

National Technical Systems

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FLEXIBLE ARMOR: P-BFS TEST**P-BFS TEST**

Date Received: February 24, 2023
 Via: FedEx
 Returned Via: FedEx

Record No.: EXT23002-3
 Test Date: March 2, 2023
 Customer: Extant Armor Co.

Test Conditions

Temperature: 68.6 °F
 Humidity: 36 %

Clay Block No.: 7
 Clay Block Size: 24" x 24" x 5.5"
 Clay Temperature: 95.3 °F
 Drop Average: 20.05 mm

Test Standard: IAW Modified / Abbreviated NIJ 0101.06, July 2008
 Threat Level: III+

Conditioning: No
 Drop Test: No
 Submersion: No

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.
 Barrel Length: 26 in.

Sample Description	Shot / Projectile Description				Chronograph		Test Results	
	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME s±f	VELOCITY f/s	Penetration BFs (mm)
Manufacturer: Extant Armor Co. Model No.: CATAPRACT III+ Serial No.: N/A Size (in.): 10 x 12 Weight (lbs.): 6.524	1	Top Left	0°	7.62mm NATO	147 / FMJ (M80)	181.0	2762	42.19
	2	Bottom Right	0°			180.5	2770	33.95
	3	Bottom Left	0°	5.56x45mm	62 / M855	160.4	3117	19.71
	4	Top Right	0°			160.2	3121	16.62

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.

Notes:

-Stand-Alone plate tested planar (without clay mound / build-up).

Sample Description:

-Customer Proprietary.

Project Manager: Montgomery
 Range Tech(s): Wilson