



2873 22nd St SE
Salem, OR 97302

Tel: 503.540.8114
Fax: 503.362.5597
www.oregonbl.com
ISO/IEC 17025:2017 Accredited Laboratory
NVLAP Code: 200826-0

August 2nd, 2023

Safe Life Defense
1379 Raiders Way
Henderson, NV 89052
ATTN: Nick Groat

Dear Mr. Groat:

In accordance with your instructions, Oregon Ballistic Laboratories conducted Ballistic Resistance (V₀) testing on five samples.

The samples were tested in accordance with NIJ-STD-0101.07 (draft) HG2 (abbreviated) (modified) in an indoor range with the muzzle of the test barrel mounted 15 feet away from the target and positioned to produce 0-degree obliquity impacts. Four Oehler model 57 infrared velocity light screens, in conjunction with two HP 5315A time-based frequency counters, were placed such that projectile velocity was measured 8.25 feet from the target. Penetrations were determined by examination of a 5.5-inch clay block mounted behind the test sample. Results for all testing performed for this purpose are summarized in the following table.

| Test Sample | | | Ballistic Threat | | | | Results | | | |
|-------------|-------------|---------------|------------------|-------|----------------|------|--------------|----------|-------|-------------|
| OBL No.: | Sample No.: | Weight (lbs.) | Projectile | Shots | Velocity (fps) | | Penetrations | BFD (mm) | | Pass/Fail |
| | | | | | Min. | Max. | | Min. | Max. | |
| 36102 | HG2-2.16 | 1.37 | 9mm FMJ | 6 | 1473 | 1499 | 0 | 33.31 | 35.23 | <u>PASS</u> |
| 36103 | HG2-2.17 | 1.38 | 9mm FMJ | 6 | 1446 | 1498 | 0 | 31.72 | 33.74 | <u>PASS</u> |
| 36104 | HG2-2.18 | 1.36 | .44Mag SJHP | 6 | 1417 | 1437 | 0 | 32.99 | 39.80 | <u>PASS</u> |
| 36105 | HG2-2.19 | 1.37 | .44Mag SJHP | 6 | 1409 | 1421 | 0 | 35.05 | 37.62 | <u>PASS</u> |
| 36106 | HG2-2.20 | 4.70 | .44Mag SJHP | 6 | 1405 | 1443 | 0 | 35.75 | 36.41 | <u>PASS</u> |

*Data shown in the table represents fair impacts only.

This report pertains only to the samples tested and may not be modified or edited in any way. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any federal government agency. Samples will be maintained at Oregon Ballistic Laboratories for 30 days and discarded unless other instructions are received. If you have any further questions or concerns, don't hesitate to contact us.

Darius Nuttbrock
Ballistic Test Director
Oregon Ballistic Laboratories
503.689.5134
Email: dnuttbrock@oregonbl.com

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Contributors to measurement of uncertainty:

Velocity- tape measure used for screen spacing, Measurement of uncertainty of frequency counters BFD- Measurement of uncertainty of depth gauges



BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
 OBL ID#: 36102
 Date Rcv'd: 7/20/2023
 Test Date: 8/2/2023
 Purchase Order:

| TEST SAMPLE | |
|-----------------|----------------------------|
| Sample No.: | HG2-2.16 |
| Model No.: | N/A |
| Lot No.: | N/A |
| Plies: | N/A |
| Description: | Level HG2 Soft Armor Panel |
| Size: | C1 |
| Weight (lb.): | 1.37 |
| Thickness: | |
| Avg. Thk. (in): | |

| RANGE SET-UP | | | | | | | | | |
|----------------------------|---|----------------|---------------|------------------|-------|-------|-------|-------|-------|
| Range to Target: | 15 ft. | Range #: | 3 | Pre Test: | | | | | |
| Screen Dist. Vel. 1 (ft.): | 5 | Temperature: | 66.9 °F | Clay Drops (mm): | 19.96 | 21.39 | 21.76 | 20.07 | 20.89 |
| Screen Dist. Vel. 2 (ft.): | 4 | Bar. Pressure: | 29.87 in. Hg | Drop Avg (mm): | 20.81 | | | | |
| Screen 4 to target (ft): | N/A | Rel. Humidity: | 47.0 % | Clay Temp °F: | 97.0 | | | | |
| Primary Vel. Location: | 8.25 ft. from target | Sample Temp. | Amb. °F | Clay Box #: | 9 | | | | |
| Striking Velocity: | No | Recorder: | Jerhemi Stone | Post Test: | | | | | |
| Target to Witness: | N/A | Gunner: | Chris Moe | Clay Drops (mm): | 19.66 | 18.80 | 21.43 | 21.14 | 29.69 |
| Witness Panel: | N/A | | | Drop Avg (mm): | 22.14 | | | | |
| Backing Material: | 5.5" clay block w/ 3/4" plywood backing | | | Clay Temp °F: | 96.8 | | | | |
| Obliquity: | 0 Degrees | | | | | | | | |
| Barrel: | 9mm Luger/1:10/8" | | | | | | | | |

| AMMUNITION | |
|-------------|---------------------------|
| Projectile: | 9mm 124gr. FMJ Lot #23558 |
| Powder: | Accurate No. 2 |

| STANDARDS / PROCEDURES | |
|--|--------------------------------------|
| NIJ-STD-0101.07 (draft) HG2 (abbrev) (mod) | Required Velocity: 1470 fps ± 30 fps |

| SHOT NO. | PROJECTILE WT. (gr.) | POWDER WT. (gr.) | TIME 1 μs (10 ⁻⁶) | TIME 2 μs (10 ⁻⁶) | VELOCITY 1 ft/s | VELOCITY 2 ft/s | AVERAGE VELOCITY | PENET. P/C | OBLIQUITY | CALIPER BFD | NOTES |
|----------|----------------------|------------------|-------------------------------|-------------------------------|-----------------|-----------------|------------------|------------|-----------|-------------|-------|
| 1 | 124.1 | 6.4 | 3335 | 2671 | 1499 | 1498 | 1499 | P | 0° | 35.23 | |
| 2 | 125.3 | 6.4 | 3339 | 2674 | 1497 | 1496 | 1497 | P | 0° | 33.31 | |
| 3 | 124.5 | 6.4 | 3395 | 2717 | 1473 | 1472 | 1473 | P | 0° | 34.51 | |
| 4 | 124.2 | 6.4 | 3357 | 2687 | 1489 | 1489 | 1489 | P | 30° | | |
| 5 | 124.5 | 6.4 | 3341 | 2670 | 1497 | 1498 | 1498 | P | 45° | | |
| 6 | 124.6 | 6.4 | 3376 | 2701 | 1481 | 1481 | 1481 | P | 0° | | |

REMARKS:
 P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit
 Projectile Yaw Check: <5° for all velocity shots

TEST RESULTS:
 Test sample satisfied the ballistic requirements given.
FOOTNOTES:
 Sample was not subjected to Armor Submersion.

This report pertains only to the samples tested and must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.



BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
 OBL ID#: 36103
 Date Rcv'd: 7/20/2023
 Test Date: 8/2/2023
 Purchase Order:

| TEST SAMPLE | |
|-----------------|----------------------------|
| Sample No.: | HG2-2.17 |
| Model No.: | N/A |
| Lot No.: | N/A |
| Plies: | N/A |
| Description: | Level HG2 Soft Armor Panel |
| Size: | C1 |
| Weight (lb.): | 1.38 |
| Thickness: | |
| Avg. Thk. (in): | |

| RANGE SET-UP | | | | | | | | | |
|----------------------------|---|----------------|---------------|------------------|-------|-------|-------|-------|-------|
| Range to Target: | 15 ft. | Range #: | 3 | Pre Test: | | | | | |
| Screen Dist. Vel. 1 (ft.): | 5 | Temperature: | 66.9 °F | Clay Drops (mm): | 19.96 | 21.39 | 21.76 | 20.07 | 20.89 |
| Screen Dist. Vel. 2 (ft.): | 4 | Bar. Pressure: | 29.87 in. Hg | Drop Avg (mm): | 20.81 | | | | |
| Screen 4 to target (ft): | N/A | Rel. Humidity: | 47.0 % | Clay Temp °F: | 97.0 | | | | |
| Primary Vel. Location: | 8.25 ft. from target | Sample Temp. | Amb. °F | Clay Box #: | 9 | | | | |
| Striking Velocity: | No | Recorder: | Jerhemi Stone | Post Test: | | | | | |
| Target to Witness: | N/A | Gunner: | Chris Moe | Clay Drops (mm): | 19.66 | 18.80 | 21.43 | 21.14 | 20.69 |
| Witness Panel: | N/A | | | Drop Avg (mm): | 20.34 | | | | |
| Backing Material: | 5.5" clay block w/ 3/4" plywood backing | | | Clay Temp °F: | 96.8 | | | | |
| Obliquity: | 0 Degrees | | | | | | | | |
| Barrel: | 9mm Luger/1:10/8" | | | | | | | | |

| AMMUNITION | |
|-------------|---------------------------|
| Projectile: | 9mm 124gr. FMJ Lot #23558 |
| Powder: | Accurate No. 2 |

| STANDARDS / PROCEDURES | |
|--|--------------------------------------|
| NIJ-STD-0101.07 (draft) HG2 (abbrev) (mod) | Required Velocity: 1470 fps ± 30 fps |

| SHOT NO. | PROJECTILE WT. (gr.) | POWDER WT. (gr.) | TIME 1 μs (10 ⁻⁶) | TIME 2 μs (10 ⁻⁶) | VELOCITY 1 ft/s | VELOCITY 2 ft/s | AVERAGE VELOCITY | PENET. P/C | OBLIQUITY | CALIPER BFD | NOTES |
|----------|----------------------|------------------|-------------------------------|-------------------------------|-----------------|-----------------|------------------|------------|-----------|-------------|-------|
| 1 | 124.4 | 6.4 | 3337 | 2672 | 1498 | 1497 | 1498 | P | 0° | 33.74 | |
| 2 | 124.0 | 6.3 | 3345 | 2677 | 1495 | 1494 | 1495 | P | 0° | 31.72 | |
| 3 | 124.2 | 6.3 | 3367 | 2695 | 1485 | 1484 | 1485 | P | 0° | 32.51 | |
| 4 | 124.4 | 6.3 | 3369 | 2696 | 1484 | 1484 | 1484 | P | 30° | | |
| 5 | 125.2 | 6.3 | 3459 | 2769 | 1446 | 1445 | 1446 | P | 45° | | |
| 6 | 123.4 | 6.3 | 3387 | 2710 | 1476 | 1476 | 1476 | P | 0° | | |

REMARKS:
 P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit
 Projectile Yaw Check: <5° for all velocity shots

TEST RESULTS:
 Test sample satisfied the ballistic requirements given.
FOOTNOTES:
 Sample was not subjected to Armor Submersion.

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BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
 OBL ID#: 36104
 Date Rcv'd: 7/20/2023
 Test Date: 8/2/2023
 Purchase Order:

| TEST SAMPLE | |
|-----------------|----------------------------|
| Sample No.: | HG2-2.18 |
| Model No.: | N/A |
| Lot No.: | N/A |
| Plies: | N/A |
| Description: | Level HG2 Soft Armor Panel |
| Size: | C1 |
| Weight (lb.): | 1.36 |
| Thickness: | |
| Avg. Thk. (in): | |

| RANGE SET-UP | | | | | | | | | |
|----------------------------|---|----------------|---------------|------------------|-------|-------|-------|-------|-------|
| Range to Target: | 15 ft. | Range #: | 3 | Pre Test: | | | | | |
| Screen Dist. Vel. 1 (ft.): | 5 | Temperature: | 66.9 °F | Clay Drops (mm): | 19.92 | 18.45 | 19.14 | 20.11 | 20.15 |
| Screen Dist. Vel. 2 (ft.): | 4 | Bar. Pressure: | 29.87 in. Hg | Drop Avg (mm): | 19.55 | | | | |
| Screen 4 to target (ft): | N/A | Rel. Humidity: | 47.0 % | Clay Temp °F: | 98.4 | | | | |
| Primary Vel. Location: | 8.25 ft. from target | Sample Temp. | Amb. °F | Clay Box #: | 6 | | | | |
| Striking Velocity: | No | Recorder: | Jerhemi Stone | Post Test: | | | | | |
| Target to Witness: | N/A | Gunner: | Chris Moe | Clay Drops (mm): | 19.18 | 19.01 | 21.73 | 20.38 | 17.81 |
| Witness Panel: | N/A | | | Drop Avg (mm): | 19.62 | | | | |
| Backing Material: | 5.5" clay block w/ 3/4" plywood backing | | | Clay Temp °F: | 94.4 | | | | |
| Obliquity: | 0 Degrees | | | | | | | | |
| Barrel: | .44 Mag/1:20/8" | | | | | | | | |

| AMMUNITION | |
|-------------|-------------------------------|
| Projectile: | .44 Mag 240gr. SJHP Lot #4453 |
| Powder: | Accurate No. 2 |

| STANDARDS / PROCEDURES | |
|--|--------------------------------------|
| NIJ-STD-0101.07 (draft) HG2 (abbrev) (mod) | Required Velocity: 1430 fps ± 30 fps |

| SHOT NO. | PROJECTILE WT. (gr.) | POWDER WT. (gr.) | TIME 1 μs (10 ⁻⁶) | TIME 2 μs (10 ⁻⁶) | VELOCITY 1 ft/s | VELOCITY 2 ft/s | AVERAGE VELOCITY | PENET. P/C | OBLIQUITY | CALIPER BFD | NOTES |
|----------|----------------------|------------------|-------------------------------|-------------------------------|-----------------|-----------------|------------------|------------|-----------|-------------|-------|
| 1 | 240.0 | 12.4 | 3494 | 2811 | 1431 | 1423 | 1427 | P | 0° | 39.14 | |
| 2 | 239.6 | 12.4 | 3473 | 2795 | 1440 | 1431 | 1436 | P | 0° | 39.80 | |
| 3 | 241.8 | 12.4 | 3509 | 2824 | 1425 | 1416 | 1421 | P | 0° | 32.99 | |
| 4 | 242.0 | 12.4 | 3515 | 2828 | 1422 | 1414 | 1418 | P | 30° | | |
| 5 | 241.4 | 12.4 | 3519 | 2831 | 1421 | 1413 | 1417 | P | 45° | | |
| 6 | 239.7 | 12.4 | 3469 | 2792 | 1441 | 1433 | 1437 | P | 0° | | |

REMARKS:
 P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit
 Projectile Yaw Check: <5° for all velocity shots

TEST RESULTS:
 Test sample satisfied the ballistic requirements given.
FOOTNOTES:
 Sample was not subjected to Armor Submersion.

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BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
 OBL ID#: 36106
 Date Rcv'd: 7/20/2023
 Test Date: 8/2/2023
 Purchase Order:

| TEST SAMPLE | |
|-----------------|----------------------------|
| Sample No.: | HG2-2.20 |
| Model No.: | N/A |
| Lot No.: | N/A |
| Plies: | N/A |
| Description: | Level HG2 Soft Armor Panel |
| Size: | C5 |
| Weight (lb.): | 4.70 |
| Thickness: | |
| Avg. Thk. (in): | |

| RANGE SET-UP | | | | | | | | | |
|----------------------------|---|----------------|---------------|------------------|-------|-------|-------|-------|-------|
| Range to Target: | 15 ft. | Range #: | 3 | Pre Test: | | | | | |
| Screen Dist. Vel. 1 (ft.): | 5 | Temperature: | 68.5 °F | Clay Drops (mm): | 19.92 | 18.45 | 19.14 | 20.11 | 20.15 |
| Screen Dist. Vel. 2 (ft.): | 4 | Bar. Pressure: | 29.87 in. Hg | Drop Avg (mm): | 19.55 | | | | |
| Screen 4 to target (ft): | N/A | Rel. Humidity: | 47.0 % | Clay Temp °F: | 98.4 | | | | |
| Primary Vel. Location: | 8.25 ft. from target | Sample Temp. | Amb. °F | Clay Box #: | 6 | | | | |
| Striking Velocity: | No | Recorder: | Jerhemi Stone | Post Test: | | | | | |
| Target to Witness: | N/A | Gunner: | Chris Moe | Clay Drops (mm): | 19.18 | 19.01 | 21.73 | 20.38 | 17.81 |
| Witness Panel: | N/A | | | Drop Avg (mm): | 19.62 | | | | |
| Backing Material: | 5.5" clay block w/ 3/4" plywood backing | | | Clay Temp °F: | 94.4 | | | | |
| Obliquity: | 0 Degrees | | | | | | | | |
| Barrel: | .44 Mag/1:20/8" | | | | | | | | |

| AMMUNITION | |
|-------------|-------------------------------|
| Projectile: | .44 Mag 240gr. SJHP Lot #4453 |
| Powder: | Accurate No. 2 |

| STANDARDS / PROCEDURES | |
|--|--------------------------------------|
| NIJ-STD-0101.07 (draft) HG2 (abbrev) (mod) | Required Velocity: 1430 fps ± 30 fps |

| SHOT NO. | PROJECTILE WT. (gr.) | POWDER WT. (gr.) | TIME 1 μs (10 ⁻⁶) | TIME 2 μs (10 ⁻⁶) | VELOCITY 1 ft/s | VELOCITY 2 ft/s | AVERAGE VELOCITY | PENET. P/C | OBLIQUITY | CALIPER BFD | NOTES |
|----------|----------------------|------------------|-------------------------------|-------------------------------|-----------------|-----------------|------------------|------------|-----------|-------------|-------|
| 1 | 240.1 | 12.5 | 3499 | 2816 | 1429 | 1420 | 1425 | P | 0° | 36.41 | |
| 2 | 240.3 | 12.5 | 3492 | 2809 | 1432 | 1424 | 1428 | P | 0° | 35.75 | |
| 3 | 241.6 | 12.5 | 3549 | 2856 | 1409 | 1401 | 1405 | P | 0° | 36.31 | |
| 4 | 241.1 | 12.5 | 3489 | 2808 | 1433 | 1425 | 1429 | P | 30° | | |
| 5 | 239.8 | 12.5 | 3455 | 2781 | 1447 | 1438 | 1443 | P | 45° | | |
| 6 | 239.9 | 12.5 | 3460 | 2783 | 1445 | 1437 | 1441 | P | 0° | | |

REMARKS:
 P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit
 Projectile Yaw Check: <5° for all velocity shots

TEST RESULTS:
 Test sample satisfied the ballistic requirements given.
FOOTNOTES:
 Sample was not subjected to Armor Submersion.

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