

# H.P. WHITE LABORATORY, INC.

3114 Scarboro Road  
Street, Maryland 21154-1822  
Telephone: (410) 838-6550  
Facsimile: (410) 838-2802  
email: info@hpwhite.com  
www.hpwhite.com



2 August 2006  
(HPWLI 10145-03B)

Lam Enterprise Co.  
2-3-3 Horidome-Cho #904 Nihonbashi Chuo-ku  
Tokyo Japan 103-0012

Gentlemen:

H.P. White Laboratory, Inc. conducted ballistic resistance testing of two soft armor samples (see enclosed data records for construction description) received 9 June 2006 via DHL.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0101.04, using caliber .44 Magnum, 240 grain, SJHP ammunition and caliber 9mm Luger, 124 grain, FMJ ammunition. The test samples were mounted on an indoor range 16.4 feet from the muzzle of a test barrel to produce zero and thirty degree obliquity impacts. Velocity screens were positioned at 6.5 and 11.5 feet which, in conjunction with elapsed time counters (chronographs), were used to compute projectile velocities 9.0 feet from the muzzle. Table I is a summary of the enclosed data records.

TABLE I. SUMMARY OF RESULTS

Test Sample			Ballistic Threat				Results		
Number	Weight (lb)	Plies	Obliquity (degrees)	Caliber	Shots	Velocity (fps)		Penetrations	Deformation (mm) (a)
						Max.	Min.		
L12003	1.98	22	0	.44 Magnum	4	1459	1418	0	40/31
			30		2	1433	1422	0	NA
M	1.74	22	0	9mm Luger	4	1439	1407	0	25/23
			30		2	1457	1436	0	NA

(a) Deformation of 5.5 inch clay backing.

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 panels are being returned via Federal Express. 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

Craig B. Dunn

CBD/hc  
Enclosures