



Royal Canadian Mounted Police  
Gendarmerie royale du Canada

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# Specification

## Pouch, Carbine, Single Magazine

This document has 12 pages including the drawings.

This document was created in English.

The document is available in English and French.

English/Anglais  
Français/French

The photograph on this page is for reference only.





## **RCMP VIEWING SAMPLE**

A viewing sample, when available, will be supplied to the successful bidder.

This will be used for the guidance of the manufacturer in all factors not covered by this specification or referred to therein. Variation from the specification may appear in the sample in which case the specification shall govern.

It may be obtained from:

Royal Canadian Mounted Police  
ATTN: Uniform & Equipment Program  
(440 Coventry Road, Warehouse Building)  
1200 Vanier Parkway  
Ottawa, Ontario  
K1A 0R2

It will be sent “prepaid” and is to be returned “prepaid”.

The viewing sample shall be returned to the RCMP in the same condition as received by the manufacturer. Lost or damaged viewing samples shall be replaced by an identical item or the RCMP shall be reimbursed for the cost of an acceptable replacement.

## **SPECIFICATION**

### **POUCH, CARBINE SINGLE MAGAZINE**

#### **1. Definition**

- 1.1 This specification shall govern the manufacture and inspection of Pouch, Carbine, Single Magazine. The specific item covered under this specification with stock number is as follows:
- i. 8085-150 – Pouch, Carbine, Single Magazine/Porte-chargeur simple, pour carabine.
- 1.2 This specification, viewing sample, drawing or other information issued in connection therewith, may only be used for specific enquiries, solicitations, or orders placed on behalf of the Royal Canadian Mounted Police.
- 1.3 This specification supersedes all previous specifications for R.C.M.P. Pouch, Carbine, Single Magazine
- 1.4 This specification has been translated into French from this original English language document.

#### **2. Applicable Specifications**

- 2.1 The following publications are applicable to this specification and to the issues in effect on the date of the solicitation, unless otherwise specified.
- 2.2 CAN/CGSB 4.2 Textile Test Methods; 5.1-M90 (R2013), 6-2013, 9.2-M90 (R2013), 12.1-M90 (R2004), 26.2-94 (R2012) and 26.3-2010.
- 2.3 CAN/CGSB 4-GP-85Ma, Thread, Nylon.
- 2.4 FED-STD 191A, Federal Standard Textile Test Methods; Method 4108, 5041, 5050, 5526 and 5514.
- 2.5 ASTM, American Society for Testing and Materials; Method D3776/D3776M-09a (2013), D5169-98 (2004) and D5170-98 (2015).

- 2.6 ISO, International Standards Organization; 7211-2:1984 and 4920:1981.
- 2.7 CAN/CGSB-86.1-2003 Care Labelling of Textiles.

### 3. **General Requirements**

- 3.1 The article or material covered by this specification shall be free from imperfections or blemishes such as may affect its appearance or serviceability. In all particulars not covered by this specification or contract documents, production shall be equivalent in all respects to the viewing sample.
- 3.2 **Design** – The Pouch, Carbine, Single Magazine to this specification shall be a soft fabric, flapped pouch capable of holding a single RCMP 30-rd M16/M4-type patrol carbine magazine. It shall secure to load-carrying vests by means of MOLLE-type quick-release rigid straps with dome fasteners.

### 4. **Detail Requirements**

#### 4.1 **Components**

- 4.1.1 **Shell Material** – The shell material shall be a black 100% nylon, plain weave fabric, 500 denier, weight 235 g/m<sup>2</sup> minimum, with 25 g/m<sup>2</sup> minimum urethane coating, meeting the requirements outlined in Table I.
- 4.1.2 **Interlining** – A heavy, firm Pellon® type non-woven fusible interfacing material, as per the viewing sample.
- 4.1.3 **Hook and Loop Tape** – The hook and loop tape shall be woven nylon, black in colour, with a high life cycle. The combined hook and loop shall have no less than 8 P.S.I length-wise shear strength with initial peel strength of not less than 1 P.I.W. when tested to ASTM D5169-98 (2004), standard test method for shear strength [dynamic method] of hook and loop touch fasteners and ASTM D5170-98 (2015), standard test method for peel strength ["T" method] of hook and loop touch fasteners." Dimensions shall be as per drawing 1.
- 4.1.4 **Elastic Retention Strap** – Shall be heavy duty nylon or polyester elastic, black in colour, 3.8 cm (1.5") wide with maximum elongation of 130% and recovery as per viewing sample.

- 4.1.5 **Nylon Webbing**
- 4.1.5.1 **Nylon Webbing, Loop Backing** - The webbing shall be a durable nylon webbing, luggage quality, black in colour measuring 4.92 cm (1 15/16") or 5.08 cm (2") wide and 0.043"  $\pm$  0.01" thick. It shall have a minimum tensile strength of 1800 lbs. as per Federal Standard 191A test method #4108 and be equal in appearance to the viewing sample. Tape Craft #N0015S-1 15/16" is known to meet the requirements.
- 4.1.5.2 **Nylon Webbing, Accessory Attachment** - The webbing shall be a durable nylon webbing, luggage quality, black in colour measuring 2.54 cm (1") wide and 0.04"  $\pm$  0.01" thick. It shall have a minimum tensile strength of 1000 lbs. as per Federal Standard 191A test method #4108 and be equal in appearance to the viewing sample. Tape Craft #N0015S-1"-YD001-352 is known to meet the requirements.
- 4.1.6 **Plastic Rod** – The plastic rod shall be black plastic high density polyethylene or equivalent, 1.25 to 1.35 mm thick, 1.9 cm wide, rigidity and properties to equal viewing sample.
- 4.1.7 **Thread** - The thread shall be a nylon continuous filament bonded, Class A, Type II, Tex 45, meeting CAN/CGSB 4-GP-85Ma. It shall be black in colour.
- 4.1.8 **Buckle, Square Ring, Plastic** – High quality impact resistant acetal (POM) plastic square ring buckle, black in colour, inner dimensions 26.5 mm x 6.5 mm minimum, as per viewing sample. UTX Product HL-D001, 25 mm is known to meet this requirement.
- 4.1.9 **Dome Fasteners** – Shall be metal dome fasteners, 'medium' action, black in colour equal to the viewing sample.
- 4.1.10 **Grommet** – Shall be metal, black in colour, inner diameter 4.75-5.25 mm.
- 4.2 **Size and Dimensions** – The Pouch, Carbine, Single Magazine to this specification shall be supplied to the dimensions given in the drawings forming part of this specification.
- 4.3 **Construction**
- 4.3.1 **Stitching** - All stitching shall be lockstitch. There shall be no less than two or more than three stitches per centimeter. The beginning and ending of all stitching shall

be securely backstitch tacked, unless secured by other stitching. Care shall be taken to avoid broken threads or skipped stitches.

4.3.2 **Body** - The main body of the pouch shall be made from the shell material specified in para. 4.1.1, sized and shaped according to the dimensions given in drawings 1 and 2. The top edge of the opening of the pouch shall be turned over and stitched with two rows of stitching for pocket opening rigidity and reinforcement. The body-side of the pouch shall consist of two layers of shell material with one layer of interfacing, specified in para. 4.1.2, to provide rigidity. The pouch must fit a single thirty (30) round M16/M4-type STANAG patrol carbine single magazine with a good friction fit provided by the elastic strap across the front of the pouch body. The elastic strap shall be of the material specified in para. 4.1.4, with the ends turned and stitched to the body of the magazine pouch, as per the viewing sample. There shall be a single metal grommet, securely positioned at the bottom of the pouch pocket, for water drainage. The pouch shall have a cover flap of two layers of shell material, to further secure the magazine inside the pouch. The cover flap shall be secured by hook and loop tape, specified in para. 4.1.3; with hook sewn on the inner layer of cover flap and loop on the pouch body. The cover flap shall be centered in relation to the body of the pouch. The end of the cover flap shall have a pull-tab made of webbing specified in para. 4.1.5.2, 2.54 cm wide and 2 cm long. The loop tape applied on the body shall first be sewn onto a piece of webbing, specified in para. 4.1.5.1, 4.92 cm or 5.08 cm wide. The combined loop tape & webbing attachment tab shall be positioned with 3 cm extending above the top edge of the pouch opening. The balance shall be stitched onto the face of the pouch with a double row of stitching along the top edge of the pouch opening and with a single row of stitching through the shell material below the elastic. These horizontal rows of stitching will also serve to create a channel for the elastic strap to pass through. Two dome fasteners, male portion, as specified in para. 4.1.9 shall be applied to the bottom of each pouch to connect with the female portion dome fasteners on the MOLLE Retention Straps, as per drawing 2 and the viewing sample.

4.3.3 **MOLLE Retention Straps** – The pouch shall have two free-sliding retention straps on the back of the pouch intended to function with MOLLE strapping systems on RCMP load-carrying vests. These straps shall be made of two layers of the webbing specified in para. 4.1.5.2, stitched together with three equidistant rows of stitching for the entire length of the strap, the outside rows for securing the two layer edges, and the middle row penetrating through the plastic rod used as a stiffener, to reinforce the MOLLE attachment straps, specified in para. 4.1.6. There shall be a dome fastener, female portion, inserted into the bottom of the strap to

mate with the dome fasteners, male portion, on the body side of the pouch. The top end of the retention straps shall be turned over and stitched to provide a 'stopper' after the straps are inserted into the plastic square ring buckles specified in para. 4.1.8. The buckles shall each be attached to two pieces of 2.54 cm webbing for insertion into the two-layer back portion of the main body of the pouch, as per the viewing sample. The webbing securing the buckles shall be secured by bartacks for permanency and durability.

4.3.4 **MOLLE Webbing** – On the rear, body-side of the pouch, there shall be four horizontal MOLLE webbing straps made of 2.54 cm wide webbing specified in para. 4.1.5.2 and located as per drawing 2 and the viewing sample, across the entire width of the pouch. These straps shall be attached by three rows of equally spaced double reinforced stitching, and shall be located and situated in accordance with the drawings and the viewing sample. For strength and durability purposes, each end of these straps shall wrap around the edges of the pouch and shall be captured between the two layers of the rear of the pouch body. The top two rows of webbing shall also be bartacked to the body of the pouch in accordance with drawing 2 and the viewing sample.

4.3.5 **Marking & Cleaning Label** - Each Pouch, Carbine, Single Magazine shall have a sewn on label affixed to the inside of the pouch. The information shall be accessible and legible, as outlined below in a text no less than a size 6 font. The label and text shall be woven or printed of permanent inks, in contrasting colour(s) and shall withstand at least 50 washes showing no apparent change in appearance. The label shall be completed in accordance with the following information in English and French.

1. Item name in English as written in para. 1.1.
2. Item name in French as written in para. 1.1.
3. RCMP stock number 8085-150
4. Date of manufacture, in numeric format year/month (Ex.: 2001/11)
5. Your manufacturer identification (Company name or number).
6. Enter the care information as written below.



1  
2  
3  
4  
5  
6

8085-150

Hand Wash - warm water (50°C) / Laver à la main - eau chaude (50°C).  
**Do Not** use fabric softener or chlorine bleach / **Ne pas** utiliser d'agent adoucissant ou d'agent de blanchiment.  
 Hang to Dry / Suspendre (sur une corde) pour le séchage  
 Do not iron / Ne pas repasser  
 Do not dry clean / Ne pas nettoyer à sec

**Note: The manufacturer's identification shall not appear anywhere else.**

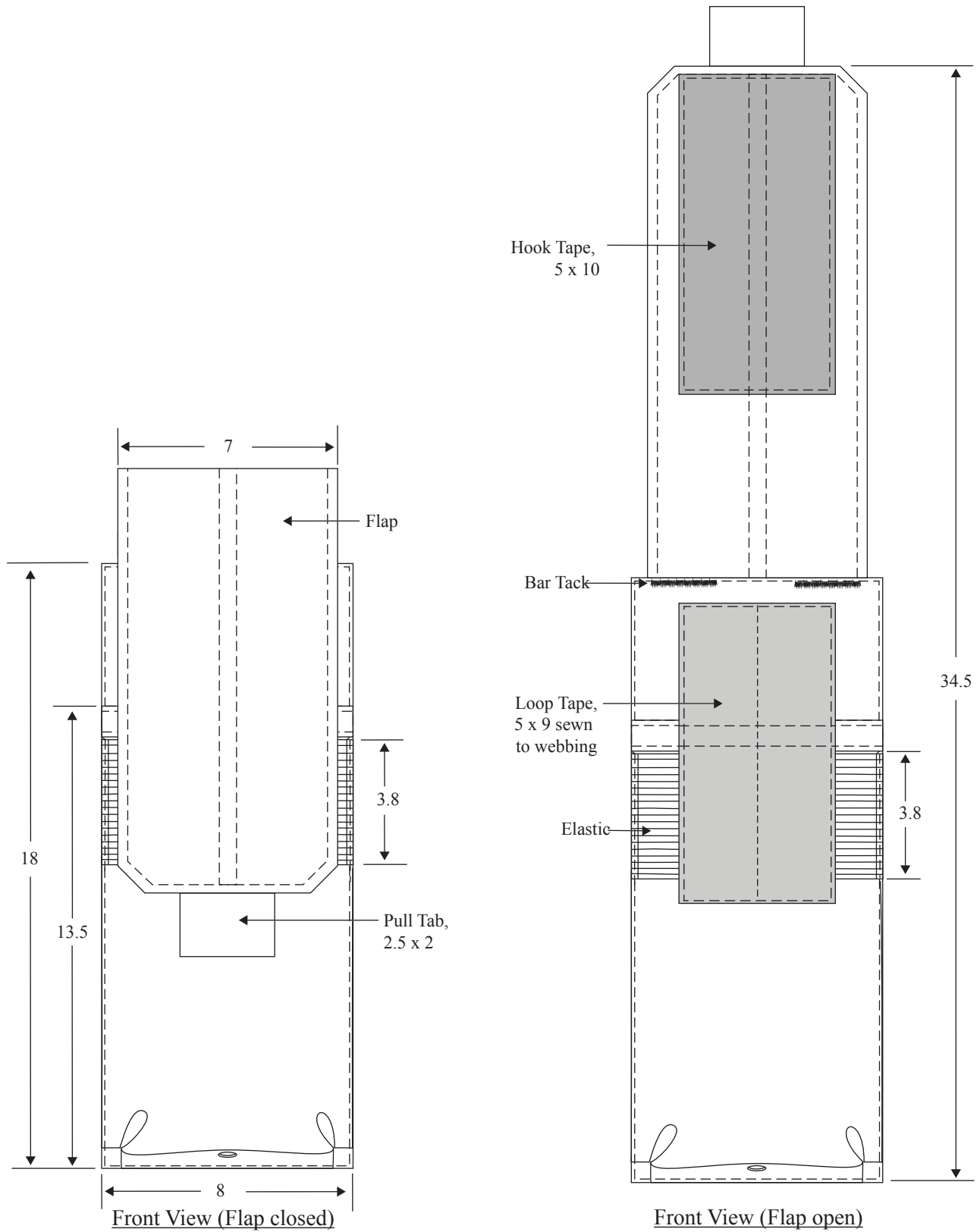
## 5. **Quality Assurance Provisions**

- 5.1 **Responsibility for Inspection** - Unless otherwise stipulated in the contract, it is the prime contractor's responsibility to satisfy the R.C.M.P., Uniform & Equipment Program that the material and services being supplied conform to this specification. This may be accomplished by performing the tests specified in this specification or by demonstrating to the satisfaction of the R.C.M.P., Uniform & Equipment Program that conformity to this specification of manufacturing processes is assured. The contractor may use any commercial testing establishment acceptable to the R.C.M.P., Uniform & Equipment Program.
- 5.2 The R.C.M.P., Uniform & Equipment Program reserve the right to perform any inspection considered necessary to ensure the material and services conform to the specified requirements. For the purpose of inspection, a portion of each delivery not exceeding two percent or two out of any number delivered under 100 may be put to tests that could destroy the articles. If found to be inferior or not in accordance with this specification, all articles so destroyed shall be replaced by others of proper quality and pattern at the expense of the contractor. The entire delivery may also be rejected if it is found that articles previously rejected due to non-repairable defects are redelivered for inspection.
- 5.3 The contractor will be promptly notified when any articles are not accepted and such articles will be returned at the contractor's risk and expense.

**TABLE I**  
**Shell Material**

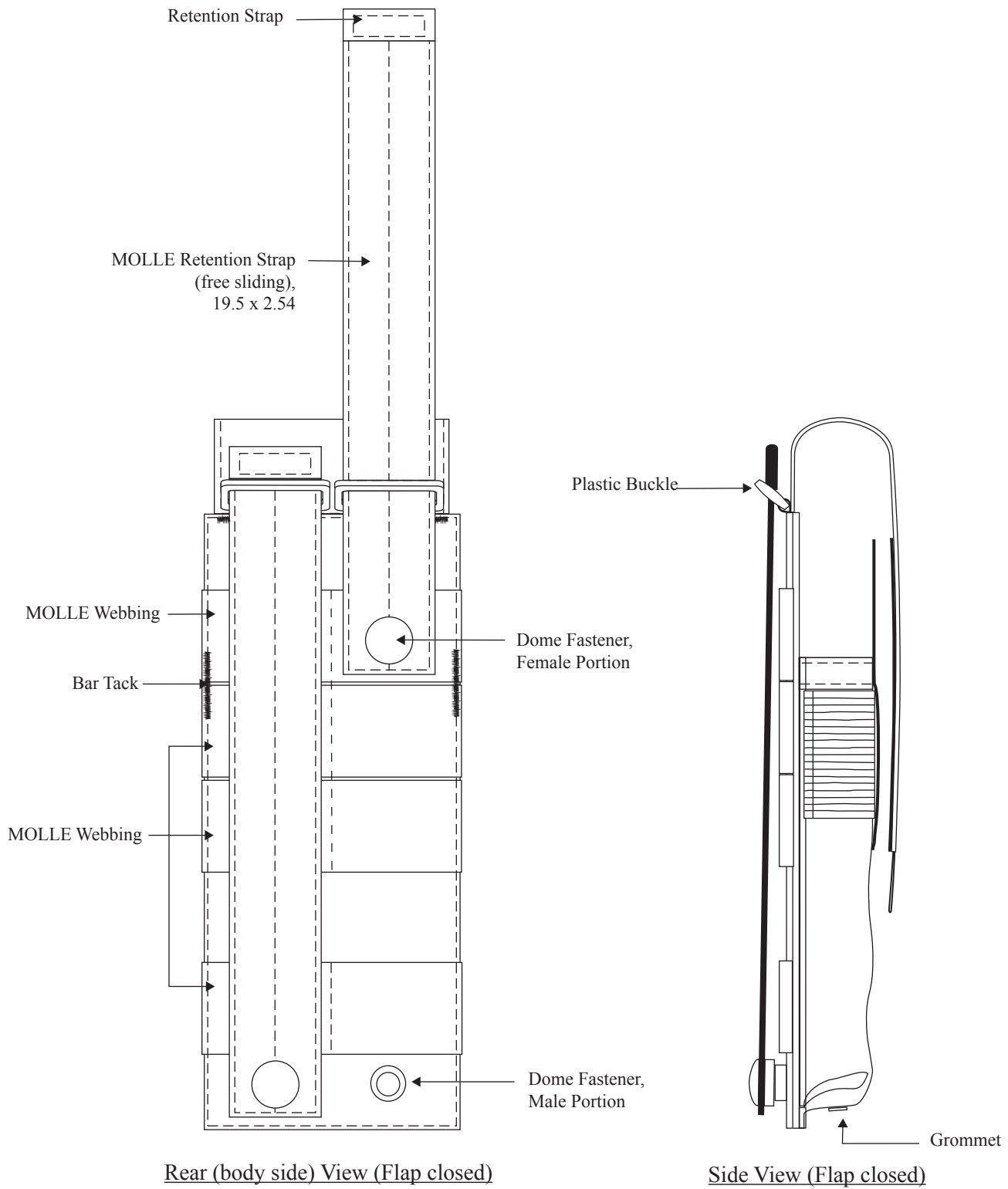
	REQUIREMENT	TESTED METHODS
Colour	Black, to match the viewing sample	
Fibre Content	100% Nylon, 500 denier, Type 6.6 with a urethane coating	---
Weave	Plain	<ul style="list-style-type: none"> <li>• Visual</li> </ul>
Mass	Fabric: 235 g/m <sup>2</sup> ± 12g/m <sup>2</sup> Coating: 25 g/m <sup>2</sup> ± 3g/m <sup>2</sup>	<ul style="list-style-type: none"> <li>• CAN/CGSB-4.2 Method 5.1-M90 (R2013)</li> <li>• ASTM D3776/D3776M-09a (2013)</li> <li>• Fed. Std. 191A Method 5041</li> </ul>
Yarns per cm	Warp: 18 min. Weft: 13 min.	<ul style="list-style-type: none"> <li>• CAN/CGSB-4.2 Method 6-2013</li> <li>• ISO 7211-2:1984</li> <li>• Fed. Std. 191A Method 5050</li> </ul>
Breaking Strength - Grab Method	Warp: 1000 N min. Weft: 800 N min.	<ul style="list-style-type: none"> <li>• CAN/CGSB-4.2 Method 9.2-M90 (R2013)</li> </ul>
Tearing Strength - Tongue Method	Warp: 66 N (15 lbs) min. Weft: 50 N (11 lbs) min.	<ul style="list-style-type: none"> <li>• CAN/CGSB-4.2 Method 12.1-M90 (R2004)</li> </ul>
Resistance to Surface Wetting - Spray Method	100 initial	<ul style="list-style-type: none"> <li>• CAN/CGSB-4.2 Method 26.2-94 (R2012)</li> <li>• ISO 4920:1981</li> <li>• Fed. Std. 191A Method 5526</li> </ul>
Hydrostatic Resistance	No leakage at 35 cm	<ul style="list-style-type: none"> <li>• CAN CGSB 4.2 Method 26.3-2010</li> <li>• Fed Std. 191A Method 5514</li> </ul>

Dwg. 1



All measurements indicated are in centimeters unless otherwise noted  
Tolerance  $\pm 2$  mm unless otherwise specified  
NOT TO SCALE

Dwg. 2



All measurements indicated are in centimeters unless otherwise noted  
Tolerance  $\pm 2$  mm unless otherwise specified  
NOT TO SCALE