

[INCH-POUND]
 A-A-59529
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 SUPERSEDING
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COMMERCIAL ITEM DESCRIPTION

CAP, FOOD HANDLER'S

The General Services Administration has authorized the use of this commercial item description for all Federal agencies.

1. SCOPE. This commercial item description covers the requirements for a food handler's cap used by cooks and bakers of the Department of the Navy.
2. CLASSIFICATION. The cap shall be one type only, and shall be available in the following sizes:

Sizes

Small (6-3/4)

Medium (7-1/8)

Large (7-1/2)

3. SALIENT CHARACTERISTICS.

3.1 Description. The cap shall be a turn-up style, two-piece construction, consisting of a two-ply circular headband and a flat circular crown. When worn, the headband shall be turned up to form four plies (see Figure 1).

3.2 Material

3.2.1 Basic material. The cloth used for the headband of the cap shall be of a cotton combed twill or polyester/cotton twill material, 2 up 1 down left hand twill durable press, match Color Association (CA) White Shade 3053, and conform to the requirements specified in Table I.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Defense Supply Center Philadelphia, Clothing and Textiles Directorate, ATTN: DPSC-CRFD, 700 Robbins Avenue, Building 6D, Philadelphia, PA 19111-5092.

AMSC N/A

FSC 8415

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TABLE I. Physical requirements

Characteristics <u>1/</u>	Requirements	Test methods
Yarn ply	Singles	Visual
Weave	2 up 1 down left hand twill	Visual
Fiber Content	65±5% polyester with the remaining % cotton	AATCC 20A
Sulfur Content	No more than slight	FED-STD-191A TM 2020
Colorfastness to: · Laundering (3 cycles Prespiration Light (40 hrs) Crocking	Not less than grade 3 Not less than grade 3 Not less than grade 3 Not less than 3	AATC 61 TEST 3A <u>3/ 4/</u> AATCC 15 <u>4/</u> AATCC 16 Opt A AATCC 8
Discoloration to: Laundering (3 cycles) Perspiration Light (40 hrs) Wet-Dry Cleaning Combined Laundering and Bleaching	Not less than grade 3 Not less than grade 3 Not less than grade 3 Not less than grade 3 Not less than grade 3	AATCC 61 Test 3A <u>3/ 4/</u> AATCC 15 <u>4/</u> AATCC 16 Opt A AATCC 132 AATCC 61 Test 4A <u>4/</u>
Weight, (oz/sq. yd., min.)	6.8	ASTM-D-3776 OPT C
Breaking strength, lb., (min) Warp Filling	170 85	ASTM-D-5034 ASTM-D-5034
Stiffness, in-lbs (max) Warp Fill	.002 .002	ASTM-D-747
Tear Strength, lb., (min) Warp Fill	7.0 5.0	ASTM-D-1424 ASTM-D-1424
Nonfibrous materials, Percent (max)	2.0	ASTM-D-629
Dimensional Stability, warp and fill After 5 cycles, % max	2.5	AATCC-135 (3) Vamii
Soil Release	Not less than 3.0	See below
Durable Press after 5 cycles	Not less than DP 3.0	AATCC 124 (3) Vamii
pH	5-8.5	AATCC-81

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- 1/ Testing shall be performed under standard atmospheric conditions for textiles as specified in ASTM -D-1776 (temperature of 70°F ± 2°F and a relative humidity of 65 percent ± 2 percent)
- 2/ One determination shall be made from each sample unit and the result shall be reported as "pass" or "fail".
- 3/ The specimen must be dried after each of the 3 laundering cycles.
- 4/ Only the staining on the cotton and polyester stripes of the color transfer cloth shall be evaluated.

Soil Release Test Procedure. The test shall be in accordance with the requirements below.

Specimens. There shall be three (30 4x8 inch specimens taken from different warp and filling yarns.

Staining. The test specimens shall be stained in accordance with AATCC TM 130, except for the following: Three drops of Graphite Multi-Grade Motor Oil (SAE 10W-40).

Laundering. The test specimens shall be laundered in accordance with AATCC TM 61, Test No. IIIA, except the following:

- (1) The total liquor volume shall be 500 ml.
- (2) Fifteen grams per liter of AATCC (124 WOB) detergent shall be used.
- (3) A total of 50 stainless steel balls shall be used.
- (4) No multi-fiber test fabric or bleached cotton fabric is required.
- (5) At the end of cycle, rinse in running water at 105°F, for five minutes. No scouring is required.
- (6) Hydroextract the test specimen to remove excess moisture. Air dry or oven dry at 220°F.

Evaluation. The test specimen shall be evaluated with AATCC TM 130 procedure.

The cloth shall be desized, scoured, mercerized, bleached, heat set and dyed. The cloth shall be treated with an approved precured durable press resin and approved soil release treatment to obtain a hand equal in characteristics to that of the standard sample and shall meet the requirements specified. The resin finish shall be a non-chlorine retentive type.

3.2.1 Net cloth. The net cloth used for the cap crown shall be cotton or polyester, shall approximate CA White Shade 3053 and conform to the requirements specified in Table II.