



Royal Canadian Mounted Police
Gendarmerie royale du Canada

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Specification

Socks, Athletic, Tube

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.



Modifications

Date	Para. No's	Modifications
2009-06-08		New Specification
2017-04-28		Revised Specification

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
Uniform and 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

SOCKS, ATHLETIC, TUBE

1. Definition

- 1.1 This specification shall govern the manufacture and inspection of Socks, Athletic, Tube. The specific item covered under this specification with stock number is as follows:
 - i. 6480-500 Socks, Athletic, Tube/Chaussettes tubes de sport
- 1.2 This specification, drawing, viewing sample 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 Socks, Athletic, Tube.
- 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; 14-2005.
- 2.3 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 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** - Socks, Athletic, Tube shall be a calf length, tube sock, knit with an elastic cuff. It shall be designed in accordance with the attached drawing forming part of this specification and viewing sample.

4. **Detail Requirements**

4.1 **Components**

- 4.1.1 **Yarn** – The fibre content of the finished sock shall be as per the values in Table I. All yarns listed below shall be used in the construction and shall be as follows:

4.1.1.1 Poly/cotton pre-dyed optical white; 1/24cc, 50/50pc, ring spun combed and,

4.1.1.2 Nylon/spandex natural white; 1/70 stretch nylon air tacked with 20 denier spandex and,

4.1.1.3 Elastic spandex; spandex 180 double covered with 1/70 nylon natural white.

- 4.2 **Size and Dimensions** - Socks, Athletic Tube shall come in one size, regular. The regular size relaxed flat length shall measure 42cm \pm 1.5cm. The sock dimensions are specified in drawing #1. Care shall be taken to ensure pairs of socks are carefully matched in length.

- 4.3 **Knit Construction** – The sock shall be knit in a tubular pattern to the length as specified above using the information below.

4.3.1 **Cuff** - The construction of the cuff shall be a 3 by 1 mock rib, double welt with the elastic spandex specified in para. 4.1.1.3 laid in every course. The yarn shall be 3 plies of the yarn specified in para. 4.1.1.1, and 1 ply of the yarn specified in para. 4.1.1.2.

4.3.2 **Leg** - The construction of the leg shall be a 3 by 1 mock rib with the elastic spandex specified in para. 4.1.1.3 laid in every course. The yarn shall be 4 plies of the yarn specified in para. 4.1.1.1, and 1 ply of the yarn specified in para. 4.1.1.2.

4.3.3 **Foot** - The construction of the foot shall be a flat knit with full terry. The yarn shall be 3 plies of the yarn specified in para. 4.1.1.1, and 1 ply of the yarn specified in para. 4.1.1.2.

- 4.3.4 **Toe Closing** - The toes shall be closed by either an automatic toe closing system on the sock knitting machine, or on a Rosso toe closing machine. The seam shall be finished in such a way that the seam is smooth, flat, and non-abrasive, ensuring that the toe seam does not create a raised edge visible on the exterior of the sock when worn. Toe closing thread colour shall match the sock colour.
- 4.4 **Marking** - Each pair of socks shall be legibly marked in accordance with good commercial practice. Sticker or cardboard sleeves, hand tags or stamped labels are some examples of acceptable labelling methods. The label information outlined below should be clearly indicated in a font no less than size 6:
1. Item name as written in English: Socks, Athletic, Tube
 2. Item name as written in French: Chaussettes tubes de sport
 3. RCMP Stock Number: 6480-500
 4. Size in both English and French: using size designation referenced in contract documents.
 5. Manufacturer identification: Company name or number
 6. Date of manufacture, in numeric format year/month (Ex. 2016/05)
- 4.5 **Cleaning Instructions Label** – Each pair of socks shall be labeled with cleaning instructions in English and French as per CAN/CGSB-86.1-2003 Care Labelling of Textiles specified in para. 2.3. The use of cleaning symbols is acceptable as a replacement to text. The information may be added to the sock directly or to the marking label in para. 4.4.

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 shall be accomplished by performing the tests specified in this specification or by demonstrating to the satisfaction of the RCMP, Uniform and Equipment Program that conformity to this specification of manufacturing processes is assured. The contractor must use any independent, North American, ISO 9001 certified and ISO 17025 “Textile” certified testing facilities.
- 5.2 The RCMP, Uniform and 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.

- 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.

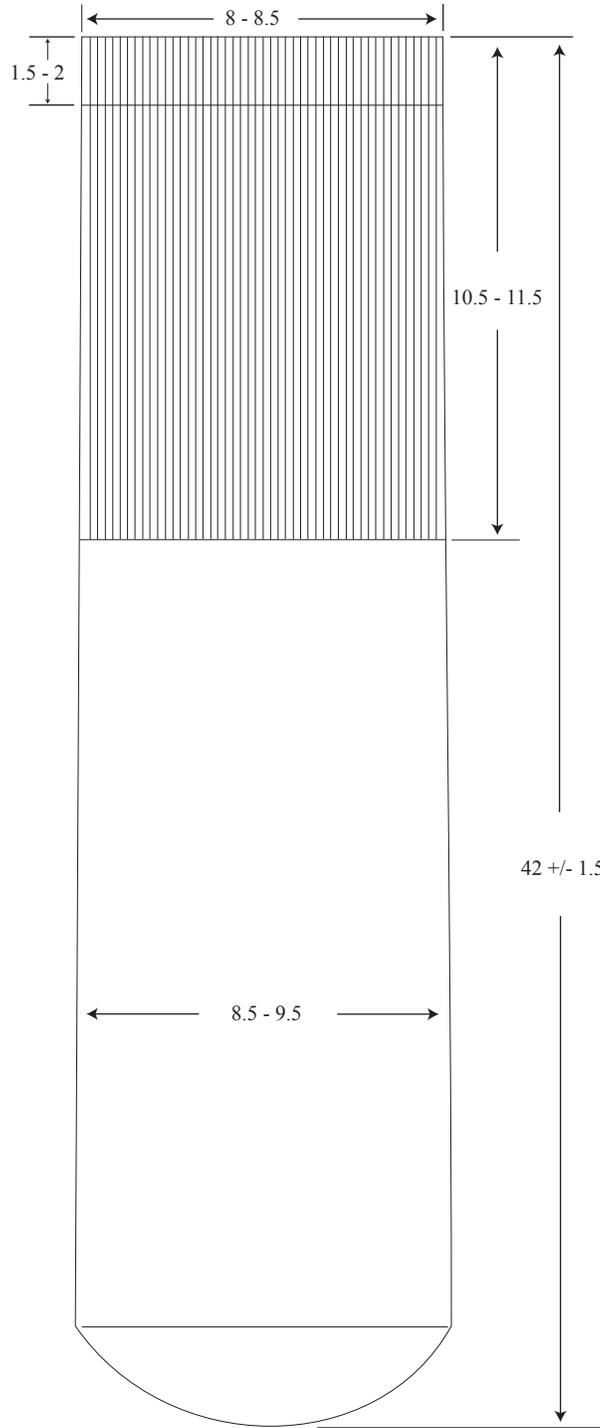
TABLE I
Sock Properties

	Test	Duration/Conditions	Requirement	Test Method
1	Fibre Content	Test shall be performed on FINISHED sock, not yarn.	Cotton = 45% Polyester = 45% Nylon = 9% Spandex = 1% Tolerance for all values is +/- 10%	<ul style="list-style-type: none">• CAN/CGSB-4.2 No. 14-2005

Drawing # 1

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Socks, Athletic, Tube



NOT TO SCALE

All measurements are shown in centimeters.