

**National Institute
of Justice (NIJ)**

Approved Test Laboratory
For Personal Body Armor

Expiration Date:

April 30, 2022

National Technical Systems

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NVLAP LAB CODE: 200818-0

Approved Signatory: Jake Crawford

FLEXIBLE ARMOR:

P-BFS TEST

Date Received: 6/18/2020
Via: FedEx
Returned Via: FedEx

Record No.: EXT20002-1
Test Date: 6/19/2020
Customer: Extant Armor Co.

Test Conditions

Temperature: 70.0 °F
Humidity: 50 %

Clay Block No.: 9
Clay Block Size: 24" x 24" x 5.5"
Clay Temp.: 98.9 °F
Drop Average: 20.07 mm

Range 2

Muzzle to Screen 1: 5.70 ft.
Screen 1 - 4: 5.00 ft.
Screen 4 - Target: 5.70 ft.
Midpoint to Target: 8.20 ft.
Barrel Length: 8 in.

Test Standard: Modified / Abbreviated NIJ 0101.06, July 2008

Threat Level: IIIA
Condition: New / Dry

Sample Tested Description	Shot / Projectile Description					Chronograph		Test Results
	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME s±5	VELOCITY f/s	Perforation BFS (mm)
Manufacturer: Extant Armor Co.	1	1	0°			352.5	1418	31.79
Model No.: N/A	2	2	0°			357.1	1400	36.86
Sample No.: 1	3	3	0°			356.2	1404	36.82
Style / Type: Flexible Armor Panel	4	4	30°	.44 Mag.	240 / JHP	343.6	1455	21.60
Shape / Cut: Shooter's Cut	5	5	45°			355.8	1405	13.21
Size: 10" x 12"	6	6	0°			348.0	1437	27.81
Weight (lbs.): 1.650								
Threat Level: (NIJ 0101.06): IIIA								

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Test Remarks/Notes:

- *Panel tested in cover only, no outer carrier provided
- *Shot Nos. 1-6 tested planar (pressed flat against clay backing)

*Customer requested BFS be recorded for all shots (1-6)

Test Requirements:

Submersion: NO, tested "Dry" IAW customer request
BFS: Shot No. 1 - 3
PASS / FAIL: No Perforations (Shots 1-6)
BFS ≤ 44.0mm (Shots 1-3)

Shot Spacing Requirements:

- *Shot Pattern: IAW Section 7.8.1 Shot Location Marking
- *Shot-to-Edge: (Shots 1-3) 3.0" - 3.75" (Threat 2)
(Shots 4-6) 3.0" Minimum (Threat 2)
Within a 100mm (3.93") diameter circle at center of panel
- *Shot-to-Shot: 2.0" Minimum

Test Round Description:

Speer .44 Magnum, 240 gr. (15.55g) JHP (4453 or 4736)
Test Velocity: 1430 +/- 30 ft/s