



# Hat, Fur, Unisex

## Purchase Description



File no. CBSA/ASFC-2013-04-119  
Date of issue: 2013-07-24

**PURCHASE DESCRIPTION**

**WINTER FUR HAT, UNISEX**

**1. SCOPE**

This purchase description describes the requirements for materials, design construction and inspection of a Yukon Style, Unisex Fur Hat, for use by Border Service Officers (BSO) within the Canada Border Services Agency (CBSA).

**2. GENERAL REQUIREMENTS**

- 2.1 DESIGN** - The Winter Fur Hat is a Unisex Yukon Style hat made from a combination of navy blue Nylon (DWR coated), trimmed with genuine brown muskrat fur. The outer shell, crown portion shall consist of six (6) triangle shaped panels. The fur trim portion of the hat is designed to create ear flaps which can be worn down for warmth or folded up and secured by two (2) woven ties. The inside of the hat shall be lined with black nylon quilted lining.
- 2.2** All articles or materials covered by this purchase description shall be free from imperfections or blemishes such as may affect its appearance or serviceability.

In the event of any inconsistency in the contract documents, purchase description, drawings, or sealed samples. The aforementioned shall prevail in the following order:

- I) Contract
- II) Purchase Description
- III) Drawings
- IV) Sealed Sample

### 3. SEALED SAMPLE

A sealed sample, identified by the purchase description number noted in the contract, will be supplied to the successful tenderer when available. This will constitute the standard in regards to any properties not identified within. Variation from the purchase description may appear in the sample in which case the purchase description shall govern unless otherwise identified on the sealed sample tag.

The sealed sample will be sent "prepaid" and is to be returned "prepaid".

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

### 4. APPLICABLE SPECIFICATIONS

- 4.1. CAN/CGSB, 4.2, Textile Test Methods.
- 4.2. CAN/CGSB 4.131-93, Polyester-Covered Polyester Thread.
- 4.3. ISO 4915:1991, Textiles - Stitch Types.
- 4.4. ISO 4916:1991, Textiles - Seam Types.
- 4.5. CAN/CGSB-86.1-M91, Care Labelling of Textiles.

### 5. DETAILED REQUIREMENTS

#### 5.1. MATERIALS

- 5.2. **Shell Material** - 100% Nylon, with a DWR (Durable Water Repellant) finish. Dark navy blue in colour, equivalent to the sealed sample.
- 5.3. **Fur Trim** -Eastern Canada or New York State Spring Muskrat, No 1 Quality, fully furred. Brown in colour. Only extra-large skins with the belly trimmed off shall be used. The fur trim for each cap shall be cut from 2½ matching skins with the backs centered at each piece. Good appearance and uniformity are

essential. The sides shall smooth towards the front and the centre front piece upwards. The leather side of the pieces shall be coloured, penetrating through to the fur side, all around the edges at a width of 2cm (3/4"). The splitting of skins for the side trim is not permitted.

- 5.4. **Lining Material** - Shall be made from 100% plain weave nylon, weight 52gm<sup>2</sup> (1.5oz/yd<sup>2</sup>), black in colour. The insulated padding shall be white in colour and made from 80% polyester / 20% rayon. The completed lining material after quilting shall have a finished weight of 236g/m<sup>2</sup> (7oz/yd<sup>2</sup>) [or 372g/linear meter] (12oz/linear yd).
- 5.5. **Chin Tie** - Shall be commercially available 100% polyester ribbon, with a chevron style weave, dark navy blue to match the shell material.
- 5.6. **Thread** - Shall be polyester core, polyester wrap R40 Tex, of matching colour to the shell material. Meeting CAN/CGSB4.131-93.
- 5.7. **Snap Fasteners** - The snap fastener shall be a standard type 24 ligne fasteners. All metal parts to be brass with a 15 mm matte black cap. Equal to the sealed sample.
- 5.8. **Sweatband** - 3.2cm (1¼" wide), commercially available black cotton. Equivalent to the sealed sample.

## 6. GENERAL CONSTRUCTION

- 6.1. **Size & Dimensions** - Unisex sizing as specified in the contract documents scales of measurements, and drawings.
- 6.2. **Stitching** - Sewing shall be lock stitch unless otherwise specified. There shall be not less than five stitches per inch with the beginning and ending securely backstitched. The stitches shall be regular and even, free from skipped stitches or other stitching malfunctions that may result from poor machine tension.

## 7. CONSTRUCTION

- 7.1. **Crown** - The crown shall be constructed from material specified in para 5.2. and shall be made from six (6) triangle shaped panels, sewn together and topstitched at using a 1.5mm gauge. The crown shall be fully lined with material as specified 5.4. The completed crown shall be constructed, shaped and dimensioned as per the sealed sample.

- 7.2. **Fur Trim** - The fur as specified in paragraph 5.3 shall be sewn to the crown and finished as per the sealed sample. Care shall be taken that the ear flaps are smooth on both sides. Twisted pleated fur as well as gaps between the peak and flap are not acceptable.
- 7.3. **Ear Flaps** - The hat shall have ear flaps constructed of four (4) pieces; two (2) shell material as specified in para 5.2 and two (2) from fur as specified in para 5.3. The ear flaps shall be shaped in dimensioned as per the sealed sample.
- 7.4. **Front Flap** - The front flap constructed of two (2) pieces, one (1) shell material as specified in para 5.2 and one (1) from fur as specified in para 5.3. The front flap shall secure to the crown with two snap fasteners specified in para 5.7. The completed front flap shall be constructed, shaped and dimensioned as per the sealed sample.
- 7.5. **Chin Ties** - Two (2) chin ties made from material as specified in para 5.5, shall be 1.5cm (5/8") wide x 29cm (10½") long. The chin ties shall be secured in the joining seam of each side flap at the deepest point.

## 8. MARKINGS

The fur hat must be permanently identified with a bilingual label with the information as shown below. The label shall be sewn to the inside left portion attached to the sweatband.

- Size designation
- Fibre content of shell/lining/interlining
- Material Master Number (as specified in the contract documents)
- Manufacturers' Name and Contract #

## 9. TECHNICAL INSPECTION

The contractor shall be responsible for the performance of all inspections and tests necessary to demonstrate that that materiel and services being supplied conform to the requirements of this purchase description. This may be accomplished by performing the test specified in this purchase description or by demonstrating to the satisfaction of the CBSA, Technical Authority that conformity to the purchase description and manufacturing process is assured. The contractor may use any independent, ISO 9001 certified and ISO 17025 "Textile" certified testing facilities acceptable to the CBSA Technical Authority. Certification documents will be required.

The CBSA Technical Authority 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 fewer than 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 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.

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.

#### **10. DELIVERY, PACKING & MARKING OF CONTAINERS**

It is the responsibility of the manufacturer to ensure that goods are packaged in a suitable manner to be delivered in an undamaged condition. Any goods received in a damaged condition will be returned to the manufacturer for replacement at his full cost.

Packing and marking of shipping containers shall be as specified in the invitation to tender.

A packing slip shall be enclosed showing the contents of each shipment.

The contractor shall also identify clearly on the outside of each package (box) the following items

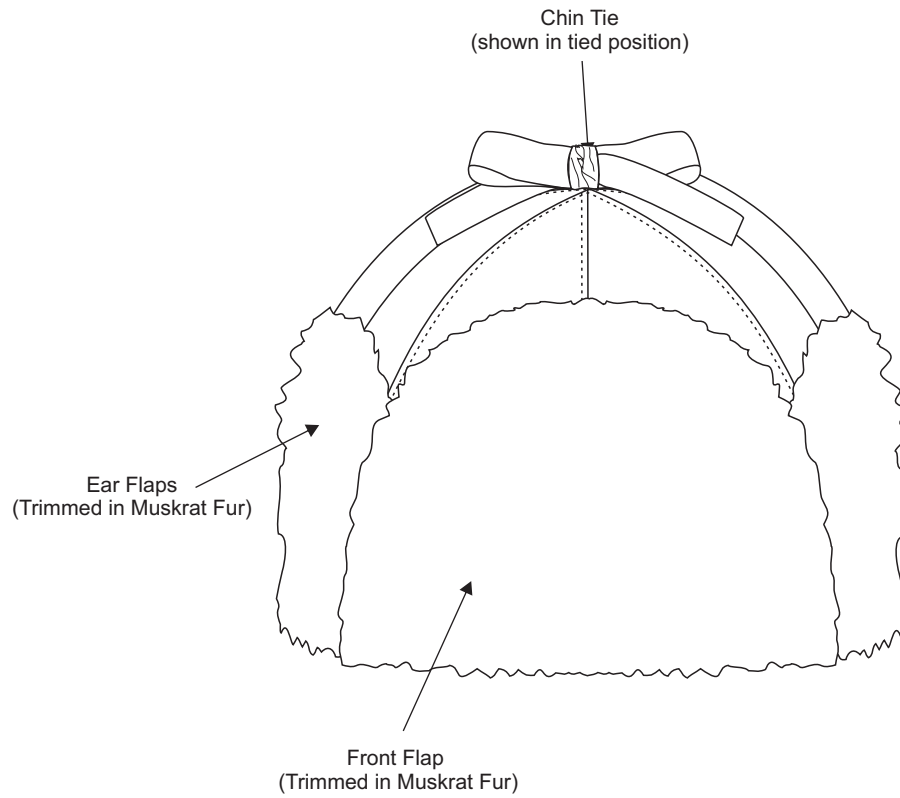
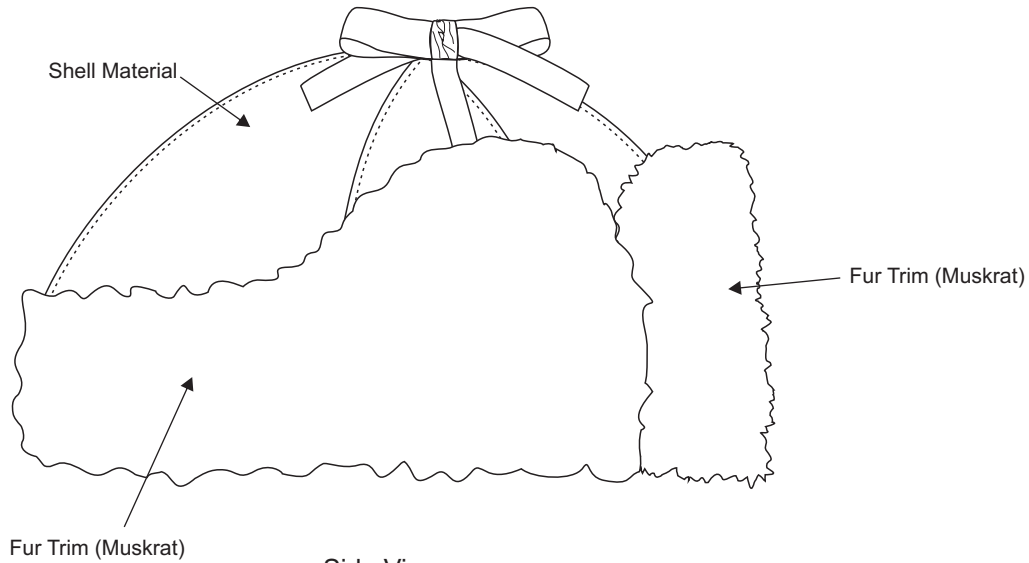
- Size
- Material Master Number
- Quantity of each size contained in the box
- Contract Number

#### **11. APPENDICES**

DRAWINGS - Appendix A

## **MEASUREMENT CHART** **WINTER FUR HAT, UNISEX**

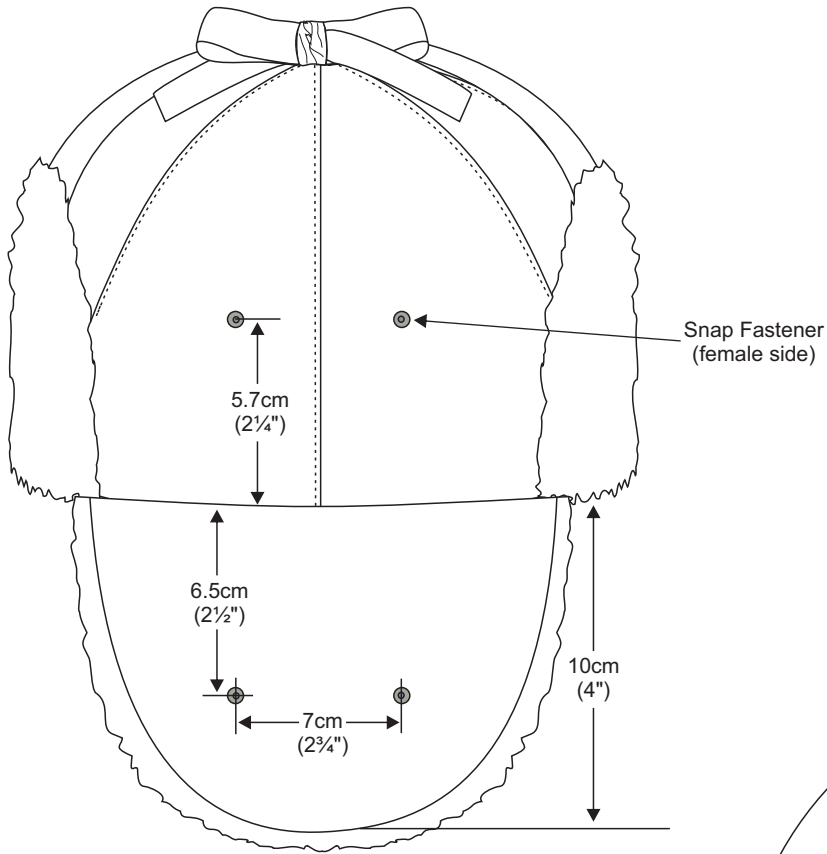
Size	Head Measurement (Girth)		Finished Measurements	
	INCHES	CENTIMETRES	INCHES	CENTIMETRES
6	19	48	19 5/8	50
6 1/8	19 3/8	49	20	51
6 1/4	19 3/4	50	20 1/2	52
6 3/8	20 1/8	51	20 7/8	53
6 1/2	20 1/2	52	21 1/4	54
6 5/8	20 7/8	53	21 5/8	55
6 3/4	21 1/4	54	22	56
6 7/8	21 3/4	55	22 3/8	57
7	22 1/8	56	22 7/8	58
7 1/8	22 1/2	57	23 1/4	59
7 1/4	22 7/8	58	23 5/8	60
7 3/8	23 1/4	59	24	61
7 1/2	23 5/8	60	24 3/8	62
7 5/8	24	61	24 7/8	63
7 3/4	24 1/2	62	25 1/4	64
7 7/8	24 7/8	63	25 5/8	65
8	25 1/4	64	26	66
<b>TOLERANCE +/-</b>			6mm (1/4")	6mm (1/4")



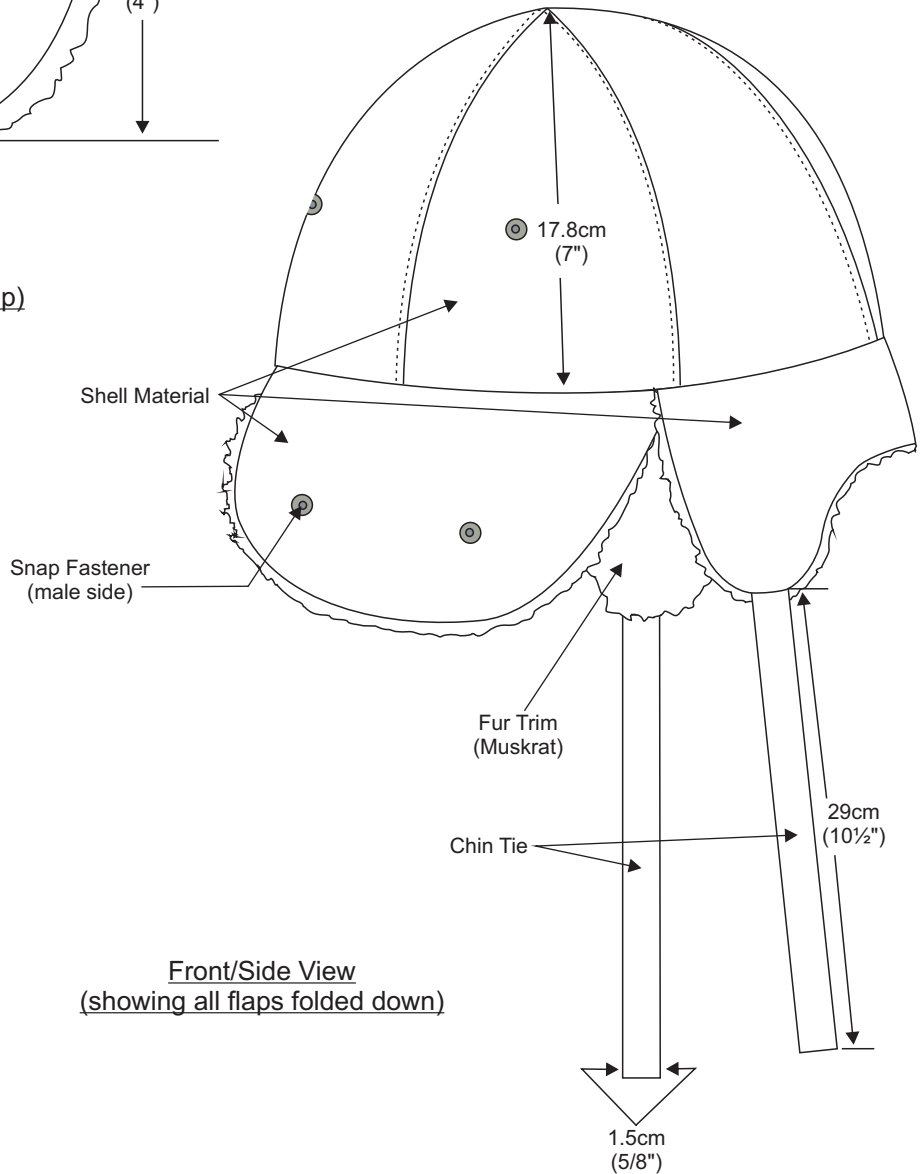
NOT TO SCALE



APPENDIX A  
 Hat, Fur, Winter, Unisex  
 CBSA/ASFC-2013-04-119  
 Dwg. 2

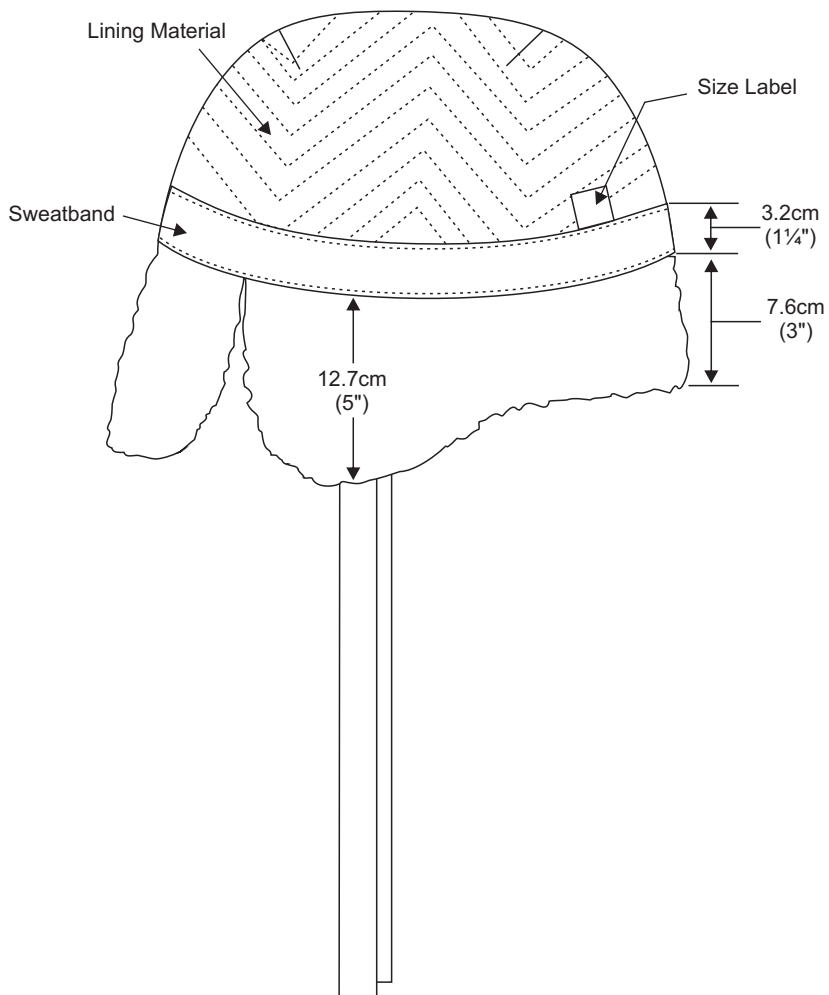


Front View  
 (showing opened front flap)



Front/Side View  
 (showing all flaps folded down)

NOT TO SCALE



Inside View

NOT TO SCALE