

## Ballistic Resistance Test Report

ABL Reference No/File Name:

ABL Job Card Number:  ABL Test Report Number:

Test Date:  Tested By:

### Test Requirements

Test Specification:

Test Level: Circle        desired Level

Notes:

1. Front and Back Panel tested in a **DRY** Condition
2. Testing conducted on manufacturer's designated **STRIKE FACE**

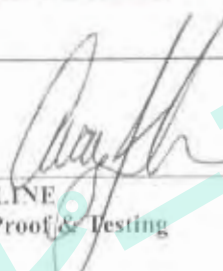
### Client Information


Client Name:

Client Sample:

Sample Specification/Construction:

Front Panel	Back Panel, if same as Front Panel tick here <input type="checkbox"/>
<p>The test sample carries the following manufacturer information.</p> <p>Size: Medium FRONT                      Date of Issue: April 8<sup>th</sup>, 2005                      Serial No: Sample # 4                      Lot No: FP03                      Ballistic Material: Gold Flex                      Armour Type: III-A                      Armour Style: Concealable</p>	<p>The test sample carries the following manufacturer information.</p> <p>Size: Medium BACK                      Date of Issue: April 8<sup>th</sup>, 2005                      Serial No: Sample # 4                      Lot No: FP03                      Ballistic Material: Gold Flex                      Armour Type: III-A                      Armour Style: Concealable</p>

  
 CRAIG J LINE  
 Manager Proof & Testing

  
 RON BRUCE  
 Authorised NATA Signatory  
 Manager Laboratory Services

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# Ballistic Resistance Test Report

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ABL Reference No/File Name:

Fortress Pacific Corporation

ABL Job Card Number:

JC - 609

ABL Test Report Number:

RB - 505

Test Date:

Friday 27th May, 2005

Tested By:

CRAIG J LINE

If testing performed in a dry condition only, please skip to section Drop Test Results and tick here

## Spray Calibration for Wet Conditioning

Calibration Date:

N/A

Gauge Location	15 minute intervals and corresponding water levels:											
1	N/A											
2	N/A											
3	N/A											
4	N/A											
5	N/A											
Average Level	N/A											
Pass if $1 \pm 0.2$ inches (Circle)	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
	N/A	N/A										

Water Temperature: N/A (10°C to 21°C acceptable)

Gauge locations as per specs

Flow Rate: N/A (100mm/h = 2mm/h)

Spray enclosure  $\geq 762 \times 762$ mm

## Drop Test Results

All criteria from NIJ Standard 0101.04 section 5.7.5 and 5.7.6 are met (circle)

Yes  No

Pre- Test	Drop 1	Drop 2	Drop 3	Drop 4	Drop 5	Average (mm)
Indentation (mm)	17	18	18	18	16	17.4mm

Average drop test results are within  $20 \pm 3$ mm (circle)

Yes  No

Post- Test	Drop 1	Drop 2	Drop 3	Drop 4	Drop 5	Average (mm)
Indentation (mm)	18	18	17	17	16	17.2mm

Average drop test results are within  $20 \pm 3$ mm (circle)

Yes  No

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Test Date:

Friday 27<sup>th</sup> May, 2005

Tested By:

CRAIG J LINE

## Ballistic Data

Caliber: 44 MAGNUM	Projectile Type: SJHP
Projectile Weight: 240 grains or 15.6 grams	Testing Apparatus: EMCRG
Barrel Length (mm): 203mm	Muzzle Distance to Strike Face (m): 5 metres
Reference Velocity (m/s): 436m/s +/- 9.1 m/s	Hand load Average Velocity (m/s): 438m/s
Room Temperature (°C): 23°C	Relative Humidity (%): 55%

## Penetration & Back Face Signature Firing Data

Armour Conditioning (circle):

Wet  Dry

Sample Type (circle):

Front Panel  Back Panel

Shot No.	Sample Number 4 FRONT PANEL						Remarks
	Velocity (m/s)	Velocity (ft/s)	Fair (Y/N)	Penetrate (Y/N)	BFS (mm)	Angle of Incidence	
1	440	1443	YES	NO	41mm	0	
2	446	1463	YES	NO	38mm	0	
3	449	1473	YES	NO	36mm	0	
4	453	1486	YES	NO	27mm	30	
5	450	1476	YES	NO	28mm	30	
6	439	1440	YES	NO	35mm	0	
7							
8							

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## Ballistic Data

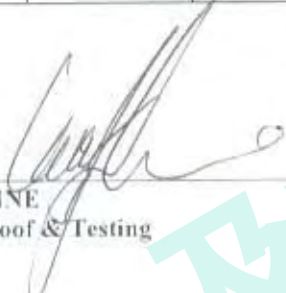
Caliber: 9mm x 19mm	Projectile Type: FMJ
Projectile Weight: 124 grains or 8.0 grams	Testing Apparatus: EMCRG
Barrel Length (mm): 100mm	Muzzle Distance to Strike Face (m): 5 metres
Reference Velocity (m/s): 436m/s +/- 9.1 m/s	Hand load Average Velocity (m/s): 440m/s
Room Temperature (°C): 23°C	Relative Humidity (%): 55%

## Penetration & Back Face Signature Firing Data

Armour Conditioning (circle):  Wet  Dry

Sample Type (circle):  Front Panel  Back Panel

Shot No.	Sample Number 4   BACK PANEL				BFS (mm)	Angle of Incidence	Remarks
	Velocity (m/s)	Velocity (ft/s)	Fair (Y/N)	Penetrate (Y/N)			
1	451	1480	YES	NO	34mm	0	
2	445	1460	YES	NO	27mm	0	
3	456	1496	YES	NO	27mm	0	
4	446	1463	YES	NO	21mm	30	
5	449	1473	YES	NO	22mm	30	
6	453	1486	YES	NO	26mm	0	
7							
8							

  
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The panel used (circle):

Front Panel  Back Panel

Room Temperature (°C): N/A

Relative Humidity (%): N/A

NIJ Reference Velocity: N/A m/s or N/A ft/s

NIJ Calculated Start Velocity: N/A m/s or N/A ft/s

Provided Start Velocity: N/A m/s or N/A ft/s

Armour Conditioning (circle):

Wet  Dry

## V50 Ballistic Limit Data

Sample Number   4   BACK PANEL				
Shot Number	Velocity (m/s)	Velocity (ft/s)	Penetration (Partial or Complete)	Remarks
1				V50 BALLISTIC LIMIT TESTING NOT CONDUCTED ON THESE SAMPLES
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
Average				

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