



Royal Canadian Mounted Police
Gendarmerie royale du Canada

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Specification

Holder, Mini-Flashlight, Leather

This document has 9 pages including the drawings.

This document was created in English.

The document is available in English and French.

English/Anglaise
Française/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

HOLDER, MINI-FLASHLIGHT, LEATHER

1. Definitions

- 1.1 This specification shall govern the manufacture and inspection of Holder, Mini-Flashlight, Leather. The specific stock number for this item is as follows:
 - i. 3490106 - Holder, Mini-Flashlight, Leather
- 1.2 This specification, drawing, viewing sample, 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 Holder, Mini-Flashlight, Leather.

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 ASTM D6075-13 Standard Test Method for Cracking Resistance of Leather.
- 2.3 ASTM D5053-03 Standard Test Method for Colorfastness of Crocking of Leather [2009].
- 2.4 ASTM D2210-00 [2012]. Standard Test Method for Grain Crack and Extension of Leather by the Mullen Test
- 2.5 Federal Standard A-A-59826, Thread, Nylon.

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** - The Holder, Mini-Flashlight, Leather is designed to carry an R.C.M.P. approved mini-flashlight, and shall be secured with a flap, material to be leather.

- 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 **Leather** - The leather shall be tanned from fresh or cured packer steer hides. Dry hides shall not be used. The finished leather shall be thoroughly tanned and be firm, tight fibred and mellow. Loose or pipy leather will not be accepted. The leather shall be rated 'good' when tested for crocking (ASTM 5053-03 [2009]). The leather shall show no signs of cracking when tested using a mandrel of 11 mm diameter (ASTM D6075-13). The leather grain crack index shall be 25psi minimum (ASTM D2210-00 [2012]) when RH is 65%. All leather items shall be dip dyed in a medium gloss black penetrating dye and sprayed with a black tinted acrylic protective coating for water resistance and lustre.

Certificate of Compliance required.

4.1.2 **Thread** - The thread shall be twisted multifilament bonded nylon, left twist, tex 135, Type II, Class A, size FF, with a minimum breaking strength of 17.5 pounds in accordance with U.S. government standard A-A-59826 , black in color. Bonded polyester may be substituted for nylon provided the other general performance requirements are met.

Certificate of Compliance required.

4.1.3 **Dome Fastener, Brass** – Solid brass dome fastener, firm action, as per viewing sample.

4.1.4 **Dome Fastener, Brass, "Pull-the-Dot"** – Solid or nicked brass dome fastener, "Pull-the-dot" design, firm action, as per viewing sample.

4.2 **Size and Dimensions** – Holder, Mini-Flashlight, Leather to this specification shall be supplied in the shape and dimensions given in the attached drawing, forming part of this specification and the viewing sample. It must fit on an approved 55 mm wide RCMP leather duty belt.

4.3 **Construction**

- 4.3.1 **Stitching** - The loose thread ends shall be trimmed off close to the leather. Burning or ‘flaming off’ the thread ends will not be permitted. The beginning and ending of all stitching shall be securely backstitch tacked unless secured by other stitching. There shall be not less than two nor more than three stitches per centimetre. The stitching shall be lock-stitch using the thread specified in para. 4.1.2.
- 4.3.2 **Cutting** - The component leather parts of the Holder, Mini-Flashlight, Leather, shall be cut from the leather specified in para. 4.1.1. The pattern dimensions for all components shall be strictly in accordance with the applicable drawings. Care shall be taken to see that the best part of the leather is cut into the holder. Loose or pipy leather will not be accepted.
- 4.3.3 **Sealing** - All open flesh parts of the leather shall be sealed with “Super Clear Lacquer”.
- 4.3.4 **Bevelling** – The holder leather edges shall be bevelled to a width of 1 mm with a plus tolerance of 0.5 mm.
- 4.3.5 **Edge Finishing** - All edges shall be stained and filled with a wax type of matching black edging ink and then burnished to a solid smooth and durable edge. Lacquer or varnish type edge finishes shall not be used.
- 4.3.6 **Construction Requirements** - The mini-flashlight holder shall be constructed of the material listed in para. 4.1.1. The leather shall be not less than 3mm thick. The holder shall secure to the duty belt using a solid brass or nickelled brass dome with “Pull-the-Dot” fastener. Flashlights shall be retained in the holder by means of a dome fastener secured flap. The holder and all components used in its construction shall function correctly and appropriately for the purpose they were made.
- 4.3.7 **Finish** – The Holder, Mini-Flashlight, Leather shall have an embossed pattern known as ‘basket weave’ as per the viewing sample.
- 4.3.8 **Marking** - The Holder, Mini-Flashlight, Leather shall have the manufacturer’s identification, the date of manufacturer (YYYY/MM/DD) and the RCMP stock number, MMR#3490106, legibly stamped on the body side of the holder or otherwise indicated such as by a permanent label affixed by stitching to the body of the holder.

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 & 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 & 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 RCMP, Uniform & Equipment Program.
- 5.2 The RCMP, 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 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.

Appendix A

Certification and Evaluation Criteria

Certification of compliance: A Certificate of Compliance is defined, for this document, as a signed and dated certification to confirm that a specified component (e.g. slide fastener, hook and loop, webbing, thread etc.) or requirement adheres to the specification. The certification must be prepared, signed and dated by an official representative of the component manufacturer using company letterhead making reference to the specification number and paragraph number. It must specifically address the component or requirement and compliance can be shown by referring to a part number, by providing the component values, by providing a manufacturing data sheet to show technical compliance or by a description stating compliance to the requirement. In-house testing is acceptable to show compliance. Copying the specification word for word is not acceptable.

A separate certificate of compliance is required for each individual component or requirement. Multiple components supplied by the same component manufacturer may be submitted on one certificate of compliance as long as the paragraph numbers and components are clearly identified. With this document, the bidder certifies that the product for which the certificate of compliance is issued is the same product used in the bid submission, or in the pre-award samples or in the pre-production samples, or in the production units as applicable.

The Bidder is to note that copies of invoices, purchase orders, packing slips and certificates of compliance for products or components that are not manufactured by the certifier are not suitable for use as a certificate of compliance.

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

Certification and Evaluation Criteria

Para. Title/Test	Certification of Compliance	Test Report	Pass/Fail
Leather requirements (Para. 4.1.1)	Required		
Thread requirement (Para. 4.1.2)	Required		