

# Element Materials Technology Wichita

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## HARD ARMOR STAND-ALONE PLATE:

### P-BFS TEST

Date Received: April 15, 2026  
Via: Hand Carry  
Returned Via: Hand Carry

Record No.: RMA26001-2  
Test Date: April 15, 2026  
Customer: RMA Armament, Inc.

#### Test Conditions

Temperature: 70.0 °F  
Humidity: 53 %

Clay Block No.: 5  
Clay Block Size: 24" x 24" x 5.5" °F  
Clay Temp.: 94.8  
Drop Average: 19.41

#### 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.

Test Standard: Modified / Abbreviated NIJ Standard 0101.07 October, 2023  
Threat Level: NIJ RF1  
Conditioning: Wet / Dropped

Sample 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 Armament, Inc.	1	1	0°			209.8	2383	20.01
Model No.: 1003MC-Gen 2	2	2	0°	7.62x39mm	123 / MSC	209.0	2392	22.49
Lot No.: 260301	3	3	0°			210.4	2376	29.76
Serial No.: 2026316-03								
Size: 9.5x12.5								
Weight (lbs.): 2.76								

***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 Element Materials Technology.***

#### Notes:

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

#### Ammunition Description:

7.62x39mm (Chinese Type 56) 123 gr. MSC (Steel Jacket Mild Steel Core PT BT\_IAW Figure 1a, b & c)  
Velocity: 2400 +/- 30 ft/s

#### Sample Description:

•Customer Proprietary.

Project Manager: Montgomery  
Range Tech(s): Sudduth Burk