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1 June 2012
(HPWLI 12180-01)

Shenzhen Guodun Armor Technology Co, Ltd.
Add.: C6-1502C, Xixiang Hengfeng Industrial Zone
Baoan District
Shenzhen, 518126
G.D. China

In accordance with your instructions, H.P. White Laboratory, Inc. conducted Ballistic Resistance/BFD Testing of three (3) proprietary armor samples (see data sheets for model #) received 24 May 2012 via DHL.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0101.06, Level IIIA, using caliber .44 Magnum, 240 grain, SJHP ammunition. The test samples were fixtured on an indoor range 17.3 feet from the muzzle of a test barrel to produce zero, thirty, and forty-five degree obliquity impacts. Velocity screens were positioned at 6.5 and 11.5 feet which, in conjunction with clapsed time counters (chronographs), were used to compute projectile velocities 9.0 feet forward of the muzzle. Table I presents a summary of the enclosed data records.

This report is based on data obtained from having tested only the samples submitted, and should NOT be interpreted as an endorsement by H.P. White Laboratory, Inc. of the continuing quality, or performance, of any other items of the same, or similar, design.

The test samples will be returned via DHL. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Very truly yours,

H.P. White Laboratory, Inc.

Shawn Krout

SK/sh
Enclosures



H.P. White Laboratory, Inc.
BALLISTIC RESISTANCE TEST

Client : SHENZHEN GUODUN ARMOR TECH CO. LTD

Job No. : 12180-01

Test Date : 6/1/12

TEST PANEL

Manufacturer : SHENZHEN GUODUN ARMOR

Size : M

Thicknesses : NA

Avg. Thick. : NA

Description : PROPRIETARY.

MODEL# GD102/T; SERIAL# GD1205180008

Sample No. : HPW-2

Weight : 2.28 lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 5/24/12

Via : DHL

Returned : DHL

SET-UP

Shot Spacing : PER-NIJ-STD-0101.06 LEVEL IIIA

Witness Panel : CLAY

Obliquity : 0, 30 & 45 deg.

Backing Material : 5.5" CLAY/PLYWOOD

Conditioning : AMBIENT

Primary Vel. Screens : 6.5 ft., 11.5 ft.

Primary Vel. Location : 9.0 ft. From Muzzle

Residual Vel. Screens : NA

Residual Vel. Location : NA

Range to Target : 17.3 ft.

Target to Wit. : 0.0 in.

Range No. : 1

Temp. : 67 F

BP : 30.03 in. Hg

RH : 48%

Barrel No./Gun : 44MAG R/1

Gunner : GOMEZ

Recorder : ADAMS

AMMUNITION

(1) : .44MAG SJHP, 240 gr.

(2) :

(3) :

(4) :

Lot No. : SPEER EZIR

Lot No. :

Lot No. :

Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : PER-NIJ-STD-0101.06 LEVEL IIIA (MODIFIED)

(2) : PRE-TEST CLAY DROPS: 22mm, 20mm, 18mm, 20mm 19mm

(3) : PRE-TEST CLAY TEMP: 97.6

Shot No.	Ammo.	Time 1 (usec)	Velocity 1 (ft/s)	Time 2 (usec)	Velocity 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Footnotes
1	1	3571	1400	3571	1400	1400	None	DEF, 37mm
2	1	3477	1438	3482	1436	1437	None	DEF, 42mm
3	1	3437	1455	3447	1451	1453	None	DEF, 40mm
4	1	3437	1455	3446	1451	1453	None	(b)
5	1	3405	1468	3405	1468	1468	None	(a)
6	1	3464	1443	3464	1443	1443	None	

REMARKS :

FOOTNOTES :

(a) SHOT IMPACTED ON A 30 DEGREE ANGLE.

(b) SHOT IMPACTED ON A 45 DEGREE ANGLE.