

# National Technical Systems

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## HARD ARMOR STAND-ALONE PLATE:

### P-BFS TEST

Date Received: June 14, 2023  
Via: FedEx  
Returned Via: FedEx

Record No.: EXT23007-5  
Test Date: June 26, 2023  
Customer: Extant Armor Co.

#### Test Conditions

Temperature: 70.2 °F  
Humidity: 42 %  
Clay Block No.: 11  
Clay Block Size: 24" x 24" x 5.5"  
Clay Temperature: 96.8 °F  
Drop Average: 17.82 mm

#### 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: 28 in.

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

Conditioning: No  
Drop Test: No  
Submersion: No

Sample 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 BFS (mm)
Manufacturer: Extant Armor Co. Model No.: CATAPHRACT Serial No.: N/A Size (in.): 10 x 12 Weight (lbs.): 9.614	1	Center	0°	.30 Cal. (.30-06)	166 / M2AP	173.5	2882	34.62

*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).

#### Ammunition Description:

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

#### Sample Description:

•Customer Proprietary.

Project Manager: Montgomery  
Range Tech(s): Nold