

(INCH-POUND)  
 A-A-1751B  
July 30, 1996  
 SUPERSEDING  
 A-A-1751A  
 November 26, 1991

## COMMERCIAL ITEM DESCRIPTION

### MEASURE, LIQUID (Aluminum)

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

#### 1. SCOPE

1.1 Scope. This commercial item description (cid) covers aluminum liquid measures for institutional kitchen usage.

#### 2. CLASSIFICATION

2.1 Classification. The measures shall be of the following sizes, as specified.

Size 1 - 2 quart capacity (1.9 L)  
 Size 2 - 4 quart capacity (3.8 L)

#### 3. SALIENT CHARACTERISTICS

3.1 Design and construction. The liquid measures shall be formed seamless from a single piece of 3000 series aluminum alloy in the general design of figure 1. The body shall have a minimum thickness of 0.043 inch (1.1 mm) for the size 1 measure and 0.048 inch (1.2 mm) for the size 2 measure. The sidewalls of the measure shall be straight. The body of the measure shall have three continuous grooves rolled inward or outward and spaced in a manner to mark the measure capacity in four equal divisions. The top edge of the measure shall be flanged outward to form a pouring lip. The capacity tolerance of the measures shall be plus or minus 10 percent.

3.1.1 Handle. Each measure shall be fitted with a strap handle formed from 3000 series aluminum alloy stock measuring 7/8 inch (2.22 cm) in width by 0.060 inch (1.5 mm) thickness. The handle shall be riveted or welded with corrosion resistant material to the body. The handle shall be located diametrically opposite the high point of the pouring lip. The handle shall be a minimum of 3 inches (7.6 cm) in height and have a minimum clearance space of 1 inch (2.5 cm) between the measure body.

3.2 Finish. The measures shall be smooth on all surfaces and edges. The measures shall be free from corrosion, discoloration, or stain. The measures shall have an anodized finish.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: General Services Administration, Engineering Group (7FXEE), 819 Taylor St., Fort Worth, TX 76102

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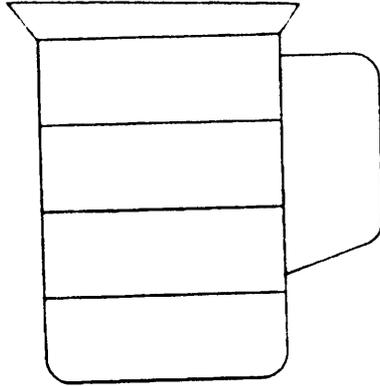


FIGURE 1 - LIQUID MEASURE

3.3 Workmanship. The measures shall be clean and free from dirt, grease, rough or sharp edges, slivers, burrs, deep scratches, tool marks, or other defects which may affect appearance or serviceability. The measures shall not be fractured, dented, punctured or otherwise malformed or damaged. Welds shall be complete, free from burnholes, cracks, fractures, slag inclusion, and with scale or flux deposits removed. Rivets shall not be missing, broken, fractured, or loose.

3.4 Standard compliance. The measure shall comply with the requirements of NSF International Criteria C-2 or Standard No. 2.

3.5 Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, providing they fall within tolerances specified and all other requirements of this document are met. If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch-pound units, a request should be made to the contracting officer to determine if the product is acceptable.

3.6 Standard commercial product. The measures shall, as a minimum, be in accordance with the requirements of this CID and shall be the manufacturer's standard commercial product. A standard commercial product is a product which has been sold or is currently offered for sale on the commercial market through advertisements, manufacturer's catalogs, or brochures, and represents the latest production model.

#### 4. REGULATORY REQUIREMENTS

4.1 Recovered materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

#### 5. QUALITY ASSURANCE PROVISIONS

5.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

5.2 NSF International compliance. The contractor shall submit to the contracting officer or authorized representative, prior to awarding of contract, satisfactory evidence that the items offered meet the requirements of NSF International Criteria C-2 or Standard No. 2. Satisfactory evidence of this compliance may be any of the following:

- (1) Listing in the current edition of the "NSF International Listing Food Service Equipment and Related Products, Components and Materials", and display of the NSF International mark on the finished item; or
- (2) Certification issued by NSF International under their special contract evaluation/certification program for government contracts; or
- (3) Certified test report from a recognized independent testing laboratory acceptable to the medical authority of the service for which the item(s) are being procured stating that the item has been tested and conforms to NSF International Criteria C-2 or Standard No. 2.

## 6. PACKAGING

6.1 Preservation, packing, and marking. Preservation, packing, and marking shall be as specified in the contract or order.

## 7. NOTES

### 7.1 Sources of non-Government association documents.

NSF International standards are available from NSF International, P.O. Box 130140, Ann Arbor, MI 48113-0140.

7.2 Ordering data. Purchasers should select the preferred options permitted herein and include the following information in procurement documents (if applicable).

- a. Title, number and date of this commercial item description.
- b. Size required.
- c. Preservation, packing, and marking desired.

7.3 National Stock Numbers (NSN's): The following is a list of NSN's assigned which correspond to this CID. The list may not be indicative of all possible NSN's associated with the CID.

NSN	Size
7330-00-205-3096	2 quart
7330-00-264-5368	4 quart

## MILITARY INTERESTS:

Military Coordinating Activity:  
Army - GL

Custodians:  
Army - GL  
Navy - SA  
Air Force - SA

Review Activities:  
Army - MLI, QM1  
Navy - MC  
Air Force - SA, SA

Preparing Activity:  
GSA - FSC  
(DoD Project 7330-0733)