

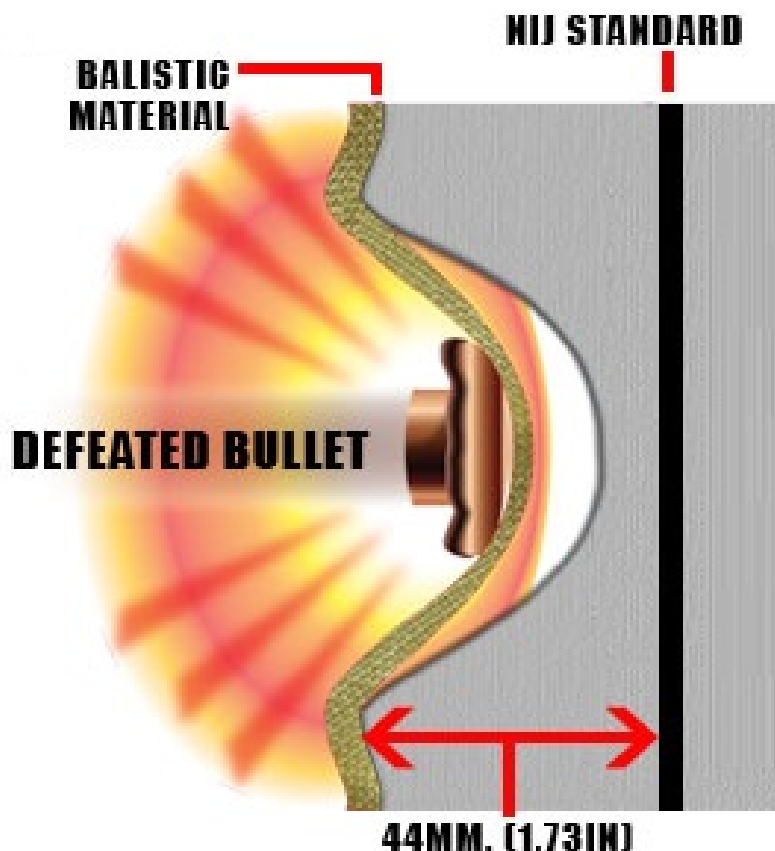


Testing results for NIJ III-A ballistic panels

Tested by: BOSIK technologies LTD - independent ballistics testing facility. Test results can be confirmed and verified by BOSIK Technologies Ltd. www.bosik.com

Testing date: September 6, 2013

Testing of: NIJ level III-A stab and bulletproof vest (SKU: POL-B-TP) The same soft plates used in each and every carrier designed and manufactured by Canarmor Inc. SKU number is only reference to carriers design, all plates are the same as in this page.



REPORT NUMBER: 2211189-001

Test Performed For:
 Canarmor Inc.
 10101 yonge St
 Unit 3
 Richmond Hill, Ontario
 Canada, L4C 1T7
 (P) (416) 244-2476
 (C) (905) 884-8338
 website: www.canarmor.ca



Test Performed By:
 Bosik Technologies Limited
 2495 Delzotto Avenue
 Ottawa, Ontario
 Canada, K1T 3V6
 (P) (613) 822-8898
 (F) (613) 822-3672
 email: ballistics@bosik.com
 website: www.bosik.com

TEST AND TEST MATERIAL IDENTIFICATION

Contract:	Contract Number	2211189	Purchase Order	N/A
Material Identification:	Panel Description	Front panel with carrier	Lot Number	Unknown
			Piece Number	N/A
			Panel Weight Dry (lbs.)	3.88
			Panel Weight Wet (lbs.)	4.00
			Measured Thickness	N/A
	Model Number	N/A	Date of Manufacture	August 1, 2013
	Serial Number	POL-B-TP	Date Tested	September 6, 2013
	Size	Medium		
Laboratory Conditions:	Temperature (°C)	20	Clay Calibration (mm)	18
	Relative Humidity (%)	45	Target Base Line (m)	V ₁ =1.66, V ₂ =1.16

Velocity Measurement Instrumentation: 3 Oehler Model 57 Infrared Photoelectric Screens with Oehler Chronograph Model 30 (V1) and Hewlett Packard Model 5315A (V2) Universal Counter reading the bullet time of flight on a 2 and 1 metre distance.

Firing Range: Distance between the front face of the Test material and the muzzle of the test barrel **5 Metres**

Test Barrel: **Calibre:** 9 mm **Length:** 28 inch **Twist rate:** 1-16 inch **Manufacturer:** Shilen Inc.

Loading Components:

Case	Winchester 9mm Luger + P	Primer	CCI BR-4
Powder	Hodgdon HS-6	Bullet Manufacturer	Remington

Test Specification: V_{proof} Ballistic Penetration and Backface Signature (P-BFS) Test in a wet condition in accordance with NIJ 0101.04 Level IIIA, with a maximum deformation depth of 44mm. Using 3 horizontally positioned Velcro elastic straps 2 inch wide to secure the Test Sample to the Clay Backing material, and 9mm, 124 grain FMJ RN bullets at a velocity range between 427m/s and 445m/s.

BALLISTIC RESULTS

Shot Number	Shot Load (grains)	Shot Angle (degrees)	Instrumentation Velocity (m/s) [(V ₁ +V ₂)/2]	Penetration: Partial or Complete	Deformation Depth (mm)	Fair or Unfair Impact	Shot Counted (m/s)
1	7.1	0	435	Partial	21	Fair	435
2	7.1	0	442	Partial	21	Fair	442
3	7.1	0	435	Partial	16	Fair	435
4	7.1	30	431	Partial	N/A	Fair	431
5	7.1	30	438	Partial	N/A	Fair	438
6	7.1	0	431	Partial	12	Fair	431
Average velocity:							435

Does this shoot pack meet or exceed the specified requirements? **Yes**

Test Performed By:
 Daniel Lavallee

Test Results Checked By:
 Hailom Gebremeskel, B.Eng.



2211129-001
N1507-3A
9MM 12454 FMT



3.81

2211189-002

V1504-3A

44 MAG 240 gr STHP

22 III 89-001
NITON-3A
9MM 124gr FMJ

V1504-3A

44 MAG 240 gr STAP

2 11189-002

504-3A

MAG 240 gr 5JAP



SIZE: M Small PDL-B-TP

DATE: Feb 8, 2011

N.I.J.: 111-A

WARNING

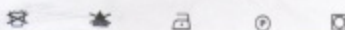
This armor insert is not to protect against rifle fire, AP ammunition, sharp edged or pointed instrument.

IMPORTANT

Do not use detergent, do not dry clean, do not attempt to remove armor from water resistant cover

CARE INSTRUCTIONS

Remove insert from this cover before washing. Close all touch and close fastened before washing





SIZE: M 54-56 165-170

DATE: 11-1-11

N.I.J.: 111-A

WARNING

This armor insert is not to protect against rifle fire,
AP ammunition, sharp edged or pointed instruments.

IMPORTANT

Refer to rec. detergent, do not dry clean, do not
move armor from water resistant cover.
CARE INSTRUCTIONS
Remove from this cover before washing.
Close and close before washing.





This armor insert is not to protect against
AP ammunition, sharp edged or pointed

IMPORTANT

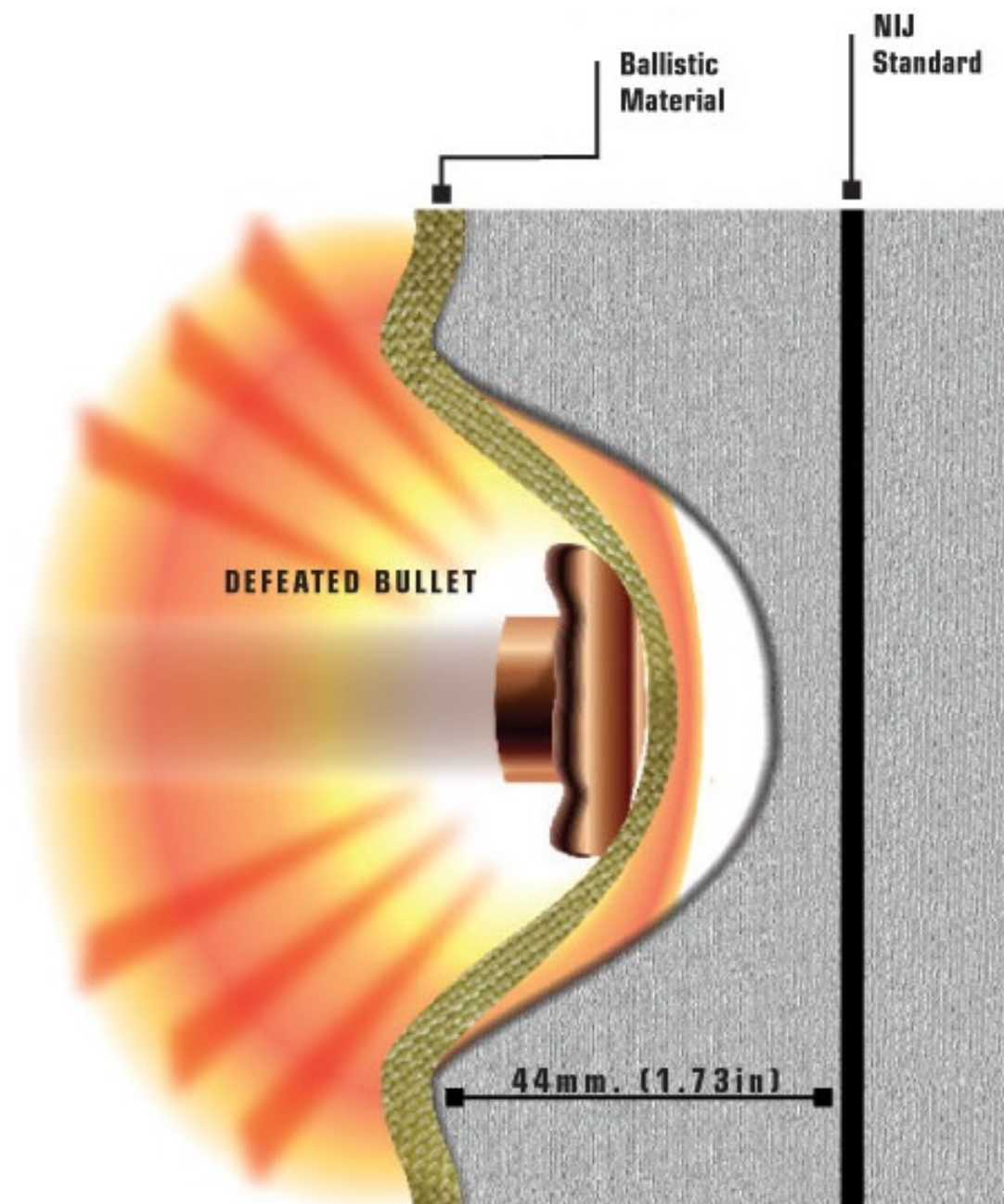
attempt to reinsert, do not dry clean
remove armor from vehicle

CARE INSTRUCTIONS

Remove insert from this vehicle
which and close before
fastened

Remove
Close







Testing results for NIJ III ballistic trauma panel

Tested by: BOSIK technologies LTD - independent ballistics testing facility. Test results can be confirmed and verified by BOSIK Technologies Ltd. www.bosik.com

Testing date: September 6, 2013

Testing of: NIJ level III ceramic trauma plate (SKU: TP-1012-CER)

REPORT NUMBER: 2211189-003

Test Performed For:
Canarmor Inc.
10101 yonge St
Unit 3
Richmond Hill, Ontario
Canada, L4C 1T7
(P) (416) 244-2476
(C) (905) 884-8338
website: www.canarmor.ca



Test Performed By:
Bosik Technologies Limited
2495 Delzotto Avenue
Ottawa, Ontario
Canada, K1T 3V6
(P) (613) 822-8898
(F) (613) 822-3672
email: ballistics@bosik.com
website: www.bosik.com

TEST AND TEST MATERIAL IDENTIFICATION

Contract: Contract Number 2211189

Purchase Order N/A

Material Identification: Panel Description
Front curved composite plate
Stand alone
Model Number N/A
Serial Number TP-1012-CER4
Size 10" x 12"

Lot Number Unknown
Piece Number N/A
Panel Weight Dry (lbs.) 6.22
Panel Weight Wet (lbs.) 6.28
Measured Thickness N/A
Date of Manufacture Unknown
Date Tested September 6, 2013

Laboratory Conditions: Temperature (°C) 20
Relative Humidity (%) 44

Clay Calibration (mm) 19
Target Base Line (m) $V_1=1.66, V_2=1.16$

Velocity Measurement Instrumentation: 3 Oehler Model 57 Infrared Photoelectric Screens with Oehler Chronograph Model 30 (V1) and Hewlett Packard Model 5315A (V2) Universal Counter reading the bullet time of flight on a 2 and 1 metre distance.

Firing Range: Distance between the front face of the Test material and the muzzle of the test barrel **5 Metres**

Test Barrel: Calibre: 300 Remington Ultra Mag Length: 32 inch Twist: 1-10 inch Manufacturer: Shilen Inc.

Loading Components: Case 300 Remington Ultra Mag
Powder IMR 4227

Primer CCI BR-2
Bullet Manufacturer N/A

Test Specification: V_{proof} Ballistic Penetration and Backface Signature (P-BFS) Test in a wet condition in accordance with NIJ 0101.04 Level IV "SPECIAL", with a maximum deformation depth of 44mm. Using 3 horizontally + 2 vertically positioned Velcro elastic straps 2 inch wide to secure the Test Sample to the Clay Backing material, and .30 calibre (M2 AP) 166 grain FMJ bullets at a velocity range between 869m/s and 887m/s.

BALLISTIC RESULTS

Shot Number	Shot Load (grains)	Shot Angle (degrees)	Instrumentation Velocity (m/s) $[(V_1+V_2)/2]$	Penetration: Partial or Complete	Deformation Depth (mm)	Fair or Unfair Impact	Shot Counted (m/s)
1	54.0	0	872	Partial	31	Fair	872
Average velocity:							872

Does this armour meet or exceed the specified requirements? **Yes**

Test Performed By:

Daniel Lavallee

Test Results Checked By:

Hailom Gebremeskel, B.Eng.

A black, bullet-resistant vest with a textured surface. The vest has a contoured shape with rounded shoulders and a slightly curved bottom. The words "STRIKE FACE" are printed in a bold, white, sans-serif font across the center of the chest. The vest is set against a plain, light-colored background.

STRIKE FACE

2211189.003

WITQY 7 76251M3AD

STRIKEFACE

6.22





A-4E2530SA
(NO C12270)
Alumina-PE GC
Weight 2.8kg
Not to be used Alone



size: 1-1/2" x 1-1/2"
Ceramic
size: 1-1/2" x 1-1/2"
SN: TP-10-CER4

A-4E25305A
(NO C12270)
Alumina+PE QC
1.5kg Alone

size: 1.5kg
SW: TP-10. CER4

Weight 2 Skg
13 1/2 lbs
Alone



MA

MA



Testing results for NIJ IV ballistic trauma panel

Tested by: BOSIK technologies LTD - independent ballistics testing facility. Test results can be confirmed and verified by BOSIK Technologies Ltd. www.bosik.com

Testing date: September 6, 2013

Testing of: NIJ level IV ceramic trauma plate (SKU: TP-1012-CER)

REPORT NUMBER: 2211189-002

Test Performed For:
 Canarmor Inc.
 10101 yonge St
 Unit 3
 Richmond Hill, Ontario
 Canada, L4C 1T7
 (P) (416) 244-2476
 (C) (905) 884-8338
 website: www.canarmor.ca



Test Performed By:
 Bosik Technologies Limited
 2495 Delzotto Avenue
 Ottawa, Ontario
 Canada, K1T 3V6
 (P) (613) 822-8898
 (F) (613) 822-3672
 email: ballistics@bosik.com
 website: www.bosik.com

TEST AND TEST MATERIAL IDENTIFICATION

Contract: Contract Number 2211189

Purchase Order N/A

Material Identification: Panel Description
 Back panel with carrier
 Model Number N/A
 Serial Number POL-B-TP
 Size Medium

Lot Number Unknown
 Piece Number N/A
 Panel Weight Dry (lbs.) 3.88
 Panel Weight Wet (lbs.) 4.04
 Measured Thickness N/A
 Date of Manufacture August 1, 2013
 Date Tested September 6, 2013

Laboratory Conditions: Temperature (°C) 20
 Relative Humidity (%) 44

Clay Calibration (mm) 18
 Target Base Line (m) $V_1=1.66, V_2=1.16$

Velocity Measurement Instrumentation: 3 Oehler Model 57 Infrared Photoelectric Screens with Oehler Chronograph Model 30 (V1) and Hewlett Packard Model 5315A (V2) Universal Counter reading the bullet time of flight on a 2 and 1 metre distance.

Firing Range: Distance between the front face of the Test material and the muzzle of the test barrel **5 Metres**

Test Barrel: **Calibre:** .44 Magnum **Length:** 28.00 inch **Twist rate:** 1-20 inch **Manufacturer:** Shilen Inc.

Loading Components: Case Winchester .44 Magnum Primer CCI BR2
 Powder Winchester 231 Bullet Manufacturer Winchester

Test Specification: V_{proof} Ballistic Penetration and Backface Signature (P-BFS) Test in a wet condition in accordance with NIJ 0101.04 Level IIIA, with a maximum deformation depth of 44mm. Using 3 horizontally positioned Velcro elastic straps 2 inch wide to secure the Test Sample to the Clay Backing material, and .44 calibre 240 grain SJHP bullets at a velocity range between 427m/s and 445m/s.

BALLISTIC RESULTS

Shot Number	Shot Load (grains)	Shot Angle (degrees)	Instrumentation Velocity (m/s) $[(V_1+V_2)/2]$	Penetration: Partial or Complete	Deformation Depth (mm)	Fair or Unfair Impact	Shot Counted (m/s)
1	11.2	0	435	Partial	32	Fair	435
2	11.2	0	433	Partial	30	Fair	433
3	11.2	0	438	Partial	31	Fair	438
4	11.2	30	431	Partial	N/A	Fair	431
5	11.2	30	430	Partial	N/A	Fair	430
6	11.2	0	430	Partial	28	Fair	430
Average velocity:							433

Does this shoot pack meet or exceed the specified requirements? **Yes**

Test Performed By:
 Daniel Lavallee

Test Results Checked By:
 Hailom Gebremeskel, B.Eng.

A black, bullet-resistant vest with a textured surface. The vest has a contoured shape with rounded shoulders and a slightly curved bottom. The words "STRIKE FACE" are printed in a bold, white, sans-serif font across the center of the chest. The vest is set against a plain, light-colored background.

STRIKE FACE

221189-007
P1704 3 762451 M80

STRIKE FORCE

6.20



NIKE F CF

0111 1111 1111
0000 0000 0000





