

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing 4603B Compass Point Road Belcamp, MD 21017	Client: Ace Link Industrial Inc. Project No.: PR154083-3 Test Date: 02/04/2022 Page 1 of 1
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Test Panel	Description: Soft armor sample. Material: Aramid UD, Lot No.: 9.
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Manufacturer: Ace Link Industrial Inc.	Sample No.: 220121-22
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Size: 3XL Avg. Thickness: N/A Thicknesses: N/A	Weight: 3.130 lbs Plies/Laminates: N/A	Date Received: 02/02/2022 Received Via: UPS Ground Returned Via: UPS Ground
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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: 66.1 °F BP: 29.9 inHg RH: 48.2 % Barrel/Gun: WC020651 Gunner: William Ellis Recorder: Ramon Chavez
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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: 3:00 PM; Block No. WC074179; Temp: 94.7 °F; Drop Depths: 19.3 mm, 18.4 mm, 20.1 mm, 19.7 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	240.0	3529	1417	3058	1417	1417	None	32.9	0.0	
2	1	15.0	240.0	3512	1424	3041	1425	1424	None	40.7	0.0	
3	1	15.0	240.0	3487	1434	3021	1434	1434	None	36.4	0.0	
4	1	15.0	240.0	3453	1448	2994	1447	1448	None	15.2	45.0	
5	1	15.0	240.0	3497	1430	3028	1431	1430	None	20.6	30.0	
6	1	15.0	240.0	3468	1442	3004	1442	1442	None	22.5	0.0	

Remarks:
 Required Velocity: 1400 - 1460 ft/s.
 Projectile yaw check: Less than 3° yaw on all impacts.

Footnotes:
 N/A