National Institute of Justice (NIJ)

Approved Test Laboratory

For Personal Body Armor

Expiration Date:

April 30, 2020

Date Received: 12/10/2018 UPS Via: Returned Via: UPS

Test Conditions

Temperature:	21.1	°C
Humidity:	37	%
Clay Block No.:	7	
Clay Temp.:	37.9	°C
Drop Average:	18.09	mm
Test Standard:	Modified / Abb	reviated NIJ 0101.06, July 2008
Threat Level:	IIIA	
Condition:	New / Dry	

Phone (316) 832-1600 Fax (316) 832-1602	
Email ustl@nts.com	NVLAP LAB CODE: 200818-0
www.nts.com/locations/wichita	Approved Signatory: Jake Crawford
FLEXIBLE ARMOR:	
P-BFS TEST	Record No.: JGW18002-12
	Test Date: 16/10/2018
	Customer: Jiangxi Great Wall Protect
	Equipment Industry Co., Ltd
	Range 2
	Muzzle to Screen 1: 1.74 m
	Screen 1 - 4: 1.52 m
	Screen 4 - Target: 1.74 m
	Midpoint to Target: 2.50 m
	Target to Witness: 0 cm
NIJ 0101.06, July 2008	Barrel Length: 25.40 cm

5.5 in.

Samp	le Tested Description		S	hot / Proj	ectile Descr	ription	Chron	ograph	Test Results
Manufacturer:	Jiangxi Great Wall Protect	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCITY	Perforation
	Equipment Industry Co., Ltd	No.	Location	Obliquity		Weight (gr.) / Type	sx-5	m/s	BFS (mm)
Model No.:	N/A	1	1	0°	9mm	124 / FMJ	355.7	428.5	30.25
Sample No.:	7#	2	2	0°	9mm	124 / FMJ	351.2	433.9	29.84
Lot No.:	N/A	3	3	0°	9mm	124 / FMJ	354.4	430.0	30.03
Male / Female:	Male	4	4	30°	9mm	124 / FMJ	350.7	434.6	No Perforation
Front / Back:	N/A	5	5	45°	9mm	124 / FMJ	351.5	433.6	No Perforation
Size:	40cm x 40cm	6	6	0°	9mm	124 / FMJ	341.8	445.9	No Perforation
Style:	N/A								
DoM:	N/A								
Weight (kg):	0.60								
Threat Level:	(NIJ 0101.06): IIIA								
1	```								

National Technical Systems

7447 W. 33rd St. N.

Wichita, KS 67205 U.S.A.

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Test Remarks/Notes:

•Panel tested in cover only, no outer carrier provided

Test Round Description: Remington 9mm, 124 gr. (8.0g) FMJ RN (23558)

435.9 +/- 9.1 m/s (1430 +/- 30 ft/s) Test Velocity:

Sample Description:

Customer Proprietary

OFFICIAL NTS TEST CER	RTIFICATE
NTS Mat	1 Jul
Matt Lutz	ST.COM

Division Manager

Project Manager: Nguyen Range Tech(s): Zerger

Clay Block:

National Institute of Justice (NIJ)

Approved Test Laboratory

For Personal Body Armor

Expiration Date:

April 30, 2020

Date Received: 12/10/2018 UPS Via: Returned Via: UPS

Test Conditions

Temperature:	21.1	°C
Humidity:	37	%
Clay Block No.:	7	
Clay Temp.:	38.3	°C
Drop Average:	18.38	mm
Test Standard:	Modified / Abb	reviated NIJ 0101.06, July 2008
Threat Level:	IIIA	
Condition:	New / Dry	

)2			E: 200818-0
	Approv	ed Signatory:	Jake Crawford
	Record No.: Test Date: Customer:		-10 at Wall Protect ndustry Co., Ltd
	Range 2		
	Muzzle to S	creen 1:	1.74 m
	Screen 1 - 4	4:	1.52 m
	Screen 4 - 7	Farget:	1.74 m
	Midpoint to Target:		2.50 m
	Target to W	itness:	0 cm
	Barrel Lengt	th:	25.40 cm

5.5 in.

Clay Block:

Samp	le Tested Description		S	Shot / Pro	jectile Descri	ption	Chron	ograph	Test Results
Manufacturer:	Jiangxi Great Wall Protect	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCITY	Perforation
	Equipment Industry Co., Ltd	No.	Location	Obliquity		Weight (gr.) / Type	sx-5	m/s	BFS (mm)
Model No.:	N/A	1	1	0°	.44 Mag.	240 / JHP	348.4	437.4	35.43
Sample No.:	6#	2	2	0°	.44 Mag.	240 / JHP	348.5	437.3	34.90
Lot No.:	N/A	3	3	0°	.44 Mag.	240 / JHP	345.0	441.7	34.82
Male / Female:	Male	4	4	30°	.44 Mag.	240 / JHP	349.2	436.4	No Perforation
Front / Back:	N/A	5	5	45°	.44 Mag.	240 / JHP	347.4	438.7	No Perforation
Size:	40cm x 40cm	6	6	0°	.44 Mag.	240 / JHP	347.0	439.2	No Perforation
Style:	N/A								
DoM:	N/A								
Weight (kg):	0.86								
Threat Level:	(NIJ 0101.06): IIIA								

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Test Remarks/Notes:

•Panel tested in cover only, no outer carrier provided

Test Round Description:

Speer .44 Magnum, 240 gr. (15.55g) JHP (4453 or 4736) 435.9 +/- 9.1 m/s (1430 +/- 30 ft/s) Test Velocity:

Sample Description:

Customer Proprietary

OFFICIAL NT	S TEST CE	RTIFICATE
🎇 NTS		r filf
	Matt Lutz	and the second s

Project Manager: Nguyen Range Tech(s): Zerger

National Technical Systems

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www.nts.com/locations/wichita FLEXIBLE ARMOR:

P-BFS TEST

Division Manager

National Institute	
of Justice (NIJ)	

Approved Test Laboratory

For Personal Body Armor

Expiration Date:

April 30, 2018

National Technical Systems

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Wichita, KS 67205 U.S.A. Phone (316) 832-1600 Fax (316) 832-1602 Email ustl@nts.com

www.nts.com/locations/wichita FLEXIBLE ARMOR:

P-BFS TEST



Date Received:	02/08/18
Via:	UPS
Returned Via:	UPS

Test Conditions

Temperature:	70	°F
Humidity:	34	%
Clay Block No .:	8	
Clay Temp.:	99.0	°F
Drop Average:	20.53	mm
Test Standard:	Modified / Abb	reviated NIJ 0101.06, July 2008
Threat Level:	IIIA	
Condition:	New / Dry	

Record No.:	: JGW18001-1
Test Date:	02/09/18
Customer:	Jiangxi Great Wall Protect
	Equipment Industry Co., Ltd

Range 2	
Muzzle to Screen 1:	5.70 ft.
Screen 1 - 4:	5.00 ft.
Screen 4 - Target:	5.70 ft.
Midpoint to Target:	8.20 ft.
Target to Witness:	0 in.
Barrel Length:	8 in.
Clay Block:	5.5 in.

Sample Tested Description			Shot / Projectile Description					ograph	Test Results
Manufacturer:	Jiangxi Great Wall Protect	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCIT	Perforation
	Equipment Industry Co., Ltd	No.	Location	Obliquity		Weight (gr.) / Type	sx-5	Y	BFS (mm)
Model No.:	The Bulletproof Panel							ft/s	
Sample No.:	1	1	1	0°	.44 Mag.	240 / JHP	343.5	1456	37.57
Male / Female:	Male	2	2	0°	.44 Mag.	240 / JHP	343.2	1457	39.70
Front / Back:	Front	3	3	0°	.44 Mag.	240 / JHP	351.6	1422	34.61
Production Date:	2018-02	4	4	30°	.44 Mag.	240 / JHP	348.6	1434	No Perforation
Size:	N/A	5	5	45°	.44 Mag.	240 / JHP	349.8	1429	No Perforation
Weight (kg):	0.85	6	6	0°	.44 Mag.	240 / JHP	347.2	1440	No Perforation
Threat Level:	(NIJ 0101.04): IIIA								
		Test F	Round De	scription	:				

Speer .44 Magnum, 240 gr. (15.55g) JHP (4453 or 4736) Test Velocity: 1430 +/- 30 ft/s

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Test Remarks/Notes:

·Panel tested in cover only, no outer carrier provided

Shot Spacing / Shot Location Requirements:

 Shot-to-Edge:
 3.0" - 3.75" (Threat 2)

 Shot-to-Shot:
 2.0" Minimum

 BFS Requirement:
 BFS ≤ 44.0mm (Shot No. 1 - 3)

**Shot locations are described from shooter's perspective

Shot Locations / Test Results:-

- Shot No. 1: Top Center: 3.50" from top edge and centered on panel
- Shot No. 2: Bottom Left: 3.50" from left and bottomedges
- Shot No. 3: Bottom Right: 3.50" from right and bottom edges
- Shots 4 6: Shots 4-6 impacted within a 100mm (3.94") diameter circle at approximnate center of panel; Shots 4-5 angled inward towards centerline

Sample Description:

Customer Proprietary



What ,

National Institute	
of Justice (NIJ)	

Approved Test Laboratory For Personal Body Armor

Expiration Date:

April	30,	2018	

National Technical Systems

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Wichita, KS 67205 U.S.A. Phone (316) 832-1600 Fax (316) 832-1602 Email ustl@nts.com

www.nts.com/locations/wichita FLEXIBLE ARMOR:

P-BFS TEST



Date Received:	02/08/18
Date Received.	02/06/16
Via:	UPS
Returned Via:	UPS

Test Conditions

Temperature:	70	°F
Humidity:	34	%
Clay Block No.:	8	
Clay Temp.:	98.8	°F
Drop Average:	20.44	mm
Test Standard:	Modified / Abb	previated NIJ 0101.06, July 2008
Threat Level:	IIIA	
Condition:	New / Dry	

Record No.: JGW18001-2							
Test Date: 02/09/18							
Customer:	Jiangxi Great Wall Protect Equipment Industry Co., Ltd						

Range 2	
Muzzle to Screen 1:	5.70 ft.
Screen 1 - 4:	5.00 ft.
Screen 4 - Target:	5.70 ft.
Midpoint to Target:	8.20 ft.
Target to Witness:	0 in.
Barrel Length:	8 in.
Clay Block:	5.5 in.

Sample	e Tested Description		SI	not / Proje	ctile Des	cription	Chron	ograph	Test Results
Manufacturer:	Jiangxi Great Wall Protect	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCIT	Perforation
	Equipment Industry Co., Ltd	No.	Location	Obliquity		Weight (gr.) / Type	sx-5	Y	BFS (mm)
Model No.:	The Bulletproof Panel							ft/s	
Sample No.:	2	1	1	0°	.44 Mag.	240 / JHP	349.0	1433	37.62
Male / Female:	Male	2	2	0°	.44 Mag.	240 / JHP	344.6	1451	37.64
Front / Back:	Back	3	3	0°	.44 Mag.	240 / JHP	344.2	1453	37.65
Production Date:	2018-02	4	4	45°	.44 Mag.	240 / JHP	349.5	1431	No Perforation
Size:	N/A	5	5	30°	.44 Mag.	240 / JHP	346.7	1442	No Perforation
Weight (kg):	0.68	6	6	0°	.44 Mag.	240 / JHP	352.3	1419	No Perforation
Threat Level:	(NIJ 0101.04): IIIA								
		Test F	Round De	escription	:				

Speer .44 Magnum, 240 gr. (15.55g) JHP (4453 or 4736) Test Velocity: 1430 +/- 30 ft/s

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Test Remarks/Notes:

·Panel tested in cover only, no outer carrier provided

Shot Spacing / Shot Location Requirements:

 Shot-to-Edge:
 3.0" - 3.75" (Threat 2)

 Shot-to-Shot:
 2.0" Minimum

 BFS Requirement:
 BFS ≤ 44.0mm (Shot No. 1 - 3)

**Shot locations are described from shooter's perspective

Shot Locations / Test Results:

- Shot No. 1: Top Center: 3.50" from top edge and centered on panel
- Shot No. 2: Bottom Left: 3.50" from left and bottomedges
- Shot No. 3: Bottom Right: 3.50" from right and bottom edges
- Shots 4 6: Shots 4-6 impacted within a 100mm (3.94") diameter circle at approximnate center of panel; Shots 4-5 angled inward towards centerline

Sample Description:

Customer Proprietary



What ,

National Institute <u>of Justic</u>e (NI<u>J</u>)

Approved Test Laboratory For Personal Body Armor

Expiration Date:

April 30, 2018

Date Received:08/08/17Via:UPSReturned Via:UPS

Test Conditions

Temperature:	72	°F
Humidity:	45	%
Clay Block No.:	16	
Clay Temp.:	99.3	°F
Drop Average:	20.81	mm
Test Standard:	Modified / Abb	reviated NIJ 0101.06, July 2008
Threat Level:	IIIA	
Condition:	New / Dry	

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> FLEXIBLE ARMOR: P-BFS TEST



Record No.: JGW17001-1 Test Date: 08/10/17 Customer: Jiangxi Great Wall Protect, Ltd.

Range 3	
Muzzle to Screen 1:	5.70 ft.
Screen 1 - 4:	5.00 ft.
Screen 4 - Target:	5.70 ft.
Midpoint to Target:	8.20 ft.
Target to Witness:	0 in.
Barrel Length:	8 in.
Clay Block:	5.5 in.

Sample Tested Description			S	Shot / Pro	jectile Descri	Chronograph		Test Results	
Manufacturer:	Jiangxi Great Wall Protect, Ltd.	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCITY	Perforation
Model No.:	N/A	No.	Location	Obliquity		Weight (gr.) / Type	sx-5	ft/s	BFS (mm)
Serial No.:	N/A	1	1	0°	.44 Mag.	240 / JHP	347.2	1440	35.42
Lot No.:	N/A	2	2	0°	.44 Mag.	240 / JHP	346.2	1444	38.81
Male / Female:	Male	3	3	0°	.44 Mag.	240 / JHP	348.2	1436	40.15
Front / Back:	N/A	4	4	30°	.44 Mag.	240 / JHP	349.5	1431	No Perforation
Size:	Medium	5	5	45°	.44 Mag.	240 / JHP	350.0	1429	No Perforation
Style:	Side Opening	6	6	0°	.44 Mag.	240 / JHP	342.9	1458	No Perforation
Weight (lbs.):	2.02				-				
Threat Level:	(NIJ 0101.06): IIIA								
No. of Plies:	N/A								
This test report	t may not be used to claim prod	uction	rtificatio		val or ondors	comont by NV/LAP	NIST NILO	r 2014 200004	of the
Federal Govern	This test report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, NIJ or any agency of the Federal Government. This report contains data that are not covered by the NVLAP accreditation. This test was performed in accordance with the specification requirements listed in addition to any customer testing modifications or requests. The test results								

accordance with the specification requirements listed in addition to any customer testing modifications or requests. The test results properly reflect the ballistic performance of the listed sample. This test report shall not be reproduced except in full without written approval of National Technical Systems.

Test Remarks/Notes:

·Panel tested in cover only, no outer carrier provided

Test Round Description:

Speer .44 Magnum, 240 gr. (15.55g) JHP (4453 or 4736) Test Velocity: 1430 +/- 30 ft/s

Sample Description: •Customer Proprietary	OFFICIAL NTS TEST CERTIFICATE
	NTS MAN for
Project Manager: Wilson Range Tech(s): Nold	Matt Lutz Division Manager

National Institute <u>of Justic</u>e (NI<u>J</u>)

Approved Test Laboratory For Personal Body Armor

Expiration Date:

April 30, 2018

Date Received:08/08/17Via:UPSReturned Via:UPS

Test Conditions

Temperature:	72	°F
Humidity:	45	%
Clay Block No.:	16	
Clay Temp.:	98.2	°F
Drop Average:	20.47	mm
Test Standard:	Modified / Abb	reviated NIJ 0101.06, July 2008
Threat Level:	IIIA	
Condition:	New / Dry	

Sample Tested Description

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FLEXIBLE ARMOR: P-BFS TEST



Record No.: JGW17001-2 Test Date: 08/10/17 Customer: Jiangxi Great Wall Protect, Ltd.

Range 3	
Muzzle to Screen 1:	5.70 ft.
Screen 1 - 4:	5.00 ft.
Screen 4 - Target:	5.70 ft.
Midpoint to Target:	8.20 ft.
Target to Witness:	0 in.
Barrel Length:	8 in.
Clay Block:	5.5 in.

Chronograph

Test Results

Manufacturer:	Jiangxi Great Wall Protect, Ltd.	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCITY	Perforation
Model No.:	N/A	No.	Location	Obliquity		Weight (gr.) / Type	sx-5	ft/s	BFS (mm)
Serial No.:	N/A	1	1	0°	.44 Mag.	240 / JHP	348.1	1436	41.69
Lot No.:	N/A	2	2	0°	.44 Mag.	240 / JHP	350.5	1427	38.99
Male / Female:	Male	3	3	0°	.44 Mag.	240 / JHP	353.9	1413	35.87
Front / Back:	N/A	4	4	45°	.44 Mag.	240 / JHP	346.6	1443	No Perforation
Size:	Medium	5	5	30°	.44 Mag.	240 / JHP	349.6	1430	No Perforation
Style:	Side Opening	6	6	0°	.44 Mag.	240 / JHP	346.8	1442	No Perforation
Weight (lbs.):	2.06								
Threat Level:	(NIJ 0101.06): IIIA								
No. of Plies:	N/A								
This test report	may not be used to claim prod	uct ce	rtificatio	n, approv	val, or endors	ement by NVLAP,	NIST, NIJ o	r any agency	of the
Federal Govern	ment. This report contains dat	a that	are not o	covered l	by the NVLAF	Paccreditation. Th	is test was	performed in	
accordance wit	accordance with the specification requirements listed in addition to any customer testing modifications or requests. The test results								
properly reflect	the ballistic performance of the	e listeo	d sample	e. This te	st report sha	ll not be reproduc	ed except in	full without	vritten
approval of Nat	tional Technical Systems.		-			_	_		

Shot / Projectile Description

Test Remarks/Notes:

·Panel tested in cover only, no outer carrier provided

Test Round Description:

Speer .44 Magnum, 240 gr. (15.55g) JHP (4453 or 4736) Test Velocity: 1430 +/- 30 ft/s

Sample Description: •Customer Proprietary	OFFICIAL NTS TEST CERTIFICATE
	NTS MAI 14
Project Manager: Wilson	Matt Lutz
Range Tech(s): Nold	Division Manager

National Institute <u>of Justic</u>e (NI<u>J</u>)

Approved Test Laboratory For Personal Body Armor

Expiration Date:

April 30, 2018

Date Received: 08/08/17 Via: UPS Returned Via: UPS

Test Conditions

72	°F
45	%
16	
98.2	°F
20.26	mm
Modified / Abb	reviated NIJ 0101.06, July 2008
IIIA	
New / Dry	
	45 16 98.2 20.26 Modified / Abb IIIA

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> FLEXIBLE ARMOR: P-BFS TEST



Record No.: JGW17001-3 Test Date: 08/10/17 Customer: Jiangxi Great Wall Protect, Ltd.

Range 3	
Muzzle to Screen 1:	5.70 ft.
Screen 1 - 4:	5.00 ft.
Screen 4 - Target:	5.70 ft.
Midpoint to Target:	8.20 ft.
Target to Witness:	0 in.
Barrel Length:	8 in.
Clay Block:	5.5 in.

Samp	le Tested Description		S	hot / Proj	ectile Descri	ption	Chron	ograph	Test Results
Manufacturer:	Jiangxi Great Wall Protect, Ltd.	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCITY	Perforation
Model No.:	N/A	No.	Location	Obliquity		Weight (gr.) / Type	sx-5	ft/s	BFS (mm)
Serial No.:	N/A	1	1	0°	.357 Sig.	125 / TMJ	337.7	1481	32.62
Lot No.:	N/A	2	2	0°	.357 Sig.	125 / TMJ	343.4	1456	36.53
Male / Female:	Male	3	3	0°	.357 Sig.	125 / TMJ	334.5	1495	37.28
Front / Back:	N/A	4	4	45°	.357 Sig.	125 / TMJ	337.3	1482	No Perforation
Size:	Medium	5	5	30°	.357 Sig.	125 / TMJ	337.1	1483	No Perforation
Style:	Side Opening	6	6	0°	.357 Sig.	125 / TMJ	338.4	1478	No Perforation
Weight (lbs.):	2.03				-				
Threat Level:	(NIJ 0101.06): IIIA								
No. of Plies:	Ň/A								
This test report	may not be used to claim prod	uct ce	rtificatio	n. approv	al, or endors	ement by NVLAP.	NIST, NIJ O	r anv agency	of the

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Test Remarks/Notes:

·Panel tested in cover only, no outer carrier provided

Test Round Description:

 Speer .357 Sig, 125 gr. (8.1 g) TMJ (4362)

 Test Velocity:
 1470 +/- 30 ft/s

Sample Description: •Customer Proprietary	OFFICIAL NTS TEST CERTIFICATE				
	NTS MAD				
Project Manager: Wilson	Matt Lutz				
Range Tech(s): Nold	Division Manager				

National Institute of Justice (NIJ)

Approved Test Laboratory For Personal Body Armor

Expiration Date:

April 30, 2018

Date Received: 08/08/17 Via: UPS UPS Returned Via:

Test Conditions

Temperature:	72	°F
Humidity:	45	%
Clay Block No.:	16	
Clay Temp.:	97.5	°F
Drop Average:	19.78	mm
Test Standard:	Modified / Abb	reviated NIJ 0101.06, July 2008
Threat Level:	IIIA	
Condition:	New / Dry	

National Technical Systems

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FLEXIBLE ARMOR: P-BFS TEST



Record No.: JGW17001-4 Test Date: 08/10/17 Customer: Jiangxi Great Wall Protect, Ltd.

Range 3	
Muzzle to Screen 1:	5.70 ft.
Screen 1 - 4:	5.00 ft.
Screen 4 - Target:	5.70 ft.
Midpoint to Target:	8.20 ft.
Target to Witness:	0 in.
Barrel Length:	8 in.
Clay Block:	5.5 in.

Sample Tested Description			S	hot / Pro	jectile Descri	ption	Chronograph		Test Results
Manufacturer:	Jiangxi Great Wall Protect, Ltd.	Shot	Shot	Degree	Caliber	Bullet	TIME	VELOCITY	Perforation
Model No.:	N/A	No.	Location	Obliquity		Weight (gr.) / Type	sx-5	ft/s	BFS (mm)
Serial No.:	N/A	1	1	0°	.357 Sig.	125 / TMJ	339.1	1474	31.70
Lot No.:	N/A	2	2	0°	.357 Sig.	125 / TMJ	341.3	1465	35.90
Male / Female:	Male	3	3	0°	.357 Sig.	125 / TMJ	335.6	1490	33.20
Front / Back:	N/A	4	4	30°	.357 Sig.	125 / TMJ	339.2	1474	No Perforation
Size:	Medium	5	5	45°	.357 Sig.	125 / TMJ	340.1	1470	No Perforation
Style:	Side Opening	6	6	0°	.357 Sig.	125 / TMJ	338.0	1479	No Perforation
Weight (lbs.):	2.02				Ũ				
Threat Level:	(NIJ 0101.06): IIIA								
No. of Plies:	Ň/A								
This test report	This test report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, NIJ or any agency of the								
Federal Govern	Federal Government. This report contains data that are not covered by the NVLAP accreditation. This test was performed in								
accordance wit	th the specification requirement	ts liste	d in add	ition to a	ny customer a	testing modificatio	ons or reque	sts. The test	t results
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properly reflect the ballistic performance of the listed sample. This test report shall not be reproduced except in full without written approval of National Technical Systems.

Test Remarks/Notes:

·Panel tested in cover only, no outer carrier provided

Test Round Description:

Speer .357 Sig, 125 gr. (8.1 g) TMJ (4362) Test Velocity: 1470 +/- 30 ft/s

Sample Description: •Customer Proprietary	OFFICIAL NTS TEST CERTIFICATE
	NTS MAN
Project Manager: Wilson	Matt Lutz
Range Tech(s): Nold	Division Manager