



Royal Canadian Mounted Police  
Gendarmerie Royale du Canada

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# Specification

## Cap, Fur, Unisex

This document has 10 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 tenderer.

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****CAP, FUR, UNISEX****1. Definitions**

- 1.1 This specification shall govern the manufacture and inspection of Cap, Fur, Unisex.
- 1.2 This specification, viewing sample, drawing or other information issued in connection therewith, may only be used for specific enquiries, tenders, or orders placed on behalf of the Royal Canadian Mounted Police.
- 1.3 This specification supersedes all previous specifications for Cap, Fur, Unisex.

**2. Applicable Specifications**

- 2.1 The following publications are applicable to this specification and to the issues in effect on the date of the invitation to tender, unless otherwise specified.
- 2.2 CAN/CGSB, CAN-4.2, Textile Test Methods.
- 2.3 CAN/CGSB 4.131-93, Thread, Polyester, Polyester-covered.
- 2.4 RCMP, G.S.1045-284, Cloth, Twill, polyester/Cotton, 200 g/m<sup>2</sup>.

**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** - Cap, Fur, Unisex to this specification shall be yukon style, fur trimmed, designed in accordance with the attached drawing, forming part of this specification and the viewing sample.
- 3.3 In the event of any inconsistency in contract documents, specification, drawing, or viewing sample, the aforementioned shall prevail in the following order:

- (i) Contract
- (ii) Specification
- (iii) Drawing
- (iv) Viewing sample

#### 4. **Detail Requirements**

##### 4.1 **Materials**

4.1.1 **Shell** - 65% polyester / 35% cotton, dark navy blue, in accordance with specification G.S.1045-284.

**To be purchased from the RCMP.**

4.1.2 **Fur Trim** - The fur shall be Eastern Canada or New York State Spring Muskrat, No. 1 quality, fully furred. Only extra-large skins with the belly trimmed off shall be used.

**Certification of Compliance is required.**

4.1.3 **Lining** - Shall be of a three layer construction, with a combined weight of 236 g/m<sup>2</sup> (7 oz/yd<sup>2</sup>), +/- 10% consisting of an insulating filler of a blend of recycled fibres, including polyester and/or viscose and/or cotton, between a polyester or polyester/rayon non-woven scrim, and a surface layer (next to wearer's head) of a plain weave 100% nylon fabric, 50-60 g/m<sup>2</sup>, black in colour. As an alternative to the three layer construction, a two layer construction with a combined weight of 236 g/m<sup>2</sup> (7 oz/yd<sup>2</sup>), +/- 10% of a bonded 100% polyester filler, with a surface layer (next to wearer's head) of a plain weave 100% nylon fabric, 50-60 g/m<sup>2</sup>, colour black, will also be acceptable. The lining shall be quilted with a zig-zag stitch with a spacing of 1.25 to 1.6 cm or a 2.5 to 3.75 cm diamond stitch pattern.

**Certification of Compliance is required.**

4.1.4 **Chin Tie** - Shall be commercially available gross grain tape, 16 mm wide (5/8") wide, colour dark navy blue to match shell material.

4.1.5 **Thread** - Shall be polyester core, polyester wrap, Tex 40, of matching colour to shell material, meeting CAN/CGSB 4.131-93.

**Certification of Compliance is required.**

4.2 **Size and Dimensions** - Cap, Fur, Unisex to this specification shall be supplied in the sizes specified by the RCMP and to the dimensions given in the scale of measurements attached and forming a part of this specification.

### 4.3 **Construction**

- 4.3.1 **Skin Preparation** - Any tears and holes in the skins shall be repaired and then they shall be board blocked. The fur trim for each cap shall be cut from 2½ matching skins with the backs centred at each piece. Good appearance and uniformity are essential. The sides shall smooth towards the front and the centre front piece upwards. The leather side of the pieces shall be coloured, penetrating through to the fur side, all around the edges at a width of 2 cm. The splitting of skins for the side trim is not permitted.
- 4.3.2 **Stitching** - All stitching shall be lockstitch. There shall be not less than 4 nor more than 5 stitches per cm. The beginning and ending of all stitching shall be securely backstitch tacked unless secured by other stitching.
- 4.3.3 **Outer Shell** - The one-piece crown and flaps shall be made of five pieces of shell material specified in Para. 4.1.1, cut in such a way to give a joining seam from top to back with two additional seams on each side. The seams shall be turned to one side as per viewing sample and top stitched 1.5 mm gauge. A covered button shall be secured at the top where the seams converge.
- 4.3.4 **Fur Trim** - The trim as specified in Para. 4.1.2 shall be sewn to the crown and finished as per viewing sample. Care shall be taken that the flaps are smooth on both sides. Twisted and pleated trim, as well as gaps between peak and flaps are not acceptable.
- 4.3.5 **Quilted Lining** - The lining cut from the material specified in Para. 4.1.3 shall be of three pieces seamed and turned with the joining seams running from top to sides and top to back.
- 4.3.6 **Chin Tie** - A chin tie, from the material specified in Para. 4.1.4, 25.5 cm in finished length, shall be secured in the joining seam of each side flap at the deepest point.
- 4.3.7 **Marking** - Each cap shall be legibly and indelibly marked in accordance with good commercial trade practice with the following information:
- Contractor's Identification
  - Letters RCMP - GRC
  - Month and year of contract

- RCMP stock number
- Size

4.3.8 **Finishing** - Each cap shall be properly shaped and finished to the satisfaction of the RCMP.

## 5. **Delivery, Packing and Marking of Containers**

5.1 Unless otherwise specified the items shall be delivered to the Commissioner, R.C.M.P., Uniform & Equipment Program, Ottawa, Ontario, free of transportation charges and provincial tax.

5.2 Packing and marking of shipping containers shall be as specified in the invitation to tender.

5.3 A packing slip shall be enclosed showing contents of each shipment.

## 6. **Quality Assurance Provisions**

6.1 **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 his own facilities or any commercial testing establishment acceptable to the R.C.M.P., Uniform & Equipment Program.

6.2 The R.C.M.P., Uniform & Equipment Program reserves 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.

6.3 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.

**Scale of measurements****CAP, FUR, UNISEX and VITAL FUR TRIM DIMENSIONS**

Size	Body Head Girth cm	Hat Measurement: Inner circumference at centre of headband cm
6 3/8	51	53
6 1/2	52	54
6 5/8	52	55
6 3/4	54	56
6 7/8	55	57
7	56	58
7 1/8	57	59
7 1/4	58	60
7 3/8	59	61
7 1/2	60	62
7 5/8	61	63
7 3/4	62	64
Range: +/-0.5 cm		Tolerance: +/-0.5 cm

Height dimensions of patterns, including seam allowances for sizes 6 3/4 to 7 5/8 inclusive:

Peak – 13 cm  
 Flap – 15 cm  
 Back - 10.5 cm

Smaller and larger sizes shall be graded appropriately.



## Appendix A

### Certification & Evaluation Criteria

Appendix A contains the definitions for certificate of compliance and test reports that are required for this specification. The tables of requirements shall be used by the manufacturer and RCMP Uniform & Equipment Program to ensure proper documentation is received and meets the requirements outlined in this specification.

**Certification of compliance:** Compliance certification documents must be based on testing from a raw goods manufacturer from an in-house or independent, third-party accredited laboratory acceptable to the RCMP to verify performance requirements as specified in this specification or where indicated an invoice from the raw good supplier is also acceptable.

**Test Report:** Test report documents must include the test method, test conditions and test results performed by an independent, third-party accredited laboratory acceptable to the RCMP to verify requirements as specified in this specification.

### Certification & Evaluation Criteria

<b>Para. Title/Test</b>	<b>Certification of Compliance</b>	<b>Test Report</b>	<b>Pass/Fail</b>
Para. 4.1.2 Fur Trim	Required		
Para. 4.1.3 Lining	Required		
Para. 4.1.5 Thread	Required		