

National Technical Systems

7447 W. 33rd St. N.
 Wichita, KS 67205 U.S.A.
 Phone (316) 832-1600 Fax (316) 832-1602
 Email ustl@nts.com
 www.nts.com/locations/wichita

HARD ARMOR STAND-ALONE PLATE:

Date Received: Feb. 11, 2020
 Via: FedEx
 Returned Via: FedEx

P-BFS TEST

Record No.: EXT21001-1
 Test Date: Feb. 16, 2021
 Customer: Extant Armor

Test Conditions

Temperature: 70.9 °F
 Humidity: 30 %
 Clay Block No.: 4
 Clay Block Size: 24" x 24" x 5.5"
 Clay Temperature: 101.6 °F
 Drop Average: 20.85 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: 26 in.

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

Conditioning: No
 Drop Test: No
 Submersion: No

Sample Description		Shot / Projectile Description				Chronograph		Test Results	
Manufacturer:	Extant Armor	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFS (mm)
Model No.:	HOPLITE	1	Top Left	0°	7.62mm NATO	147 / FMJ (M80)	178.9	2795	31.45
Lot No.:	N/A	2	Bottom Right	0°			181.7	2752	26.28
Serial No.:	N/A	3	Top Right	0°			181.4	2756	29.60
Size:	10" x 12"	4	Middle Right	0°			180.4	2772	26.49
Weight (lbs.):	8.25	5	Middle Left	0°			179.0	2793	25.97
		6	Bottom Left	0°			180.6	2769	13.23

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.

Test Remarks/Notes:
 •Stand-Alone plate tested non-planar (with clay mound / build-up)

Sample Description:
 •Customer Proprietary

Project Manager:	Nold
Range Tech(s):	Woods

National Technical Systems

7447 W. 33rd St. N.
 Wichita, KS 67205 U.S.A.
 Phone (316) 832-1600 Fax (316) 832-1602
 Email ustl@nts.com
 www.nts.com/locations/wichita

HARD ARMOR STAND-ALONE PLATE:

Date Received: Feb. 11, 2020
 Via: FedEx
 Returned Via: FedEx

P-BFS TEST

Record No.: EXT21001-2
 Test Date: Feb. 16, 2021
 Customer: Extant Armor

Test Conditions

Temperature: 70.9 °F
 Humidity: 30 %
 Clay Block No.: 4
 Clay Block Size: 24" x 24" x 5.5"
 Clay Temperature: 101.1 °F
 Drop Average: 20.60 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: 26 in.

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

Conditioning: No
 Drop Test: No
 Submersion: No

Sample Description		Shot / Projectile Description				Chronograph		Test Results	
Manufacturer:	Extant Armor	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFS (mm)
Model No.:	HOPLITE	1	Top Left	0°	5.56x45mm	62 / M855	159.5	3135	2.11
Lot No.:	N/A	2	Bottom Right	0°			158.9	3147	4.49
Serial No.:	N/A	3	Top Right	0°			159.8	3129	5.42
Size:	10" x 12"	4	Middle Right	0°			156.1	3203	14.61
Weight (lbs.):	8.27	5	Middle Left	0°			158.1	3163	4.65
		6	Bottom Left	0°			160.2	3121	10.70

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.

Test Remarks/Notes:
 •Stand-Alone plate tested non-planar (with clay mound / build-up)

Sample Description:
 •Customer Proprietary

Project Manager:	Nold
Range Tech(s):	Woods