



OREGON BALLISTIC LABORATORIES

BALLISTIC RESISTANCE TEST - V₀

Customer: BJTYZ
OBL ID#: 12575
Test Date: 5/9/2016
Purchase Order:

TEST SAMPLE

Sample No.: OR1620
Serial No.: N/A
Lot No.: N/A
Plies: N/A
Description: 32H+EVA / Back

Size: L
Weight (lb.): 2.44
Thickness: N/A
Avg. Thk. (in):

RANGE SET-UP

Range to Target: 16.5 ft.
Screen Dist. Vel. 1 (ft.): 5
Screen Dist. Vel. 2 (ft.): 5
Screen 4 to target (ft): N/A
Primary Vel. Location: 8.25 ft. from target
Striking Velocity: No
Target to Witness: N/A
Witness Panel: N/A
Backing Material: 5.5" clay block w/ 3/4" plywood backing
Obliquity: 0 Degrees
Barrel: .44 Mag/1:20/10"

Range #: 2
Temperature: 70.5 °F
Bar. Pressure: 30.20 in. Hg
Rel. Humidity: 43.4 %
Sample Temp. Amb. °F
Recorder: Joe Simon
Gunner: Grant Zitek

Pre Test:
Clay Drops (mm): 18.39 19.23 20.50 20.88 19.64
Drop Avg (mm): 19.73
Clay Temp °F: 94.2
Clay Box #: 3
Post Test:
Clay Drops (mm): 18.27 17.75 17.23 19.69 17.29
Drop Avg (mm): 18.05
Clay Temp °F: 92.1

AMMUNITION

Projectile: .44 Mag 240gr. SJHP Lot #4453

Powder: D032-03

STANDARDS / PROCEDURES

NIJ-STD-0101.06 Level IIIA (abbrev) (mod)

Required Velocity: 1430 fps ± 30 fps

SHOT NO.	PROJECTILE WT. (gr.)	POWDER WT. (gr.)	TIME 1 μ s (10 ⁻⁶)	TIME 2 μ s (10 ⁻⁶)	VELOCITY 1 ft/s	VELOCITY 2 ft/s	AVERAGE VELOCITY	PENET. P/C	OBLIQUITY	CALIPER BFD	NOTES
1	240.6	11.6	3435	3442	1456	1453	1455	P	0°	36.78	
2	240.1	11.6	3451	3458	1449	1446	1448	P	0°	40.98	
3	241.0	11.6	3430	3438	1458	1454	1456	P	0°	41.82	
4	240.5	11.6	3479	3479	1437	1437	1437	P	30°		
5	240.8	11.6	3469	3477	1441	1438	1440	P	45°		
6	240.7	11.6	3483	3490	1436	1433	1435	P	0°		

REMARKS:

P=Partial Penetration
C=Complete Penetration
UH=Unfair Hit

TEST RESULTS:

Test sample satisfied the ballistic requirements given.

FOOTNOTES:

Sample was not subjected to Armor Submersion per section 7.8.2