 41.7 %  
 Barrel/Gun: WC020650  
 Gunner: Bernard Carr  
 Recorder: Matt Skrocki

## Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) 5.56 x 45-mm, 62-grain M855	NA	Military	N 110

## Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 9:05 AM; Block No. WC074169; Temp: 98.2 °F; Drop Depths: 19.8 mm, 17.5 mm, 19.3 mm, 19.0 mm, 18.6 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	19.2	62.2	3204	3121	2994	3117	3119	None	21.4	0.0	
2	1	19.2	62.2	3219	3107	3006	3105	3106	None	16.8	0.0	
3	1	19.2	62.3	3217	3108	3002	3109	3109	None	17.0	0.0	
4	1	19.2	62.3	3214	3111	3002	3109	3110	None	22.7	0.0	
5	1	19.2	62.4	3219	3107	3004	3107	3107	None	21.2	0.0	
6	1	19.2	62.5	3204	3121	2994	3117	3119	None	24.9	0.0	

Remarks:  
 Required Velocity: 3117 ± 30 ft./s.  
 Projectile Yaw Check: 0° Yaw on all Impacts.

Footnotes:  
 N/A