

## H.P. WHITE LABORATORY, INC.

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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/K; SERIAL# GD1205180007

Sample No. : HPW-1  
 Weight : 2.89 lbs.  
 Hardness : NA  
 Piles/Laminates : NA

Date Rec'd. : 6/24/12  
 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: 20mm, 20mm, 19mm, 19mm 20mm
- (3) : PRE-TEST CLAY TEMP: 98.4 F

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	3553	1407	3553	1407	1407	None	DEF. 30mm
2	1	3518	1421	3523	1419	1420	None	DEF. 39mm
3	1	3536	1414	3536	1414	1414	None	DEF. 38mm
4	1	3558	1405	3564	1403	1404	None	(a)
5	1	3500	1429	3500	1429	1429	None	(b)
6	1	3432	1457	3432	1457	1457	None	

<b>REMARKS :</b>	<b>FOOTNOTES :</b> (a) SHOT IMPACTED ON A 30 DEGREE ANGLE. (b) SHOT IMPACTED ON A 45 DEGREE ANGLE.
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