

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: AHOLDTECHPH CORPORATION

Job No.: CD01-2019-R03BRT-164751

Test Date: 12/5/2019

Test Panel

Description: Proprietary. Soft armor. Sample No.: 1 PCS.

Manufacturer: AHOLDTECHPH CORPORATION

Sample No.: 1 (44 Mag, V0-Amb.)

Size: C-3
Avg. Thick: NA
Thickness: NA

Weight: 2.59 lbs
Plies/Laminates: NA

Date Received: 12/5/2019
Via: DHL
Returned: DHL

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 3
Temp: 65.6 °F
BP: 29.7 inHg
RH: 41.2%
Barrel/Gun: CT-3108
Gunner: G. Bonilla
Recorder: Ramon Chavez

Ammunition

Projectile	Lot No.	Powder
(1) .44-mag., 240-grain SJHP	Speer B02X	Accurate No. 5

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 9:45 PM; Block No. 22; Temp: 90.1°F; Drop Depths: 18.2mm,17.8mm,20.4mm,16.9mm,17.3mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (μs)	Vel. 1 (ft/s)	Time 2 (μs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	240.0	3026	1652	2613	1658	1655	None	37.5	0.0	
2	1	240.0	3028	1651	2613	1658	1655	None	44.1	0.0	
3	1	240.0	3028	1651	2613	1658	1655	None	39.4	0.0	
4	1	240.0	3036	1647	2623	1652	1649	None		45.0	
5	1	240.0	3065	1631	2645	1638	1635	None		30.0	
6	1	240.0	3036	1647	2621	1653	1650	None		0.0	

Remarks:

Required velocity: 1650 +/- 30 ft/s.

Footnotes:

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4603B Compass Point Road
Belcamp, MD 21017

Client: AHOLDTECHPH CORPORATION
Job No.: CD01-2019-R03BRT-164758
Test Date: 12/5/2019

Test Panel

Description: Proprietary. Soft armor. Sample No.: 1 PCS.

Manufacturer: AHOLDTECHPH CORPORATION

Sample No.: 1 (357 sig, V0-Amb.)

Size: C-3
Avg. Thick: NA
Thickness: NA

Weight: 2.34 lbs
Plies/Laminates: NA

Date Received: 12/5/2019
Via: DHL
Returned: DHL

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 3
Temp: 65.6 °F
BP: 29.7 inHg
RH: 41.9%
Barrel/Gun: CT-3105
Gunner: G. Bonilla
Recorder: Ramon Chavez

Ammunition

Projectile	Lot No.	Powder
(1) .357-cal., 125-grain SIG FMJ FN	Speer A27R	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 10:50 AM; Block No. 28; Temp: 90.8°F; Drop Depths: 17.8mm,18.9mm,20.2mm,18.9mm,19.7mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (μs)	Vel. 1 (ft/s)	Time 2 (μs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	125.0	3387	1476	2933	1477	1477	None	25	0.0	
2	1	125.0	3400	1471	2945	1471	1471	None	23.1	0.0	
3	1	125.0	3365	1486	2914	1487	1486	None	26	0.0	
4	1	125.0	3373	1482	2921	1483	1483	None		45.0	
5	1	125.0	3373	1482	2921	1483	1483	None		30.0	
6	1	125.0	3336	1499	2889	1500	1499	None		0.0	

Remarks:

Required velocity: 1470 +/- 30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: AHOLDTECHPH CORPORATION

Job No.: CD01-2019-R03BRT-164746

Test Date: 12/5/2019

Test Panel

Description: Proprietary. Soft armor. Sample No.: 1 PCS.

Manufacturer: AHOLDTECHPH CORPORATION

Sample No.: 2 (44 Mag, V0-Wet)

Size: C-3
Avg. Thick: NA
Thickness: NA

Weight: 2.57 lbs
Plies/Laminates: NA

Date Received: 12/5/2019
Via: DHL
Returned: DHL

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Wet per NIJ-STD-0101.06

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 3
Temp: 65.6 °F
BP: 29.7 inHg
RH: 42.0%
Barrel/Gun: CT-3108
Gunner: G. Bonilla
Recorder: Ramon Chavez

Ammunition

Projectile	Lot No.	Powder
(1) .44-mag., 240-grain SJHP	Speer B02X	Accurate No. 5

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 9:15 AM; Block No. 22; Temp: 91°F; Drop Depths: 17.6mm,18.1mm,16.9mm,18.6mm,17.9mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (μs)	Vel. 1 (ft/s)	Time 2 (μs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	240.0	3036	1647	2621	1653	1650	None	39.7	0.0	
2	1	240.0	3033	1649	2621	1653	1651	None	33	0.0	
3	1	240.0	3080	1623	2660	1629	1626	None	38.6	0.0	
4	1	240.0	3063	1632	2655	1632	1632	None		30.0	
5	1	240.0	3048	1640	2633	1646	1643	None		45.0	
6	1	240.0	3019	1656	2606	1663	1659	None		0.0	

Remarks:

Required velocity: 1650 +/- 30 ft/s.

Footnotes:

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4603B Compass Point Road
Belcamp, MD 21017

Client: AHOLDTECHPH CORPORATION
Job No.: CD01-2019-R03BRT-164755
Test Date: 12/5/2019

Test Panel

Description: Proprietary. Soft armor. Sample No.: 1 PCS.

Manufacturer: AHOLDTECHPH CORPORATION

Sample No.: 2 (357 sig, V0-Wet)

Size: C-3
Avg. Thick: NA
Thickness: NA

Weight: 2.8 lbs
Plies/Laminates: NA

Date Received: 12/5/2019
Via: DHL
Returned: DHL

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Wet per NIJ-STD-0101.06

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 3
Temp: 65.6 °F
BP: 29.7 inHg
RH: 43.8%
Barrel/Gun: CT-3105
Gunner: G. Bonilla
Recorder: Ramon Chavez

Ammunition

Projectile	Lot No.	Powder
(1) .357-cal., 125-grain SIG FMJ FN	Speer A27R	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 10:36 AM; Block No. 28; Temp: 92.6°F; Drop Depths: 17.5mm,19.8mm,20.7mm,19.4mm,18.1mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (μs)	Vel. 1 (ft/s)	Time 2 (μs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	125.0	3412	1465	2953	1467	1466	None	28	0.0	
2	1	125.0	3441	1453	2980	1454	1454	None	25.5	0.0	
3	1	125.0	3451	1449	2987	1451	1450	None	26.6	0.0	
4	1	125.0	3419	1462	2960	1464	1463	None		30.0	
5	1	125.0	3419	1462	2960	1464	1463	None		45.0	
6	1	125.0	3448	1450	2985	1452	1451	None		0.0	

Remarks:

Required velocity: 1470 +/- 30 ft/s.

Footnotes: