

**National Institute
of Justice (NIJ)**Approved Test Laboratory
For Personal Body Armor

Expiration Date:

April 30, 2020

National Technical Systems7447 W. 33rd St. N.
Wichita, KS 67205 U.S.A.
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NVLAP LAB CODE: 200818-0

Approved Signatory: Jake Crawford

Date Received: 11/15/19
Received Via: USPS
Returned Via: UPS**P-BFS TEST**Record No.: EWC19005-1
Test Date: 11/17/19
Customer: East West Consolidated, LLC.**Test Conditions**Temperature: 70 °F
Humidity: 49 %
Clay Block No.: 13
Clay Block Size: 24" x 24" x 5.5"
Clay Temp.: 99.8 °F
Drop Average: 20.50 mm
Test Standard: Modified / Abbreviated NIJ 0101.06, July 2008
Threat Level: III
Condition: New / Dry**Range 3**Muzzle to Screen 1: 39.30 ft.
Screen 1 - 4: 5.00 ft.
Screen 4 - Target: 5.70 ft.
Midpoint to Target: 8.20 ft.
Target to Witness: 0 in.
Barrel Length: 26 in.

Sample Tested Description		Shot / Ammunition Description				Chronograph		Test Results	
Manufacturer:	East West Consolidated, LLC. Test Plate #SP1 1 Single Curve Shooter's Cut Stand-Alone 10" x 12" 0.501" 6.953 N/A	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCITY	Perforation
Model No.:		No.	Location	Obliquity		Weight (gr.) / Type	sx-5	ft/s	BFS (mm)
Sample No.:		1	Top Left	0°	7.62mm NATO	147 / FMJ (M80)	180.2	2775	32.25
Curve:		2	Bottom Right	0°			178.5	2801	31.68
Cut:		3	Top Right	0°			181.3	2758	No Perforation
Type:		4	Middle Right	0°			179.6	2784	No Perforation
Size:		5	Middle Left	0°			178.6	2800	No Perforation
Thickness:		6	Bottom Left	0°			179.8	2781	No Perforation
Weight (lbs.):									
Threat Level:									

This test report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, NIJ or any agency of the Federal Government. This report contains data that are not covered by the NVLAP accreditation. This test was performed in accordance with the specification requirements listed in addition to any customer testing modifications or requests. The test results properly reflect the ballistic performance of the listed sample. This test report shall not be reproduced except in full without written approval of National Technical Systems.

Test Remarks/Notes:

•Plate tested non-planar (with clay build-up/mound)

Test Round Description:7.62mm NATO, 147 gr. (9.6g) FMJ (U.S. Military M80)
Test Velocity: 2780 +/- 30 ft/s**Test Procedure / Requirements:**Shot Pattern: 6-Shot evenly spaced die pattern IAW Section 7.8.1
Shot-to-Edge: 2.0" minimum
Shot-to-Shot: 2.0" minimum
Submersion: No
Drop Test: No
BFS Required: Shot No. 1 & Shot No. 2
PASS / FAIL: BFS ≤ 44.0mm (Shots 1-2); No Perforations (Shots 1-6)**Sample Description:**

•Customer Proprietary

Shot Locations (described from the shooter's perspective):Shot No. 1: Top Left 2.75" from top left "l" edge; 3.0" from top edge
Shot No. 2: Bottom Right 3.0" from bottom and right edges
Shot No. 3: Top Right 2.75" from top right "r" edge; 3.0" from top edge
Shot No. 4: Middle Right 3.0" from right edge; 3.0" from Shot No. 2 & No. 3
Shot No. 5: Middle Left 3.0" from left edge; 3.0" below Shot No. 1
Shot No. 6: Bottom Left 3.0" from bottom and left edges; 3.0" below Shot No. 5

Project Manager: Nold

Range Tech(s):

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Date Received: 11/15/19
Received Via: USPS
Returned Via: UPS**P-BFS TEST**Record No.: EWC19005-2
Test Date: 11/17/19
Customer: East West Consolidated, LLC.**Test Conditions**Temperature: 70 °F
Humidity: 49 %
Clay Block No.: 13
Clay Block Size: 24" x 24" x 5.5"
Clay Temp.: 98.3 °F
Drop Average: 19.94 mm
Test Standard: Modified / Abbreviated NIJ 0101.06, July 2008
Threat Level: III
Condition: New / Dry**Range 3**Muzzle to Screen 1: 39.30 ft.
Screen 1 - 4: 5.00 ft.
Screen 4 - Target: 5.70 ft.
Midpoint to Target: 8.20 ft.
Target to Witness: 0 in.
Barrel Length: 26 in.

Sample Tested Description		Shot / Ammunition Description				Chronograph		Test Results	
Manufacturer:	East West Consolidated, LLC. Test Plate #SP2 Sample No.: 2 Curve: Single Curve Cut: Shooter's Cut Type: Stand-Alone Size: 10" x 12" Thickness: 0.729" Weight (lbs.): 6.922 Threat Level: N/A	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFS (mm)
Model No.:		1	Top Left	0°	7.62mm NATO	147 / FMJ (M80)	180.3	2773	33.02
Sample No.:		2	Bottom Right	0°			180.1	2776	31.50
Curve:		3	Top Right	0°			181.3	2758	No Perforation
Cut:		4	Middle Right	0°			179.1	2792	No Perforation
Type:		5	Middle Left	0°			178.9	2795	No Perforation
Size:		6	Bottom Left	0°			181.2	2759	No Perforation
Thickness:									
Weight (lbs.):									
Threat Level:									

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Test Remarks/Notes:

•Plate tested non-planar (with clay build-up/mound)

Test Round Description:7.62mm NATO, 147 gr. (9.6g) FMJ (U.S. Military M80)
Test Velocity: 2780 +/- 30 ft/s**Test Procedure / Requirements:**Shot Pattern: 6-Shot evenly spaced die pattern IAW Section 7.8.1
Shot-to-Edge: 2.0" minimum
Shot-to-Shot: 2.0" minimum
Submersion: No
Drop Test: No
BFS Required: Shot No. 1 & Shot No. 2
PASS / FAIL: BFS ≤ 44.0mm (Shots 1-2); No Perforations (Shots 1-6)**Sample Description:**

•Customer Proprietary

Shot Locations (described from the shooter's perspective):Shot No. 1: Top Left 2.75" from top left "l" edge; 3.0" from top edge
Shot No. 2: Bottom Right 3.0" from bottom and right edges
Shot No. 3: Top Right 2.75" from top right "l" edge; 3.0" from top edge
Shot No. 4: Middle Right 3.0" from right edge; 3.0" from Shot No. 2 & No. 3
Shot No. 5: Middle Left 3.0" from left edge; 3.0" below Shot No. 1
Shot No. 6: Bottom Left 3.0" from bottom and left edges; 3.0" below Shot No. 5

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