

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing 4603B Compass Point Road Belcamp, MD 21017	Client: Ace Link Industrial Inc. Project No.: PR154083-2 Test Date: 02/04/2022 Page 1 of 1
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Test Panel	Description: Soft armor sample. Material: Aramid Flexcore, Lot No.: 1.
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Manufacturer: Ace Link Industrial Inc.	Sample No.: 220121-11
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Size: XL Avg. Thickness: N/A Thicknesses: N/A	Weight: 2.460 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: 66.0 °F BP: 29.9 inHg RH: 47.6 % 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: 2:50 PM; Block No. WC074179; Temp: 95.2 °F; Drop Depths: 19.5 mm, 19.0 mm, 20.8 mm, 18.8 mm, 18.4 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	3526	1418	3055	1418	1418	None	34.1	0.0	
2	1	15.0	240.0	3509	1425	3038	1426	1426	None	33.2	0.0	
3	1	15.0	240.0	3485	1435	3019	1435	1435	None	34.2	0.0	
4	1	15.0	240.0	3478	1438	3011	1439	1438	None	28.7	30.0	
5	1	15.0	240.0	3497	1430	3028	1431	1430	None	25.8	45.0	
6	1	15.0	240.0	3507	1426	3038	1426	1426	None	34.6	0.0	

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

Footnotes:
 N/A