



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 shall govern.

It may be obtained from:

Royal Canadian Mounted Police
ATTN: 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, LIGHT WEIGHT, BLUE

1. Definitions

- 1.1 This specification shall govern 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, Léger, Bleu
- 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 Specification

- 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, 19.1-2004 (R2013), 22-2004 (R2013), 23-M90 (R2013)
- 2.3 ISO, International Standards Organization Textile Test Methods; ISO 105-E-04:2013
- 2.4 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, Light Weight, Blue to this specification shall 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 shall 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 shall be navy blue in colour to match the viewing sample. The yarn shall be pre-washed and pre-shrunk as per good commercial practice.

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

4.3 **Construction**

- 4.3.1 **Knitting** – The cuff shall be 1x1 rib, the leg and top of foot shall be 2x1 rib. The sole shall be plain knit. Spandex shall be laid in every other course of the cuff and leg.

- 4.3.2 **Closing** – The toes shall be closed by auto flat seam or on a Rosso sewing machine. Closing thread colour is to match the sock colour.

- 4.3.3 **Marking** – Each pair of socks shall 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
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 shall 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 shall 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 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 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 shall use and independent, North American, ISO 9001 certified and ISO 17025 “Textile” certified testing facilities. Note CTT Group Inc., Quebec, 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 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	A	B	C	D	-
Tolerances \pm	1.5 cm	1 cm	0.5 cm	0.5 cm	8 g

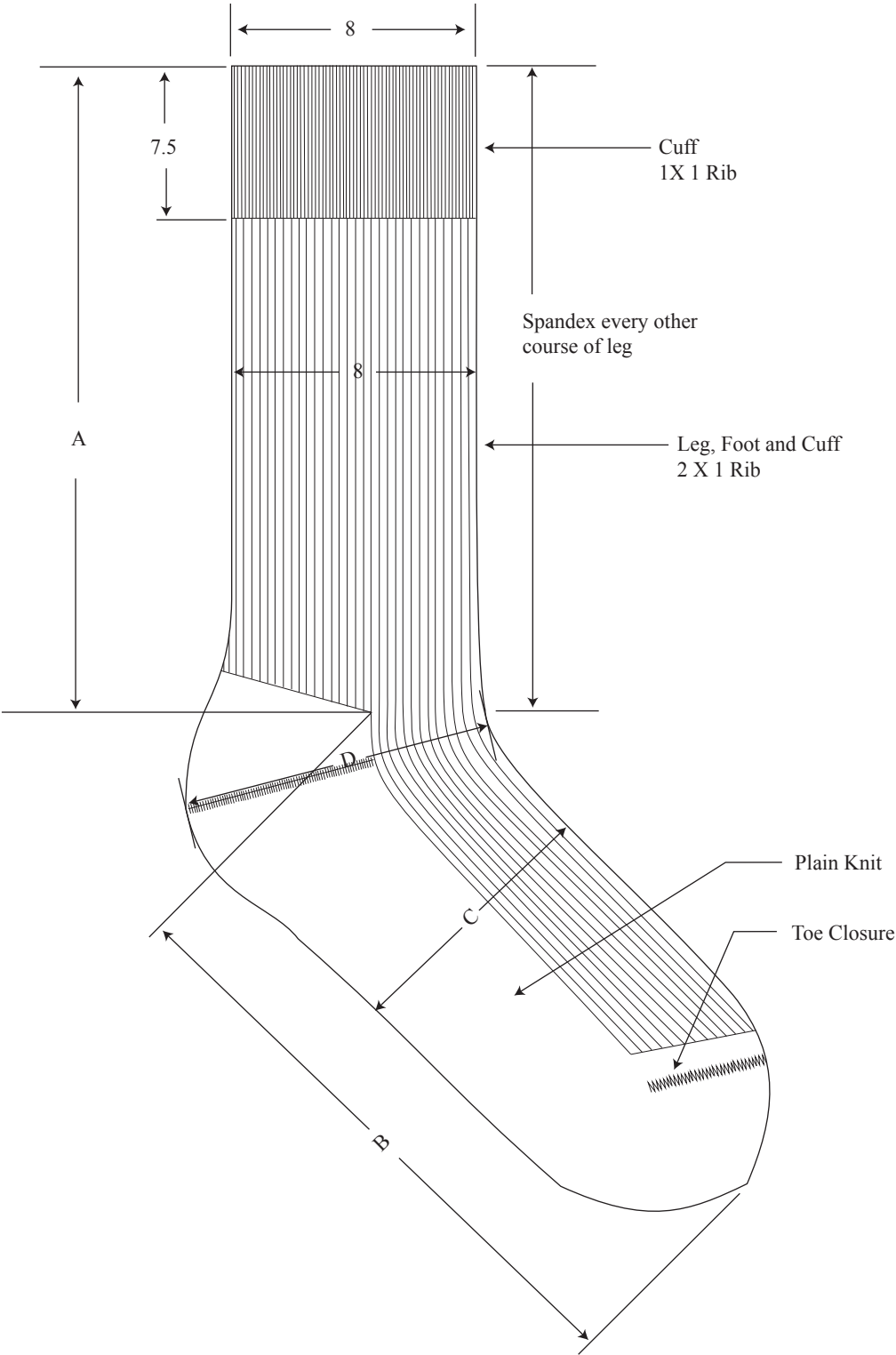
TABLE I
Yarn Properties

	TEST	RCMP REQUIREMENTS	Test Method
1	Colour	Navy	<ul style="list-style-type: none"> • Visual inspection
2	Yarn Fibre Content (to be tested on yarn sample, not finished sock)	80-90% Wool 10-20% Nylon	<ul style="list-style-type: none"> • CAN/CGSB 4.2 Method 14-2005
3	Colourfastness – To Laundering (cool wash 30°C)	Colour change: Grade 4 or better Staining: Grade 3-4 or better	<ul style="list-style-type: none"> • CAN/CGSB-4.2 Method 19.1-2004 (R2013) Test No. 5
4	Colourfastness – To Crocking	Dry: Grade 4 or better Wet: Grade 3-4 or better	<ul style="list-style-type: none"> • CAN/CGSB-4.2 Method 22-2004 (R2013)
5	Colourfastness – To Perspiration	Colour change: Grade 4 or better Staining: Grade 3-4 or better	<ul style="list-style-type: none"> • CAN/CGSB-4.2 Method 23-M90 (R2013) • ISO 105-E04:2013

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.