

National Institute of Justice (NIJ)

Approved Test Laboratory
For Personal Body Armor

Expiration Date:

April 30, 2018

National Technical Systems

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NVLAP LAB CODE: 200818-0
Approved Signatory: Jake Crawford

Date Received: 08/08/17
Via: UPS
Returned Via: UPS

HARD ARMOR STAND-ALONE PLATE:

P-BFS TEST

Record No.: JGW17001-5
Test Date: 08/10/17
Customer: Jiangxi Great Wall Protect, Ltd.

Test Conditions

Temperature: 72 °F
Humidity: 45 %
Clay Block No.: 6
Clay Temp.: 99.5 °F
Drop Average: 20.52 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: 24 in.
Clay Block: 5.5 in.

Sample Tested Description	Shot / Projectile Description					Chronograph		Test Results
	Shot No.	Shot Location	Degree Obliquely	Caliber	Bullet Weight (gr.) / Type	TIME ss-5	VELOCITY ft/s	
Manufacturer: Jiangxi Great Wall Protect, Ltd. Model No.: N/A Serial No.: N/A Lot No.: N/A Male / Female: Male Front / Back: Front Size: 10" x 12" Style: Shooter's Cut Weight (lbs.): 3.12 Threat Level: (NIJ 0101.06): III No. of Plies: N/A Thickness (in.): 0.820	1	1	0°	7.62mm NATO	147 / FMJ (M80)	179.0	2783	Perforation BF1 (mm) 38.73
	2	2	0°	7.62mm NATO	147 / FMJ (M80)	181.3	2758	38.63
	3	3	0°	7.62mm NATO	147 / FMJ (M80)	181.1	2761	No Perforation
	4	4	0°	7.62mm NATO	147 / FMJ (M80)	179.8	2781	No Perforation
	5	5	0°	7.62mm NATO	147 / FMJ (M80)	180.9	2764	No Perforation
	6	6	0°	7.62mm NATO	147 / FMJ (M80)	179.5	2786	No Perforation

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Test Remarks/Notes:

Test Round Description:

7.62mm NATO, 147 gr. (9.6g) FMJ (U.S. Military M80)
Test Velocity: 2780 +/- 30 ft/s

Sample Description:

-Customer Proprietary

OFFICIAL NTS TEST CERTIFICATE



Matt Lutz

Matt Lutz
Division Manager

Project Manager: Wilson
Range Tech(s): Nold