



Royal Canadian Mounted Police
Gendarmerie royale du Canada

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Specification

Socks, Light, Weight, Blue

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 governs.

It may be obtained from:

Royal Canadian Mounted Police
ATTN: Uniform and Equipment Program
(440 Coventry Road, Warehouse Building)
73 Leikin Drive
Ottawa, Ontario
K1A 0R2

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

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

SPECIFICATION

SOCKS, LIGHT WEIGHT, BLUE

1. Definitions

- 1.1 This specification governs the manufacture and inspection of Socks, Light Weight, Blue. The specific item covered under this specification with stock number is as follows:
- i. 6475 - Socks, Light Weight, Blue / Chaussettes, légères, bleues
- 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, Light Weight, Blue.
- 1.4 This specification has been translated into French from this original English language document.

2. Applicable Documents

- 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 American Association of Textile Chemists and Colorists
AATCC Test Method 8-2016 Colorfastness to Crocking: Crockmeter Method
AATCC Test Method 20A-2017 Fiber Analysis: Quantitative
- 2.3 Canadian General Standards Board
CAN/CGSB-4.2 No.19.1-2004 (R2013) Colourfastness to washing – Accelerated test – Launder-Ometer
CAN/CGSB-4.2 No.22-2004 (R2013) Colourfastness to rubbing (Crocking)
CAN/CGSB-4.2 No.23-M90 (R2013) Colourfastness to perspiration
CAN/CGSB 86.1-2003 Care Labelling of Textiles
- 2.4 International Standards Organization

ISO 105-E-04:2013 Textiles – Tests for colour fastness – Colour fastness to perspiration

3. **General Requirements**

- 3.1 The article or material covered by this specification must 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 must be equivalent in all respects to the viewing sample.
- 3.2 **Design** – Socks, Light Weight, Blue to this specification must be made in accordance with the drawing attached and forming part of this specification, and the viewing sample.

4. **Detail Requirements**

4.1 **Components**

- 4.1.1 **Yarn** – The yarn must be a blend of 80-90% merino wool less than 24 microns and 10-20% staple nylon, worsted spun plaited over a stretch nylon. The yarn must be navy blue in colour to match the viewing sample. The yarn must be pre-washed and pre-shrunk as per good commercial practice.

- 4.2 **Dimensions** – Socks, Light Weight, Blue to this specification must be made to the dimensions given in the scale of measurements and the drawings.

4.3 **Construction**

- 4.3.1 **Knitting** – The cuff shall be 1x1 rib, the leg and top of foot must be 2x1 rib. The sole shall be plain knit. Spandex must be laid in every other course of the cuff and leg.
- 4.3.2 **Closing** – The toes must be closed by auto flat seam or on a Rosso sewing machine. Closing thread colour must match the sock colour.
- 4.3.3 **Marking** – Each pair of socks must be legibly marked in accordance with good commercial practice, with the following information in English and French:
1. Item name as per para. 1.1 in English and French

2. RCMP Stock number (Ex. 6475-000)
3. Manufacturer's Identification
4. Date of manufacture, in numeric format year/month (Ex. 2001/11)
5. Size

4.3.4 **Cleaning Instructions Label** – The label must be completed in accordance with the manufactures recommended cleaning instructions in English and French. The use of cleaning symbols as per CAN/CGSB 86.1-2003 is acceptable as replacement to text.

Note: The manufacturers identification must not appear anywhere on the garment except on the garment label as indicated.

5. **Quality Assurance Provisions**

5.1 **Responsibility for Inspection** – Unless otherwise stipulated in the contract, it is the Contractor's responsibility to satisfy the RCMP, Uniform and Equipment Program that the components and material being supplied conform to this specification. This must 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 an independent, commercial testing establishment.

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 made 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.

Scale of Measurements - Socks, Light Weight, Blue

Size	Sock Length	Foot Length	Foot Width	Heel Width	Weight per Pair in grams
7-9	26	23	8.5	10	46
10-12	28	25	9	10.5	52
13-14	30	28	9	11	58
Measurement Location in Drawing 1	A	B	C	D	-
Tolerances \pm	1.5 cm	1 cm	0.5 cm	0.5 cm	8 g

Note: All measurements are in centimetres unless specified

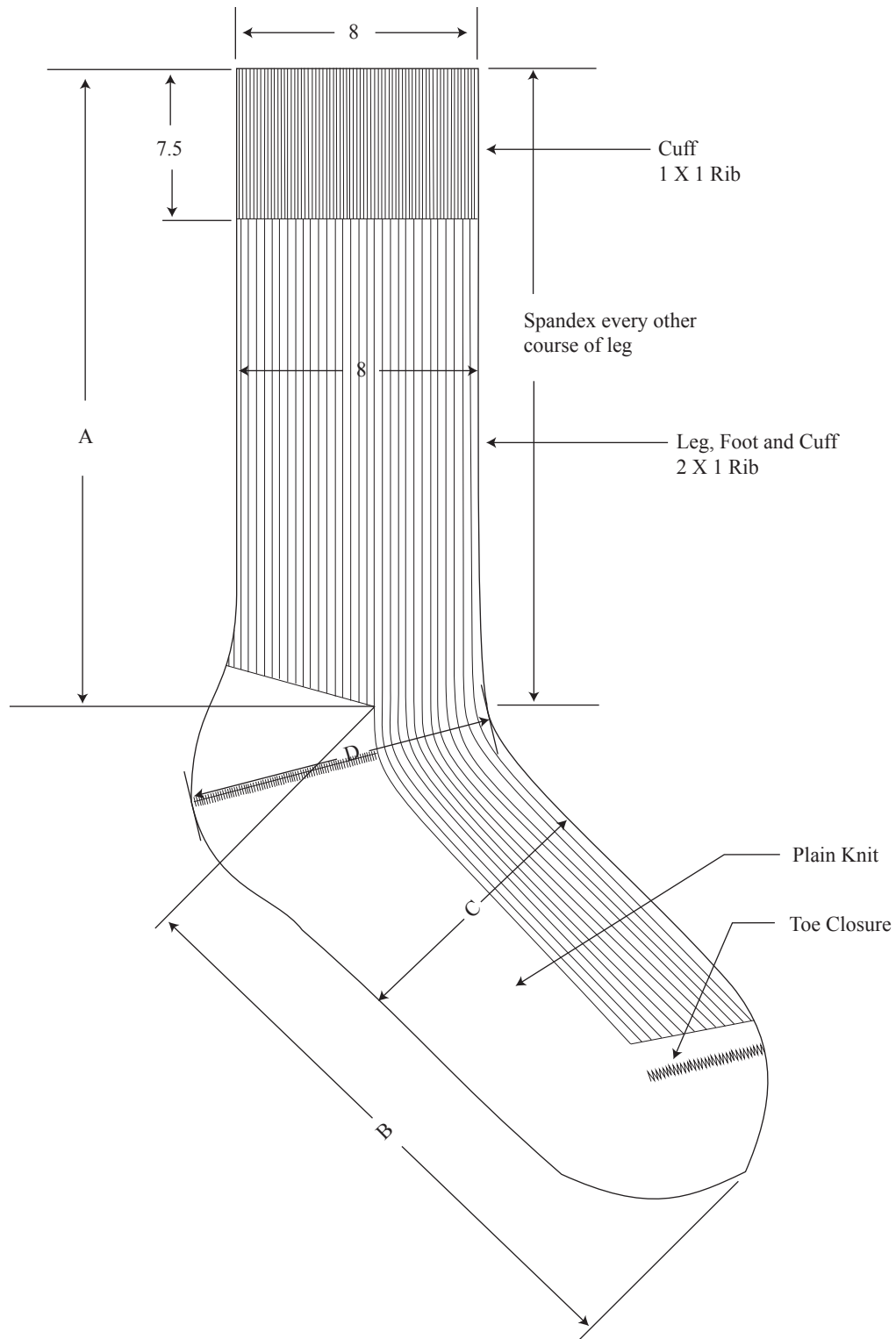
TABLE I
Yarn Properties

	TEST	RCMP REQUIREMENTS		Test Method
1	Colour	Navy to match colour swatch		<ul style="list-style-type: none"> Visual inspection
2	Yarn Fibre Content	80-90% Wool 10-20% Nylon		<ul style="list-style-type: none"> AATCC Test Method 20A-2017 Must be tested on yarn sample, not finished sock
3	Colourfastness to Washing	Colour change	Grade 4 or better	<ul style="list-style-type: none"> CAN/CGSB-4.2 No.19.1-2004 (R2013) <i>Test No. 5</i>
		Staining	Grade 3-4 or better	
4	Colourfastness to Crocking	Dry	Grade 4 or better	<ul style="list-style-type: none"> CAN/CGSB-4.2 No.22-2004 (R2013) AATCC Test Method 8-2016 Use AATCC Gray Scale for Staining (EP2)
		Wet	Grade 3-4 or better	
5	Colourfastness to Perspiration	Colour change	Grade 4 or better	<ul style="list-style-type: none"> CAN/CGSB-4.2 No.23-M90 (R2013) ISO 105-E04:2013
		Staining	Grade 3-4 or better	

Drawing 1

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Socks, Light Weight, Blue



NOT TO SCALE

All measurements are shown in centimeters.

± 0.5 cm tolerance acceptable unless otherwise indicated.