

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.: RMA26001-3
Test Date: April 15, 2026
Customer: RMA Armament, Inc.

Test Conditions

Temperature: 69.8 °F
Humidity: 39 %

Clay Block No.: 5
Clay Block Size: 24" x 24" x 5.5" °F
Clay Temp.: 94.4
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: 26 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°			154.0	3247	21.28
Model No.: 1003MC-Gen 2	2	2	0°	5.56x45mm	56 / M193	154.8	3230	19.34
Lot No.: 260301	3	3	0°			153.0	3268	22.12
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:

5.56mm 56 +0 / -2 gr. (54-56 gr.) M193 BT (U.S. Military Supply / NATO Specifications)
Velocity: 3250 +/- 30 ft/s

Sample Description:

•Customer Proprietary.

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