

PROTECTION GROUP

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Protection Group Danmark ApS
Job No.: 21051-001-1
Test Date: 8/24/2020

Test Panel

Description: Soft Armor.

Manufacturer: Protection Group Danmark ApS

Sample No.: Alpha-III A Goldshield (.44 Mag)

Size: C3
Avg. Thick: NA
Thickness: NA

Weight: 1.99 lbs
Plies/Laminates: NA

Date Received: 8/20/2020
Via: FedEx
Returned: NA

Setup

Shot Spacing: NIJ-STD-0101.04 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.167, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 16.400
Target to Witness (in): 0.000

Range No.: 3
Temp: 68.0 °F
BP: 29.8 inHg
RH: 50.6%
Barrel/Gun: Test Barrel
Gunner: Ramon Chavez
Recorder: Blake Ellis

Ammunition

Projectile

Lot No.

Powder

(1) .44-mag., 240-grain SJHP

Remington

Accurate No. 5

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 3:01 PM; Block No. 12; Temp: 96.8 °F; Drop Depths: 18.4mm, 19.8mm, 21.0mm, 20.1mm, 19.2mm

(1) NIJ-STD-0101.04 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	3468	1442	2999	1445	1443	None	36.0	0.0	
2	1	240.0	3458	1446	2992	1448	1447	None	36.5	0.0	
3	1	240.0	3461	1445	2992	1448	1446	None	NA	0.0	
4	1	240.0	3456	1447	2989	1450	1448	None	NA	30.0	
5	1	240.0	3465	1443	2997	1446	1444	None	NA	30.0	
6	1	240.0	3470	1441	3002	1443	1442	None	NA	0.0	

Remarks:

Required velocity: 1400 to 1460 ft/s

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Protection Group Danmark ApS
Job No.: 21051-001-2
Test Date: 8/27/2020

Test Panel Description: Soft Armor.

Manufacturer: Protection Group Danmark ApS

Sample No.: Alpha-III A Goldshield (9mm)

Size: C3
Avg. Thick: NA
Thickness: NA

Weight: 2.00 lbs
Plies/Laminates: NA

Date Received: 8/20/2020
Via: FedEx
Returned: NA

Setup

Shot Spacing: NIJ-STD-0101.04 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.167, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 16.400
Target to Witness (in): 0.000

Range No.: 5
Temp: 69.0 °F
BP: 29.7 inHg
RH: 42.5%
Barrel/Gun: Test Barrel
Gunner: Glenn Snyder
Recorder: J. Fulk

Ammunition

Projectile

Lot No.

Powder

(1) 9-mm, 124-grain FMJ

Remington 23558

Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 7:55 AM; Block No. 3; Temp: 97.4 °F; Drop Depths: 18.8mm, 17.9mm, 19.5mm, 20.4mm, 18.8mm

(1) NIJ-STD-0101.04 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)	Striking Vel. (ft/s)	Penetration	Def. (mm)	Obliq. (°)	Footnotes
1	1	124.0	3443	1452	2977	1456	1454	1454	None	28.6	0.0	
2	1	124.0	3431	1457	2970	1459	1458	1458	None	28.9	0.0	
3	1	124.0	3456	1447	2992	1448	1448	1448	None	NA	0.0	
4	1	124.0	3492	1432	3024	1433	1432	1432	None	NA	30.0	
5	1	124.0	3492	1432	3021	1434	1433	1433	None	NA	30.0	
6	1	124.0	3434	1456	2972	1458	1457	1457	None	NA	0.0	

Remarks:

Required velocity: 1400 to 1460 ft/s

Footnotes: