

C-83-15

MIL-F-17619E(NU)

28 October 1981

SUPERSEDING

MIL-F-17619D(SA)

7 January 1975

## MILITARY SPECIFICATION

## FRAME, SERVICE CAP (MAN'S)

This specification is approved for use by the Navy Clothing and Textile Research Facility, and is available for use by all Departments and Agencies of the Department of Defense.

## 1. SCOPE

1.1 Scope - This specification covers the requirements for cap frames, to be worn by male personnel of the Navy and Coast Guard.

\*1.2 Classification - The cap frames shall be procured in the following types, classes, styles, and sizes as specified (see 6.2).

Type I - Frame, with cloth top visor

Class 1 - For Flag Rank Officers

Class 2 - For Captains and Commanders

Type II - Frame, with plastic top visor

Class 1 - With 2 silver buttons (NAVY)

Class 3 - With 2 gold buttons (CG)

Class 4 - With 2 gold buttons (NAVY)

Style A - Front stand with removable crown support wire

Style B - Front stand with non-removable crown support wire

Schedule of sizes

6 1/2	7 1/4
6 5/8	7 3/8
6 3/4	7 1/2
6 7/8	7 5/8
7	7 3/4
7 1/8	7 7/8
	8

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Officer in Charge, Navy Clothing & Textile Research Facility, 21 Strathmore Road, Natick, MA 01760 by using the self-addressed standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

THIS DOCUMENT CONTAINS 37 PAGES. FSC 8405

MIL-F-17619E(NU)

## 2. APPLICABLE DOCUMENTS

\* 2.1 Issues of documents - The following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

## SPECIFICATIONS

## FEDERAL

- L-P-390 - Plastic, Molding and Extrusion Material, Polyethylene and Copolymers (Low, Medium, and High Density)
- V-T-276 - Thread, Cotton
- V-T-295 - Thread, Nylon
- DDD-L-20 - Label; For Clothing, Equipage, and Tentage (General Use)
- PPP-B-636 - Boxes, Shipping, Fiberboard

## MILITARY

- MIL-B-3461 - Buttons, Insignia, Metal, Uniform and Cap
- MIL-S-3577 - Sweatband, Headwear, Leather
- MIL-C-16290 - Cloth, Melton, Wool (Moth-Proofed)
- MIL-E-17568 - Embroidery Materials, Metallic and Synthetic Metallic
- MIL-L-43541 - Leather, Cattlehide, for Visors and Chinstraps
- MIL-T-43548 - Thread, Polyester, Cotton, Covered
- MIL-S-43993 - Sweatband, Headwear, Artificial Leather
- MIL-C-82252 - Cloth, Broadcloth, Wool, and Wool-Synthetic (Moth-Proofed)

## STANDARDS

## FEDERAL

- FED-STD-151 - Metals, Test Methods
- FED-STD-191 - Textile Test Methods
- FED-STD-311 - Leather, Methods of Sampling and Testing
- FED-STD-595 - Colors
- FED-STD-751 - Stitches, Seams and Stitchings

## MILITARY

- MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes
- MIL-STD-129 - Marking for Shipment and Storage

## LAWS AND REGULATIONS

## U.S. POSTAL SERVICE MANUAL

(Copies of the manual may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20402.)

MIL-F-17619E(NU)

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

2.2 Other publications - The following documents form a part of this specification to the extent specified herein. Unless a specific issue is identified, the issue in effect on date of invitation for bids or request for proposal shall apply:

NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INC., AGENT  
National Motor Freight Classification

(Application for copies should be addressed to American Trucking Association, Inc., ATTN: Traffic Department, 1616 P Street, N.W., Washington, D. C. 20036.)

UNIFORM CLASSIFICATION COMMITTEE, AGENT  
Uniform Freight Classification

(Application for copies should be addressed to the Uniform Classification Committee, Room 1106, 222 South Riverside Plaza, Chicago, Illinois 60606.)

### 3. REQUIREMENTS

3.1 Guide sample - Samples, when furnished, are solely for guidance and information to the contractor (see 6.3). Variations from this specification may appear in the sample, in which case this specification shall govern.

\* 3.2 First article - When specified (See 6.2), the contractor shall furnish sample unit(s) for first article inspection and approval (See 4.2).

### 3.3 Materials -

\* 3.3.1 Cloth, wool or wool/synthetic - The cloth used for the type I cap frame visor top and for covering the bottom edge of the inner band on type I and II cap frames shall conform to type I, class 2 of MIL-C-16290 or type I, class III or type II, class 3 of MIL-C-82252.

\* 3.3.2 Front stand - The front stand shall be made of a high density (linear) polyethylene plastic material, white, natural or black in color, conforming to type I, II or III, class H, grades 1 or 2 of L-P-390, except that the low temperature brittleness, dielectric constant, dissipation factor, and thermal stress cracking requirements shall not be applicable. The front stand shall be molded into a shape similar to those shown in figure 3. The minimum thickness of the plastic material shall be 0.050 inch. Testing shall be as specified in 4.3.1.

3.3.2.1 Stiffness - The front stand material shall have a minimum stiffness scale rating of 55 when tested as specified in 4.3.1.