

INCH-POUND

A-A-52089

March 13, 1991

COMMERCIAL ITEM DESCRIPTION

BOWL, FOOD MIXING, CORROSION-RESISTING STEEL

The General Services Administration has authorized the use of this commercial item description in preference to Military Specification MIL-B-2054E.

1. CLASSIFICATION

1.1 Classification. This commercial item description covers two sizes of corrosion resisting steel food mixing bowls (see 5.2).

Size 1 - 7-1/2 gallons

Size 2 - 20 gallons

1.2 CID based part identification number (PIN). A document based PIN to identify types of items is included in section 5. This identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.

2. SALIENT CHARACTERISTICS

2.1 Design and construction. The bowls shall be round with smooth spherical surfaces except that the bottom may be flat. The bowls shall be formed from a single sheet of stainless steel and shall be seamless and without welds. The bowls shall have an evenly rolled bead or flange designed to facilitate carrying of filled bowls. The bowls shall be fabricated from type 304 stainless steel. The capacity and diameter tolerance for the bowls shall be as specified in table I.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent by letter to: Commander, U.S. Army Natick Research, Development, and Engineering Center, ATTN: STRNC-WEE, Natick, MA 01760-5018.

AMSC N/A

FSC 7330

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

A-A-52089

TABLE I. Capacity and Diameter Tolerance

	<u>Size 1</u>	<u>Size 2</u>
Capacity at Overflow Full	30 qt. + 3.0 qts. - 0.0 qts.	80 qt. + 8.0 qts. - 0.0 qts.
	or	or
	7.5 gal. + .75 gals. - 0.0 gals.	20 gal. + 2.0 gals. - 0.0 gals.
Top Inside Diameter	21.5 \pm 1.25 inches	29.5 \pm .25 inches
Overall Outside Diameter	22.0 \pm 1.25 inches	31.0 \pm .25 inches
Minimum Thickness	20 gage (.028 - .038) inches minimum	18 gage (.035 - .0470) inches minimum

2.2 Codes and standards. The bowls shall comply with National Sanitation Foundation (NSF) Standard No. 2.

2.3 Marking. The bowls shall be marked with the manufacturer's name, trade name, or trademark of such known character that the source of the bowls may be readily determined.

2.4 Workmanship. The finished bowls shall not be dented, fractured, or punctured. There shall be no burrs, rough edges, slivers, scratches, laminations or gouges and the edge shall be evenly rolled. Metal forming shall not cause wrinkles or waves.

3. QUALITY ASSURANCE

3.1 Certification. The contractor shall certify, and maintain objective quality evidence, that the product offered meets this Commercial Item Description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

3.2 NSF. Acceptable evidence of meeting the requirements of NSF shall be one of the following:

(1) A listing in the current edition of the NSF "Listing of Food Service Equipment" and display of the NSF seal on the finished bowl.

A-A-52089

(2) A certification for the bowl issued by NSF under their special one-time contract evaluation/certification service.

(3) A certified test report from a recognized independent testing laboratory acceptable to the Government agency for which the bowls are being procured indicating that the bowls have been tested and conform to NSF Standard No. 2.

3.3 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

3.4 Examination. The end item shall be examined for the defects listed in table III. The sample size shall be as indicated in table II. The sample unit shall be one bowl.

TABLE II. Sampling plan for end item examination

<u>Lot size (Bowls)</u>	<u>Sample Size</u>	<u>Accept No.</u>	<u>Reject No.</u>
50-500	50	7	8
501-1200	80	10	11
1201-3200	125	14	15

A-A-52089

TABLE III. End item defects

<u>Examine</u>	<u>Defects</u>
Material	Not corrosion-resisting stainless steel specified
Finish	Burrs, rough edges, or slivers Not in accordance with the manufacturers standard practice specified
Construction and workmanship	Not one piece construction Improper gage of steel Not round in shape Edge not evenly rolled around top Capacity not as specified Diameter tolerance not as specified Dent, puncture, fracture, lamination, scratches or gouges Wrinkles or waves in metal forming
Identification marking	Missing, illegible or incorrect Indented marking penetrates through metal, or is uneven or distorted

3.5 Regulatory requirements. In accordance with section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this commercial item description unless otherwise specified.

3.6 Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch/pound units, provided they fall within the tolerances specified using conversion tables contained in the latest revision of FED-STD-376, and all other requirements of this commercial item description are met.

A-A-52089

4. PACKAGING

4.1 Packaging and packing. Packaging and packing shall be commercial or export as specified (see 5.2).

4.2 Commercial packaging and packing.

4.2.1 Commercial packaging. Each bowl, size 1 or size 2, shall be wrapped in kraft paper or placed in a polyethylene bag in accordance with good commercial practice.

4.2.2 Commercial packing. Bowls, wrapped or bagged shall be individually cushioned and immobilized, one each in a fiberboard box complying with Uniform Freight Classification or National Motor Freight Classification.

4.3 Export packaging and packing.

4.3.1 Export packaging. Each bowl shall be cleaned, preserved, wrapped, and cushioned to protect against corrosion, deterioration, and physical damage during shipping and storage.

4.3.2 Export packing. Bowls, packaged for export shall be individually packed in snug-fitting fiberboard boxes, conforming to style RSC, grade V3c, V3s or V4s of PPP-B-636. Bowls shall be packed inverted. Each box shall be closed and reinforced in accordance with PPP-B-636. Reinforcement shall be limited to nonmetallic strapping or pressure-sensitive adhesive filament reinforced tape.

4.4 Palletization. When specified, shipping containers shall be palletized in accordance with MIL-STD-147 (see 5.2).

4.5 Marking (commercial and export). In addition to any special markings required by the contract or purchase order, shipping containers, and unit loads shall be marked in accordance to MIL-STD-129.

5. NOTES

5.1 Intended use. The mixing bowls are intended primarily for hand mixing and preparing foods such as salads in permanent and temporary installations.

5.2 Ordering data.

- a. Title, number, and date of this document.
- b. Size of bowl required (see 1.1).
- c. Selection of applicable packaging and packing required.
- d. When palletization of shipping containers is required (see 4.4).

A-A-52089

5.3 Sources of documents.

5.3.1 Sources for nongovernment association documents.

NSF Standard No. 2 Food Service Equipment

National Sanitation Foundation (NSF)
3475 Plymouth Road
P.O. Box 1468
Ann Arbor, MI 48106

National Motor Freight Classification

National Motor Freight Traffic Association, Inc., Agent
American Trucking Associations, Inc., Traffic Department,
1616 P Street, N.W., Washington, DC 20036

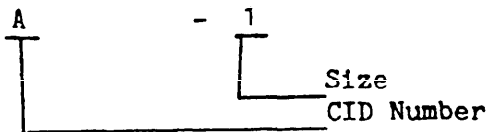
Uniform Freight Classification

Uniform Classification Committee, Agent
Uniform Classification Committee, Suite 1106
222 South Riverside Plaza, Chicago, IL 60606

5.3.2 Sources of governmental documents. Copies of Military and Federal documents are available from:

Standardization Documents Order Desk
Bldg. 4D
700 Robbins Avenue
Philadelphia, PA 19111-5094

5.4 Part identification number (PIN). The PIN's to be used for items required by this CID are created as follows:



MILITARY INTERESTS:

Custodians

Army - GL
Navy - SA
Air Force - 99

Review activities

Army - MD, TS
Navy - MC
Air Force - 84

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Preparing activity:

Army - GL

(Project 7330-0574)