

**APPENDIX 1 TO ANNEX B**

**SNIPER SYSTEMS PROJECT**

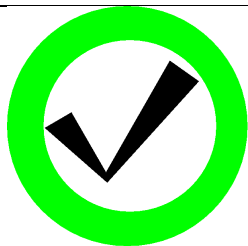
**AMMUNITION POUCHES FOR THE CLOSE COMBAT  
MODULAR FIGHTING RIG - SNIPER**

**TECHNICAL SPECIFICATION**



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**NOTICE**

This documentation has been reviewed by the technical authority and does not contain controlled goods.

**AVIS**

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées.

## **1 INTRODUCTION**

### **1.1 Scope**

1.1.1 This technical specification defines the technical requirements for the four types of ammunition pouches being procured for the Canadian army sniper.

### **1.2 System Overview**

1.2.1 The ammunition pouches must attach to the Close Combat Modular Fighting Rig-Sniper (CCMFR-S) or any other load carrying equipment using Pouch Attachment Ladder System (PALS). Refer to the Annex B Statement of Work (SOW), section 1.2, for additional background information.

1.2.2 The ammunition pouches must allow the snipers to easily carry different types of mission-specific ammunition magazines using Pouch Attachment Ladder System (PALS).

1.2.3 The ammunition pouches must consist of single and double pouches for magazines of different calibres that will be attached on either side of the CCMFR-S or onto the Sniper Rucksack or the Sniper Patrol Pack.

## **2 REQUIREMENTS**

### **2.1 Physical Requirements**

2.1.1 The Ammunition Pouch (AP) shell fabric colour must be Coyote 498 IAW Mil-DTL 32439 or equivalent colour approved by the Technical Authority.

2.1.2 The AP components (such as buckles, fasteners, webbings, grommets, elastic cords, buttons) that are exposed to line of sight must be brown in colour and a close visual match to the AP shell fabric.

2.1.3 The AP hardware that is exposed to line of sight must be of matte finish.

2.1.4 The AP must have a means for water drainage in all of its components.

2.1.5 The AP must securely attach to load carrying equipment using a Pouch Attachment Ladder System (PALS) with two (2) attachment straps.

2.1.6 The dimensions of the magazines that must be carried in the ammunition pouches are shown in Figure 1.

2.1.7 The AP must have primary and secondary retention systems for the magazines to help secure the magazines in the pouch.

### **2.2 Performance Requirements**

2.2.1 The ammunition magazines must remain secure in the AP while the user is performing sniping activities as described in SOW section 1.2.3.

2.2.2 The AP must allow snipers wearing in-service combat gloves (NSN: 8415-20-003-9175) to remove a magazine from the AP in four (4) seconds or less.

2.2.3 The AP fabric must meet all spectral reflectance requirements specified in MIL-DTL-32439, para. 3.7 for Coyote 498.

2.2.4 The AP must be hand washable with commercially available household laundry detergent without causing shrinkage.

2.2.5 The AP must require no special tools to attach/detach it to/from the CCMFR-S or other load carrying equipment.

2.2.6 The .338 magazines must be stored in both the single and double ammunition pouches with the ammunition cartridges facing down (ie follower to the bottom of the pouch).

- 2.2.7 The .50 cal magazines must be stored in both the single and double ammunition pouches with the ammunition cartridge projectile pointing up. (ie follower to the side of the pouch with the wide end of the magazine at the bottom of the ammunition pouch)
- 2.2.8 In both the .338 and .50 cal double ammunition pouches the magazines must be stacked away from the body to minimize consumption of PALS space on the CCMFR-S (ie two magazines are stowed within a single pouch).
- 2.2.9 Double magazine pouch must have a divider in the middle of the pouch to prevent magazines rubbing against each other.
- 2.2.10 In all ammunition pouches when the pouch is closed it must not be possible to see the magazine.

### **2.3 Material and Component Requirements**

- 2.3.1 The AP fabric must be a minimum of 500 Denier, textured, polyurethane coated, high tenacity nylon, Coyote 498 Colour, conforming to MIL-DTL-32439.
- 2.3.2 The buckle(s), if used, must be acetal and side-release type.
- 2.3.3 The webbing must be nylon, textile woven, conforming to MIL-W-17337F Class 2 or A-A-55301 (Mil-W-43668) Type III nylon webbing.
- 2.3.4 The hook and loop fastener tape, if used, must be nylon, plain backed, conforming to A-A-55126B, Type 2 Class 1 for the hook tape, and Class 1 for the loop tape.
- 2.3.5 The buttons, if used, must be nylon, slotted style.
- 2.3.6 The grommets, if used, must be made of brass.

### **2.4 Workmanship**

- 2.4.1 The materials covered by this specification must be free of imperfections or blemishes such as may adversely affect its appearance or serviceability.

### **2.5 Marking Label**

- 2.5.1 The AP must include marking labels conforming to D-80-001-055/SF-001.
- 2.5.2 The labels must be sewn to the components.
- 2.5.3 The labels must not be in plain view and the label must be of a contrasting colour to the ammunition pouch.
- 2.5.4 The labels must include the following information:
  - a. AP Nomenclature;
  - b. NATO Stock Number;
  - c. Contract Number;
  - d. Month and Year of Manufacture, and
  - e. Care instructions consistent with industry commercial standards.
- 2.5.5 The label markings must be in indelible black ink in French and English (Note: DND will provide the translation).
- 2.5.6 The label's location and its final markings must be approved by the DND Technical Authority following Contract Award.

Figure 1 - Magazine Shape and Dimensions

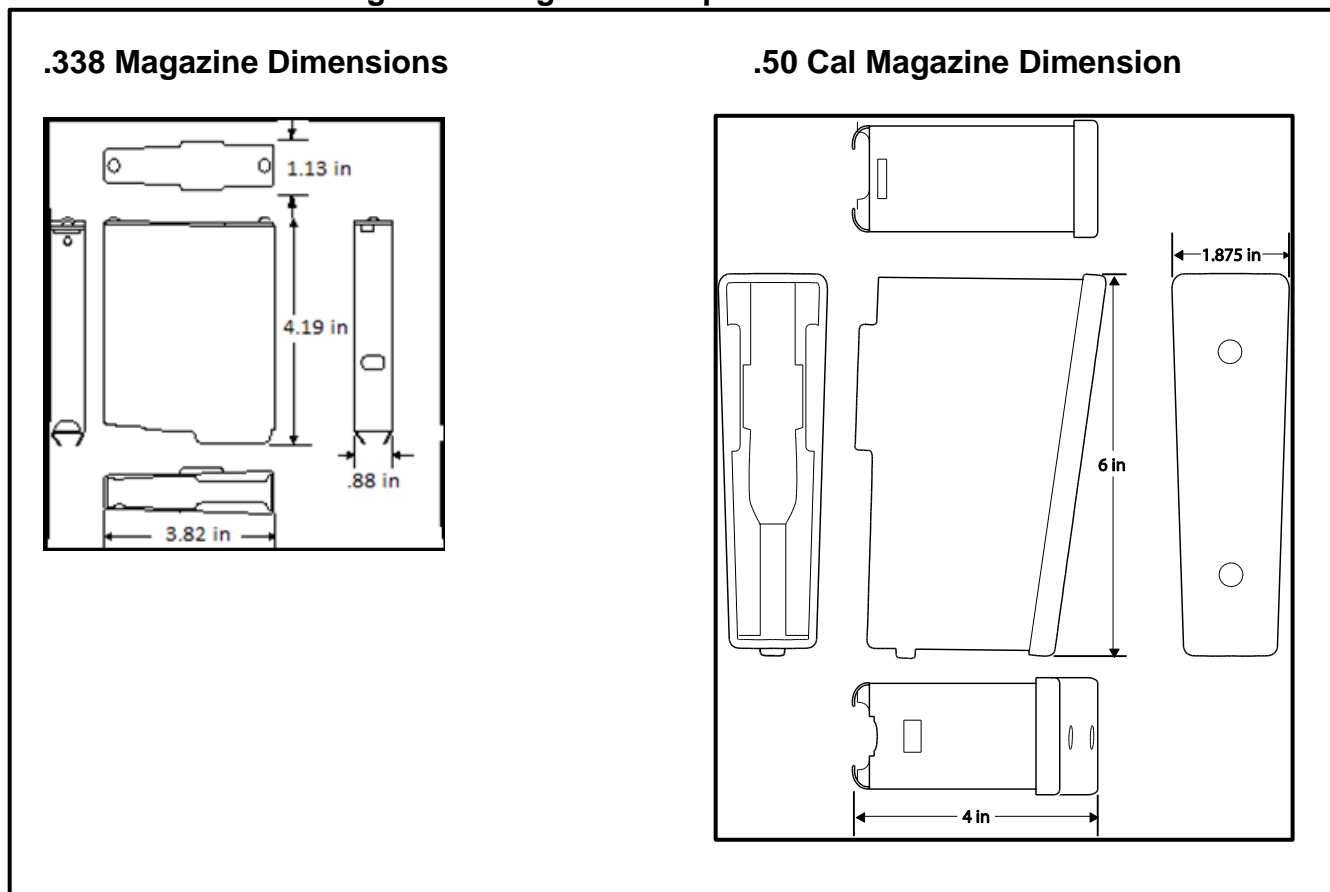


Figure 1 - Magazine Shape and Dimensions