

National Technical Systems

7447 W. 33rd St. N.
Wichita, KS 67205 U.S.A.
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HARD AND FLEXIBLE ARMOR ICW SYSTEM:

P-BFS TEST

Date Received: February 28, 2023
Via: Hand Carry
Returned Via: Hand Carry

Record No.: RMA23001-9
Test Date: February 28, 2023
Customer: RMA

Test Conditions

Temperature: 68.9 °F
Humidity: 52 %

Clay Block No.: 11
Clay Block Size: 24" x 24" x 5.5" °F
Clay Temp.: 96.8
Drop Average: 24.30

Range 3

Muzzle to Screen 1: 10.00 ft.
Screen 1 - 4: 5.00 ft.
Screen 4 - Target: 10.00 ft.
Midpoint to Target: 12.50 ft.
Barrel Length: 26 in.

Test Standard: Modified / Abbreviated NIJ Standard 0101.07 Draft February 14, 2020
Threat Level: NIJ RF2
Conditioning: Dry

Plate Tested Description		Shot / Projectile Description				Chronograph		Test Results	
		Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFD (mm)
Manufacturer:	RMA	1	1	0°			180.4	2772	34.53
Model No.:	ESRT	2	2	0°	7.62mm NATO	147 / FMJ (M80)	180.8	2765	32.20
Serial No.:	Sample - 1	3	3	0°			179.8	2781	35.82
Size (in.):	9.5 x 12.5								
Weight (lbs.):	5.008								
ICW Tested Description									
Manufacturer:	N/A								
Model No.:	IIIA								
Serial No.:	N/A								
Size (in.):	C5								
Weight (lbs.):	3.599								

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)

Project Manager: Nold
Range Tech(s): Montgomery Zerger

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HARD AND FLEXIBLE ARMOR ICW SYSTEM:

P-BFS TEST

Date Received: February 28, 2023
Via: Hand Carry
Returned Via: Hand Carry

Record No.: RMA23001-10
Test Date: February 28, 2023
Customer: RMA

Test Conditions

Temperature: 68.9 °F
Humidity: 52 %

Clay Block No.: 11
Clay Block Size: 24" x 24" x 5.5" °F
Clay Temp.: 96.8
Drop Average: 24.30

Range 3

Muzzle to Screen 1: 10.00 ft.
Screen 1 - 4: 5.00 ft.
Screen 4 - Target: 10.00 ft.
Midpoint to Target: 12.50 ft.
Barrel Length: 20 in.
26 in.

Test Standard: Modified / Abbreviated NIJ Standard 0101.07 Draft February 14, 2020
Threat Level: NIJ RF2
Conditioning: Dry

Plate Tested Description		Shot / Projectile Description				Chronograph		Test Results	
Manufacturer:	RMA	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFD (mm)
Model No.:	ESRT	1	1	0°	7.62x39mm	123 / MSC	208.4	2399	26.24
Serial No.:	Sample - 2	2	2	0°	5.56x45mm	56 / M193	154.1	3245	19.08
Size (in.):	9.5 x 12.5	3	3	0°		61.8 / M855	159.8	3129	17.79
Weight (lbs.):	5.024								
ICW Tested Description									
Manufacturer:	N/A								
Model No.:	IIIA								
Serial No.:	N/A								
Size (in.):	C5								
Weight (lbs.):	3.596								

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Test Remarks/Notes:

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

Project Manager: Nold
Range Tech(s): Montgomery Zerger