

Element Materials Technology Wichita

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HARD ARMOR STAND-ALONE PLATE:

P-BFS TEST

Date Received: April 10, 2025
Via: Hand Carry
Returned Via: Hand Carry

Record No.: RMA25004-10
Test Date: April 10, 2025
Customer: RMA Armament, Inc.

Test Conditions

Temperature: 72.1 °F
Humidity: 37 %

Clay Block No.: 11
Clay Block Size: 24" x 24" x 5.5" °F
Clay Temp.: 97.2
Drop Average: 18.40

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: 28 in.

Test Standard: Modified / Abbreviated NIJ Standard 0101.07 October, 2023
Threat Level: NIJ RF3
Conditioning: Wet / Dropped

Sample Tested Description		Shot / Projectile Description				Chronograph		Test Results
Manufacturer: RMA Armament, Inc. Model No.: 1155MC-Gen2 Lot No.: 240627 Serial No.: 20250990171 Size: 9.5 x 12.5 Weight (lbs.): 7.846	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation
								BFD (mm)
	1	1	0°	.30-06	165.7 / M2 AP	173.6	2880	27.53
	2	2	0°			173.5	2882	No Perforation

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:
.30 Cal. (.30-06) 166 gr. (10.8g) AP (U.S Military M2AP)
Velocity: 2880 +/- 30 ft/s

Sample Description:
•Customer Proprietary.

ITAR-Controlled Data

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Project Manager: Montgomery
Range Tech(s): Nold