

**Ballistic Body Armor Level IIIA**

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**1 SCOPE**

This specification establishes requirements and specifications for combination ballistic body armor intended to protect a human torso against gunfire. Armor shall be designed to;

- provide protection to vital organs.
- cover front, back and side areas of torso.
- provide wearer protection with comfort and minimum loss of mobility.

**2 APPLICABLE SPECIFICATIONS / STANDARDS / CODES**

Specifications, standards and codes referenced in this document in effect on the opening of the 'Invitation For Bid', form a part of this specification.

**3 CERTIFICATION**

- 3.1 Armor shall be listed on the Compliant Products List by National Institute of Justice (NIJ) for Ballistic Level IIIA per standard 0101.06.
- 3.2 Armor shall be listed for sizes C1, C2, C3, C4 and C5 as defined by NIJ.

**4 REQUIREMENTS**

**4.1 PROTECTION/ THREAT LEVEL**

- 4.1.1 Protection level for Ballistic shall be Level IIIA.
- 4.1.2 Armor panels shall have areal density  $\leq 1.16$  lbs./ft<sup>2</sup> and thickness  $\leq 0.28$ "

**4.2 CONFIGURATION**

- 4.2.1 Carrier shall be designed to facilitate removal of front panel, back panel and optional soft trauma plate.
- 4.2.2 Armor shall be concealable type.
- 4.2.3 Adjustable elastic shoulder and side straps shall be provided for proper fitting and female version shall be configured with appropriate contouring.

**4.3 ARMOR PANELS**

- 4.3.1 Front armor panel shall provide coverage from the collarbone to the waist without causing 'push up under the chin' when wearer is seated.
- 4.3.2 Back armor panel shall fully cover the back area.
- 4.3.3 Front armor panel shall have extended sides and overlap back ballistic/stake panel by  $\geq 2$ ".
- 4.3.4 Armor panels shall provide full coverage for front, back and sides without restricting arm movement.
- 4.3.5 Armor panels shall be constructed of one piece material without separable layers.

**4.4 CARRIER**

- 4.4.1 Carrier shall be color matched, machine washable, lined with breathable material and have pockets in the front and back to securely retain armor panels.
- 4.4.2 Each pocket shall facilitate unrestricted insertion and removal of armor panels.
- 4.4.3 Pockets shall have a secure closure to retain armor panels during body movements.
- 4.4.4 Shoulder straps shall be between 2" & 2.5" wide and attached with "Hook and Loop" type fastener to the front portion.

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- 4.4.5 Carrier shall have adjustable elastic straps on each side under the arms for closure.
- 4.4.6 Side straps shall attach to the front section by mating "Hook and Loop" type fasteners.
- 4.4.7 Side straps shall prevent "curl-ups" and allow for a  $\geq 4$ " circumferential adjustment while maintaining overlap.
- 4.4.8 Carrier shall have a back shirrtail and a front shirrtail that accommodates trouser fly.
- 4.4.9 Carrier color to be identified in Purchase Order and available colors shall include white, black, dark blue, tan, olive drab green or dark green.

**4.5 SIZES**

- 4.5.1 Unless otherwise noted, body armor sizes shall be consistent with recognized United States garment retail measurements and tolerances as shown in Table I.
- 4.5.2 Each size shall have 2" length difference between Short and Regular and between Regular and Long and each Regular size shall be available in lengths of 'Regular +1 inch' and 'Regular -1 inch'.

**Table I**

<b>SIZE</b>	<b>LENGTH</b>	<b>CHEST</b>
(C1) EXTRA SMALL (XS)	S/R/L	30-32
(C2) SMALL (S)	S/R/L	34-36
(C3) MEDIUM (M)	S/R/L	38-40
(C4) LARGE (L)	S/R/L	42-44
(C5) EXTRA LARGE (XL)	S/R/L	46-50
SPECIAL ORDER	Dimensions as provided	

**Female Ballistic Body Armor Level IIIA**

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**1 SCOPE**

This specification establishes requirements and specifications for female ballistic body armor intended to protect female human torso against gunfire. Armor shall be designed to;

- provide protection to vital organs.
- cover front, back and side areas of torso.
- provide wearer protection with comfort and minimum loss of mobility.

**2 APPLICABLE SPECIFICATIONS / STANDARDS / CODES**

Specifications, standards and codes referenced in this document in effect on the opening of the 'Invitation For Bid', form a part of this specification.

**3 CERTIFICATION**

- 3.1 Armor shall be listed with Gender designation as "Female" on the Compliant Products List by National Institute of Justice (NIJ) for Ballistic Level IIIA per standard 0101.06.
- 3.2 Armor shall be listed for female sizes C1, C2, C3, C4 and C5 as defined by NIJ.

**4 REQUIREMENTS**

**4.1 PROTECTION/ THREAT LEVEL**

- 4.1.1 Protection level for Ballistic shall be Level IIIA.
- 4.1.2 Armor panels shall have areal density  $\leq 1.28$  lbs./ft<sup>2</sup> and thickness  $\leq 0.29$ "

**4.2 CONFIGURATION**

- 4.2.1 Carrier shall be designed to facilitate removal of front panel, back panel and optional soft trauma plate.
- 4.2.2 Armor shall be concealable type.
- 4.2.3 Adjustable elastic shoulder and side straps shall be provided for proper fitting and shall be configured with appropriate contouring for female body figure.

**4.3 ARMOR PANELS**

- 4.3.1 Front armor panel shall provide coverage from the collarbone to the waist without causing 'push up under the chin' when wearer is seated.
- 4.3.2 Back armor panel shall fully cover the back area.
- 4.3.3 Front armor panel shall have extended sides and overlap back ballistic/stake panel by  $\geq 2$ ".
- 4.3.4 Armor panels shall provide full coverage for front, back and sides without restricting arm movement.
- 4.3.5 Armor panels shall be constructed of one piece material without separable layers.

**4.4 CARRIER**

- 4.4.1 Carrier shall be color matched, machine washable, lined with breathable material and have pockets in the front and back to securely retain armor panels.
- 4.4.2 Each pocket shall facilitate unrestricted insertion and removal of armor panels.
- 4.4.3 Pockets shall have a secure closure to retain armor panels during body movements.
- 4.4.4 Shoulder straps shall be between 2" & 2.5" wide and attached with "Hook and Loop" type fastener to the front portion.

**Female Ballistic Body Armor Level IIIA**

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- 4.4.5 Carrier shall have adjustable elastic straps on each side under the arms for closure.
- 4.4.6 Side straps shall attach to the front section by mating "Hook and Loop" type fasteners.
- 4.4.7 Side straps shall prevent "curl-ups" and allow for a  $\geq 4$ " circumferential adjustment while maintaining overlap.
- 4.4.8 Carrier shall have a back shirrtail and a front shirrtail that accommodates trouser fly.
- 4.4.9 Carrier color to be identified in Purchase Order and available colors shall include white, black, dark blue, tan, olive drab green or dark green.

**4.5 SIZES**

- 4.5.1 Unless otherwise noted, body armor sizes shall be consistent with recognized United States garment retail measurements and tolerances as shown in Table I.
- 4.5.2 Each size shall have 2" length difference between Short and Regular and between Regular and Long and each Regular size shall be available in lengths of 'Regular +1 inch' and 'Regular -1 inch'.

**Table I**

<b>SIZE</b>	<b>LENGTH</b>	<b>CHEST</b>
(C1) EXTRA SMALL (XS)	S/R/L	30-32
(C2) SMALL (S)	S/R/L	34-36
(C3) MEDIUM (M)	S/R/L	38-40
(C4) LARGE (L)	S/R/L	42-44
(C5) EXTRA LARGE (XL)	S/R/L	46-50
SPECIAL ORDER	Dimensions as provided	

**Ballistic Body Armor Level II**

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**1 SCOPE**

This specification establishes requirements and specifications for combination ballistic body armor intended to protect a human torso against gunfire. Armor shall be designed to;

- provide protection to vital organs.
- cover front, back and side areas of torso.
- provide wearer protection with comfort and minimum loss of mobility.

**2 APPLICABLE SPECIFICATIONS / STANDARDS / CODES**

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**3 CERTIFICATION**

- 3.1 Armor shall be listed on the Compliant Products List by National Institute of Justice (NIJ) for Ballistic Level II per standard 0101.06.
- 3.2 Armor shall be listed for sizes C1, C2, C3, C4 and C5 as defined by NIJ.

**4 REQUIREMENTS**

**4.1 PROTECTION/ THREAT LEVEL**

- 4.1.1 Protection level for Ballistic shall be Level II.
- 4.1.2 Armor panels shall have areal density  $\leq 0.85$  lbs./ft<sup>2</sup> and thickness  $\leq 0.21$ "

**4.2 CONFIGURATION**

- 4.2.1 Carrier shall be designed to facilitate removal of front panel, back panel and optional soft trauma plate.
- 4.2.2 Armor shall be concealable type.
- 4.2.3 Adjustable elastic shoulder and side straps shall be provided for proper fitting and female version shall be configured with appropriate contouring.

**4.3 ARMOR PANELS**

- 4.3.1 Front armor panel shall provide coverage from the collarbone to the waist without causing 'push up under the chin' when wearer is seated.
- 4.3.2 Back armor panel shall fully cover the back area.
- 4.3.3 Front armor panel shall have extended sides and overlap back ballistic/stake panel by  $\geq 2$ ".
- 4.3.4 Armor panels shall provide full coverage for front, back and sides without restricting arm movement.
- 4.3.5 Armor panels shall be constructed of one piece material without separable layers.

**4.4 CARRIER**

- 4.4.1 Carrier shall be color matched, machine washable, lined with breathable material and have pockets in the front and back to securely retain armor panels.
- 4.4.2 Each pocket shall facilitate unrestricted insertion and removal of armor panels.
- 4.4.3 Pockets shall have a secure closure to retain armor panels during body movements.
- 4.4.4 Shoulder straps shall be between 2" & 2.5" wide and attached with "Hook and Loop" type fastener to the front portion.

**Ballistic Body Armor Level II**

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- 4.4.5 Carrier shall have adjustable elastic straps on each side under the arms for closure.
- 4.4.6 Side straps shall attach to the front section by mating "Hook and Loop" type fasteners.
- 4.4.7 Side straps shall prevent "curl-ups" and allow for a  $\geq 4$ " circumferential adjustment while maintaining overlap.
- 4.4.8 Carrier shall have a back shirrtail and a front shirrtail that accommodates trouser fly.
- 4.4.9 Carrier color to be identified in Purchase Order and available colors shall include white, black, dark blue, tan, olive drab green or dark green.

**4.5 SIZES**

- 4.5.1 Unless otherwise noted, body armor sizes shall be consistent with recognized United States garment retail measurements and tolerances as shown in Table I.
- 4.5.2 Each size shall have 2" length difference between Short and Regular and between Regular and Long and each Regular size shall be available in lengths of 'Regular +1 inch' and 'Regular -1 inch'.

**Table I**

<b>SIZE</b>	<b>LENGTH</b>	<b>CHEST</b>
(C1) EXTRA SMALL (XS)	S/R/L	30-32
(C2) SMALL (S)	S/R/L	34-36
(C3) MEDIUM (M)	S/R/L	38-40
(C4) LARGE (L)	S/R/L	42-44
(C5) EXTRA LARGE (XL)	S/R/L	46-50
SPECIAL ORDER	Dimensions as provided	

**Female Ballistic Body Armor Level II**

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**1 SCOPE**

This specification establishes requirements and specifications for female ballistic body armor intended to protect female human torso against gunfire. Armor shall be designed to;

- provide protection to vital organs.
- cover front, back and side areas of torso.
- provide wearer protection with comfort and minimum loss of mobility.

**2 APPLICABLE SPECIFICATIONS / STANDARDS / CODES**

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**3 CERTIFICATION**

- 3.1 Armor shall be listed with Gender designation as "Female" on the Compliant Products List by National Institute of Justice (NIJ) for Ballistic Level II per standard 0101.06.
- 3.2 Armor shall be listed for female sizes C1, C2, C3, C4 and C5 as defined by NIJ.

**4 REQUIREMENTS**

**4.1 PROTECTION/ THREAT LEVEL**

- 4.1.1 Protection level for Ballistic shall be Level II.
- 4.1.2 Armor panels shall have areal density  $\leq 0.9$  lbs./ft<sup>2</sup> and thickness  $\leq 0.24$ "

**4.2 CONFIGURATION**

- 4.2.1 Carrier shall be designed to facilitate removal of front panel, back panel and optional soft trauma plate.
- 4.2.2 Armor shall be concealable type.
- 4.2.3 Adjustable elastic shoulder and side straps shall be provided for proper fitting and shall be configured with appropriate contouring for female body figure.

**4.3 ARMOR PANELS**

- 4.3.1 Front armor panel shall provide coverage from the collarbone to the waist without causing 'push up under the chin' when wearer is seated.
- 4.3.2 Back armor panel shall fully cover the back area.
- 4.3.3 Front armor panel shall have extended sides and overlap back ballistic/stake panel by  $\geq 2$ ".
- 4.3.4 Armor panels shall provide full coverage for front, back and sides without restricting arm movement.
- 4.3.5 Armor panels shall be constructed of one piece material without separable layers.

**4.4 CARRIER**

- 4.4.1 Carrier shall be color matched, machine washable, lined with breathable material and have pockets in the front and back to securely retain armor panels.
- 4.4.2 Each pocket shall facilitate unrestricted insertion and removal of armor panels.
- 4.4.3 Pockets shall have a secure closure to retain armor panels during body movements.
- 4.4.4 Shoulder straps shall be between 2" & 2.5" wide and attached with "Hook and Loop" type fastener to the front portion.

**Female Ballistic Body Armor Level II**

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- 4.4.5 Carrier shall have adjustable elastic straps on each side under the arms for closure.
- 4.4.6 Side straps shall attach to the front section by mating "Hook and Loop" type fasteners.
- 4.4.7 Side straps shall prevent "curl-ups" and allow for a  $\geq 4$ " circumferential adjustment while maintaining overlap.
- 4.4.8 Carrier shall have a back shirrtail and a front shirrtail that accommodates trouser fly.
- 4.4.9 Carrier color to be identified in Purchase Order and available colors shall include white, black, dark blue, tan, olive drab green or dark green.

**4.5 SIZES**

- 4.5.1 Unless otherwise noted, body armor sizes shall be consistent with recognized United States garment retail measurements and tolerances as shown in Table I.
- 4.5.2 Each size shall have 2" length difference between Short and Regular and between Regular and Long and each Regular size shall be available in lengths of 'Regular +1 inch' and 'Regular -1 inch'.

**Table I**

SIZE	LENGTH	CHEST
(C1) EXTRA SMALL (XS)	S/R/L	30-32
(C2) SMALL (S)	S/R/L	34-36
(C3) MEDIUM (M)	S/R/L	38-40
(C4) LARGE (L)	S/R/L	42-44
(C5) EXTRA LARGE (XL)	S/R/L	46-50
SPECIAL ORDER	Dimensions as provided	

## **1 SCOPE**

This specification establishes requirements and specifications for Stab/Spike body armor intended to protect a human torso against stab/spike threats. Armor shall be designed to;

- provide protection to vital organs.
- cover front, back and side areas of torso.
- provide wearer protection with comfort and minimum loss of mobility.

## **2 APPLICABLE SPECIFICATIONS / STANDARDS / CODES**

Specifications, standards and codes referenced in this document in effect on the opening of the 'Invitation For Bid', form a part of this specification.

## **3 CERTIFICATION**

- 3.1 Armor shall be listed on the Compliant Products List by National Institute of Justice (NIJ) for Spike Level 3 per Standard 0115.00.

## **4 REQUIREMENTS**

### **4.1 PROTECTION / THREAT LEVEL**

- 4.1.1 Protection level for stab shall be Spike Level 3.
- 4.1.2 Armor panels shall have areal density  $\leq 0.60$  lbs./ft<sup>2</sup> and thickness  $\leq 0.17$ "

### **4.2 CONFIGURATION**

- 4.2.1 Carrier shall be designed to facilitate removal of front panel, back panel and optional soft trauma plate.
- 4.2.2 Armor shall be concealable type.
- 4.2.3 Adjustable elastic shoulder and side straps shall be provided for proper fitting and female version shall be configured with appropriate contouring.

### **4.3 ARMOR PANELS**

- 4.3.1 Front armor panel shall provide coverage from the collarbone to the waist without causing 'push up under the chin' when wearer is seated.
- 4.3.2 Back armor panel shall fully cover the back area.
- 4.3.3 Front armor panel shall have extended sides and overlap back ballistic/stake panel by  $\geq 2$ ".
- 4.3.4 Armor panels shall provide full coverage for front, back and sides without restricting arm movement.
- 4.3.5 Armor panels shall be constructed of one piece material without separable layers.

### **4.4 CARRIER**

- 4.4.1 Carrier shall be color matched, machine washable, lined with breathable material and have pockets in the front and back to securely retain armor panels.
- 4.4.2 Each pocket shall facilitate unrestricted insertion and removal of armor panels.
- 4.4.3 Pockets shall have a secure closure to retain armor panels during body movements.
- 4.4.4 Shoulder straps shall be between 2" & 2.5" wide and attached with "Hook and Loop" type fastener to the front portion.
- 4.4.5 Carrier shall have adjustable elastic straps on each side under the arms for closure.

**Stab/Spike Body Armor**

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- 4.4.6 Side straps shall attach to the front section by mating "Hook and Loop" type fasteners.
- 4.4.7 Side straps shall prevent "curl-ups" and allow for a  $\geq 4$ " circumferential adjustment while maintaining overlap.
- 4.4.8 Carrier shall have a back shirttail and a front shirttail that accommodates trouser fly.
- 4.4.9 Carrier color to be identified in Purchase Order and available colors shall include white, black, dark blue, tan, olive drab green or dark green.

**4.5 SIZES**

- 4.5.1 Unless otherwise noted, body armor sizes shall be consistent with recognized United States garment retail measurements and tolerances as shown in Table I.
- 4.5.2 Each size shall have 2" length difference between Short and Regular and between Regular and Long and each Regular size shall be available in lengths of 'Regular +1 inch' and 'Regular -1 inch'.

**Table I**

SIZE	LENGTH	CHEST
EXTRA SMALL (XS)	S/R/L	30-32
SMALL (S)	S/R/L	34-36
MEDIUM (M)	S/R/L	38-40
LARGE (L)	S/R/L	42-44
EXTRA LARGE (XL)	S/R/L	46-50
SPECIAL ORDER	Dimensions as provided	

**Combination Body Armor**

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**1 SCOPE**

This specification establishes requirements and specifications for combination (ballistic /stab) body armor intended to protect a human torso against gunfire and spike threats. Armor shall be designed to;

- provide protection to vital organs.
- cover front, back and side areas of torso.
- provide wearer protection with comfort and minimum loss of mobility.

**2 APPLICABLE SPECIFICATIONS / STANDARDS / CODES**

Specifications, standards and codes referenced in this document in effect on the opening of the 'Invitation For Bid', form a part of this specification.

**3 CERTIFICATION**

3.1 Armor shall be listed on the Compliant Products List by National Institute of Justice (NIJ) for:

3.1.1 Ballistic Level IIIA per standard 0101.06.

3.1.2 Spike Level 3 per Standard 0115.00.

3.2 Armor shall be listed for sizes C1, C2, C3, C4 and C5 as defined by NIJ.

**4 REQUIREMENTS**

**4.1 PROTECTION / THREAT LEVEL**

4.1.1 Protection level for Ballistic shall be Level IIIA.

4.1.2 Protection level for stab shall be Spike Level 3.

4.1.3 Armor panels shall have areal density  $\leq 1.5$  lbs./ft<sup>2</sup> and thickness  $\leq 0.42$ "

**4.2 CONFIGURATION**

4.2.1 Carrier shall be designed to facilitate removal of front panel, back panel and optional soft trauma plate.

4.2.2 Armor shall be concealable type.

4.2.3 Adjustable elastic shoulder and side straps shall be provided for proper fitting and female version shall be configured with appropriate contouring.

**4.3 ARMOR PANELS**

4.3.1 Front armor panel shall provide coverage from the collarbone to the waist without causing 'push up under the chin' when wearer is seated.

4.3.2 Back armor panel shall fully cover the back area.

4.3.3 Front armor panel shall have extended sides and overlap back ballistic/stake panel by  $\geq 2$ ".

4.3.4 Armor panels shall provide full coverage for front, back and sides without restricting arm movement.

4.3.5 Armor panels shall be constructed of one piece material without separable layers.

**4.4 CARRIER**

4.4.1 Carrier shall be color matched, machine washable, lined with breathable material and have pockets in the front and back to securely retain armor panels.

4.4.2 Each pocket shall facilitate unrestricted insertion and removal of armor panels.

**Combination Body Armor**

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- 4.4.3 Pockets shall have a secure closure to retain armor panels during body movements.
- 4.4.4 Shoulder straps shall be between 2" & 2.5" wide and attached with "Hook and Loop" type fastener to the front portion.
- 4.4.5 Carrier shall have adjustable elastic straps on each side under the arms for closure.
- 4.4.6 Side straps shall attach to the front section by mating "Hook and Loop" type fasteners.
- 4.4.7 Side straps shall prevent "curl-ups" and allow for a  $\geq 4$ " circumferential adjustment while maintaining overlap.
- 4.4.8 Carrier shall have a back shirrtail and a front shirrtail that accommodates trouser fly.
- 4.4.9 Carrier color to be identified in Purchase Order and available colors shall include white, black, dark blue, tan, olive drab green or dark green.

**4.5 SIZES**

- 4.5.1 Unless otherwise noted, body armor sizes shall be consistent with recognized United States garment retail measurements and tolerances as shown in Table I.
- 4.5.2 Each size shall have 2" length difference between Short and Regular and between Regular and Long and each Regular size shall be available in lengths of 'Regular +1 inch' and 'Regular -1 inch'.

**Table I**

SIZE	LENGTH	CHEST
(C1) EXTRA SMALL (XS)	S/R/L	30-32
(C2) SMALL (S)	S/R/L	34-36
(C3) MEDIUM (M)	S/R/L	38-40
(C4) LARGE (L)	S/R/L	42-44
(C5) EXTRA LARGE (XL)	S/R/L	46-50
SPECIAL ORDER	Dimensions as provided	

Combination Armor Tactical Outer Carrier

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**1 SCOPE**

This specification establishes construction and performance requirements for Tactical Outer Carrier (TOC).

**2 APPLICABLE SPECIFICATIONS / STANDARDS / CODES**

Specifications, standards and codes referenced in this document in effect on the opening of the 'Invitation For Bid', form a part of this specification.

**3 REQUIREMENTS**

**3.1 CONFIGURATION**

- 3.1.1 Shall be constructed of  $\geq 1000$  denier nylon.
- 3.1.2 Carrier color to be identified in Purchase Order and available colors shall include black, dark blue, tan, multi-cam, and dark green.
- 3.1.3 Shall have side opening with inside pockets to accommodate 10"x12" (Wide x Tall) hard armor plates on both the front and rear of the carrier.
- 3.1.4 Shall have side opening with inside pockets to accommodate 6"x10" soft armor plates on both sides (side areas of torso) of the carrier.
- 3.1.5 Side opening to be closeable with  $\geq 3$ " male "Hook and Loop" strip sewn to front side and equal female strip sewn to the back side of the carrier and running along the height of the sides.

**3.2 OFFICER DOWN STRAP**

- 3.2.1 Shall be located on the back across the upper shoulder area.
- 3.2.2 Shall lie flat on the carrier when not in use.
- 3.2.3 Shall provide  $\geq 7$ " of grip area.
- 3.2.4 Shall have strength to drag  $\geq 300$  lbs.

**3.3 INTERNAL CHANNELS**

- 3.3.1 Shall be spaced to permit radio wires or hydration tubes.
- 3.3.2 Shall be located over right and left shoulders.
- 3.3.3 Shall originate in the back inside pocket and exiting out the front inside pocket.

**3.4 BACK PLACARD**

- 3.4.1 Shall have female Hook and Loop field  $\geq 2$ " in height and approximately width of the front of the vest, located generally across shoulder blade area and below Officer Down Strap
- 3.4.2 Shall support 8"x2" (W x H) male "Hook & Loop" placard. The placard will be attached across the top edge only and lie generally flat.

**3.5 FRONT PLACARD**

- 3.5.1 Shall have male "Hook & Loop" field 2" in height and approximately width of the back of the vest, located generally across the chest region.
- 3.5.2 Shall support 5"x2" (W x H) name placard. The placard will be attached across the top edge only and lie generally flat.

**3.6 BADGE LOOP**

Combination Armor Tactical Outer Carrier

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- 3.6.1 Shall have 2" wide and 1" high badge loop.
- 3.6.2 Shall be located on the upper left chest area.
- 3.6.3 Shall be attached on the left and right sides, allowing a top and bottom opening through which to secure a badge.

**3.7 BELLY BAND**

- 3.7.1 3¾" to 4" elastic belly band shall be attached to inside back of the carrier.
- 3.7.2 The "Hook & Loop" closure shall allow ≥6" adjustment to the belly band.

**3.8 MOLLE FASTENER SYSTEM**

- 3.8.1 Shall have 1" straps sewn at 1" intervals compatible with Molle attachments.
- 3.8.2 Shall have ≥5 rows of fasteners attached on the front side.
- 3.8.3 Shall have ≥5 rows of fasteners attached on the back side.
- 3.8.4 Front top row shall be located ≥1" below the collar opening.
- 3.8.5 Fasteners shall be horizontally arranged to occupy the length & width of the front & back.

**3.9 ARM PADS**

- 3.9.1 Shall be constructed from same material as front and back panels.
- 3.9.2 Shall meet protection / threat level requirements of front and back panels.
- 3.9.3 Shall attach to the TOC via "Hook and Loop" at the top of the shoulder and around the arm with an adjustable elastic band and Velcro closure strap.
- 3.9.4 Arm strap shall be permanently attached to the arm pad.