



Royal Canadian Mounted Police  
Gendarmerie royale du Canada

Doc. no: G.S. 1045-257

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# Specification

## Belt, Ceremonial

This document has 9 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**  
**BELT, CEREMONIAL**

**1. Definitions**

- 1.1 This specification shall govern the manufacture and inspection of Belt, Ceremonial. The items covered under this specification with stock numbers are as follows:
- i. 2440 Belt, Ceremonial / Ceinture de cérémonie;
  - ii. 2441-004 Belt, Ceremonial, Special / Ceinture de cérémonie, tailles spéciales.
- 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 Belt, Ceremonial.
- 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 RCMP, G.S.1045-115, Cloth, Wool, Polyester, 237 g/m<sup>2</sup>.
- 2.3 RCMP, G.S.1045-256, Buckle, Ceremonial Belt.
- 2.4 A-A-59826A, Thread, Nylon.
- 2.5 ASTM, American Society for Testing and Materials, Method D5169-98 (2015) and D5170-98 (2015).

**3. General Requirements**

- 3.1 The article or material covered by this specification shall be free from material and manufacturing defects that 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** - Belt, Ceremonial is designed to be used with Buckle, Ceremonial Belt. The belt shall be constructed of Wool/Poly twill cloth, cellophane lace, reconstituted leather interlining and hook and loop tape fastener.

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

##### 4.1 **Components**

- 4.1.1 **Shell Material** – The shell material is RCMP stock item number 9100-000, Cloth, Wool/Polyester, Blue Serge and shall be purchased from the RCMP.
- 4.1.2 **Lace** – The lace shall be 1.27 cm  $\pm$  0.2 wide gold cellophane as per the viewing sample.
- 4.1.3 **Fusible** – The fusible interlining shall be 100% polyester with a mass of 46 g/m<sup>2</sup>  $\pm$  5 g/m<sup>2</sup>. It shall be black or grey in colour.
- 4.1.4 **Interlining** – The interlining shall be reconstituted leather material made from chrome tanned leather fibres with a minimum thickness of 0.85 mm and a maximum thickness of 1.2 mm. The density shall be 0.89 g/cm<sup>3</sup> and equal in stiffness and flexibility to the viewing sample.
- 4.1.5 **Hook and Loop Tape** – The hook and loop tape shall be nylon, 2.5 cm (1") wide, 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 (2015), 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.
- 4.1.6 **Thread** – The thread shall be Class A Type II, size "E" (Tex 70) of matching colour meeting the requirements of A-A-59826A.
- 4.2 **Dimensions** – The belt, ceremonial to this specification shall be supplied in the sizes specified by the RCMP and to the dimensions given in the scale of measurements and drawings forming part of this specification.

### 4.3 **Construction**

4.3.1 **Cutting** – The cutting of the shell material for the belts shall be right side up with the “Z” (right hand) twill line facing up.

4.3.2 **Stitching & Seams** – Using the specified thread, there shall be not less than 3 and no more than 4 stitches per cm. All stitching shall be plain stitch. The beginning and ending of all stitching shall be securely backstitched and tacked unless secured by other stitching. Where seaming, turning and stitching is required the edges shall be properly worked out before stitching.

#### 4.3.3 **Belt**

4.3.3.1 **Belt, Fusing** – Each layer of shell material shall be fused with fusing material specified in para. 4.1.3 on the back side of the material.

4.3.3.2 **Belt, Top Layer** – The interlining specified in para. 4.1.4 shall be cut 3.9 cm  $\pm$  0.2 cm wide by the length of the belt as specified in the scale of measurements. The top layer of prepared shell material shall be folded around the piece of cut interlining. There shall be two rows of lace specified in para. 4.1.2 stitched to the top layer through the interlining along each edge using 1.5 mm gauge. There shall be two additional rows of topstitching to the centre of each row of lace spaced 3 mm apart as per drawing #1.

4.3.3.3 **Belt, Lining Layer** – The lining layer of prepared shell material shall be folded to fit the top layer of the belt. There shall be hook and loop tape as specified in para. 4.1.5, cut and positioned as per drawing #1.

4.3.3.4 **Keepers** – The keepers shall be constructed of lace specified in para. 4.1.2. They shall be dimensioned to fit round the belt including the end of the belt once folded over.

4.3.3.5 **Final Assembly** – The top layer and bottom layer shall be stitched together with ends folded neatly with no puckering or extra thickness. The finished belt shall be no more than 3.8 mm in thickness and the width shall be 4 cm  $\pm$  0.2 cm as per drawing #1. The belt shall be shaped and dimensioned as per the scale of measurements and the viewing sample.

4.3.4 **Marking** – Each belt shall have a durable label positioned and sewn to the lining layer of the belt as shown in drawing 1. The text shall be permanent inks of a

contrasting colour and shall withstand the life of the garment with no apparent change in appearance. All text except for the RCMP stock number shall be in size 6 font. The RCMP stock number shall appear in size 8 font. The manufacturer's identification shall not appear anywhere on the garment except where indicated on the label. The label shall contain 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 - reference contract documents. (Ex. 2440 000)
4. Size and height group of the article, combining the size designation referenced in the English and French contract documents. (Ex. Large/Grand).
5. Date of manufacture, in numeric format year/month (Ex. 2001/11)
6. Manufacturer identification (Company name or number).

## 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 RCMP Uniform and Equipment Program that the material and services being supplied conform to this specification. This may be accomplished by performing the tests indicated in this specification or by demonstrating to the satisfaction of the RCMP Uniform and Equipment Program that specified manufacturing standards have been met. The contractor shall use any independent, North American ISO 9001 certified and ISO 17025 "Textile" certified testing facilities. CTT Group Inc. is known to meet this requirement.
- 5.2 The RCMP Uniform and Equipment Program reserves the right to perform any inspection considered necessary to ensure that material and services conform to the specified requirements. For the purpose of inspection, a portion of each delivery may be put to tests that could destroy the articles. No portion shall exceed two percent or two out of any delivery under 100 articles. If found to be inferior or not in accordance with this specification, all destroyed articles shall be replaced by others of proper quality and pattern at the expense of the contractor. The entire delivery may also be rejected if 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.

**SCALE OF MEASUREMENTS FOR BELT, CEREMONIAL**

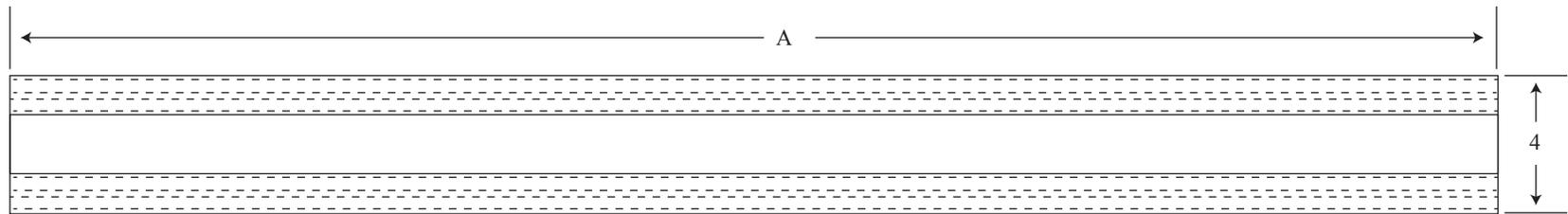
Size Designation	Dimensions	
	Waist Measurement	Overall Length of Belt
X-Small	53 – 71	86
Small	71 – 89	104
Medium	89 – 107	122
Large	107 – 125	140
X-Large	125 – 143	158
TOLERANCES ±		2 cm
MEASUREMENT LOCATION		A

**Note:** The overall length measurement of the belt refers to the total length of the belt when the keepers are removed, the hook and loop fastener undone and the belt is laid flat. All dimensions are in centimeters unless otherwise indicated.

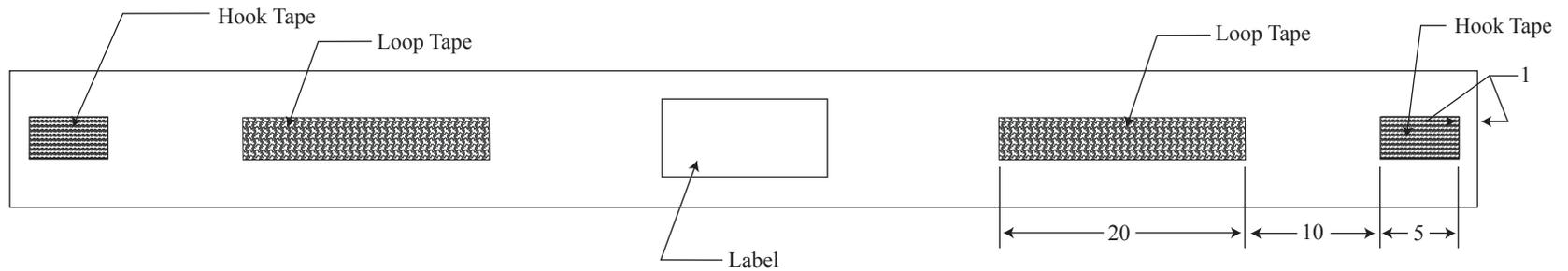
BELT, CEREMONIAL

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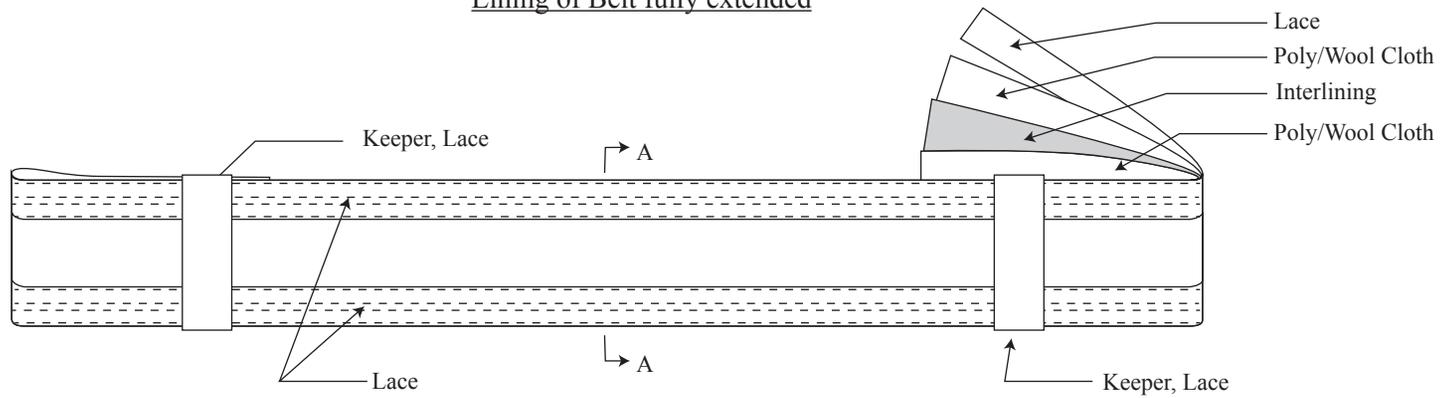
Dwg. 1



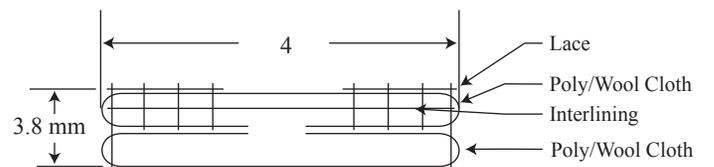
Top of Belt fully extended



Lining of Belt fully extended



Detail of Belt Layers



Section A-A

All Measurements in Centimeters

Unless otherwise stated all measurements are subject to  $\pm 0.2$  cm tolerances

NOT TO SCALE