

A-A-53020  
19 June 1987

## COMMERCIAL ITEM DESCRIPTION

### BEAD, LABORATORY

The General Services Administration has authorized the use of this commercial item description in preference to military specification MIL-B-003473A (DSA-DM).

This Commercial Item Description covers a round, solid borosilicate glass bead for use in laboratory procedures.

#### Salient Characteristics.

Shall be a round solid glass bead suitable for use in laboratory applications such as packing for distillation columns, mixing beads, and boiling stones.

Shall have a diameter of 5.0 millimeters (mm) with an allowable tolerance of +1.3 mm and -1.0 mm.

Shall be fabricated of borosilicate glass conforming to Type I, Class A of ASTM E-438 (Standard Specification for Glasses in Laboratory Apparatus), except a maximum 1.0 percent trace constituent of K<sub>2</sub>O (Potassium Oxide) shall be acceptable.

**Workmanship.** The laboratory glass bead shall be free from significant visual defects which detract from its appearance or defects impairing its serviceability.

**Unit.** Package (PG). One package containing one pound of beads, as specified, constitutes one unit.

AMSC N/A

FSC 6640

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

A-A-53020

## Quality Assurance Provisions.

**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 purchase order, the contractor may use his own or any 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 supplies and services conform to prescribed requirements.

**Records.** Records of examinations and tests performed by or for the contractor shall be maintained by the contractor and made available to the Government upon the Government's request, at any time, or from time to time, during the performance of the contract and for a period of three years after delivery of the supplies to which such records relate.

**Inspection.** Inspection, as used herein, is defined as both examination (such as visual or auditory investigation without the use of special laboratory appliances or procedures) and testing (determination by technical means of physical and chemical properties) of the item.

**Inspections and tests.** Inspections and tests shall be conducted in accordance with commercial practice to determine compliance with specification requirements. Sampling for inspections and test shall also be conducted in accordance with commercial practice.

**Contractor certification.** The contractor shall certify that the product offered meets the salient characteristics of this description and conforms to the producers' 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.

A-A-53020

**Regulatory requirements.**

**Federal Food, Drug and Cosmetic Act.** If the product covered by this document has been determined by the U.S. Food and Drug Administration to be under its jurisdiction, the offeror/contractor shall comply, and be responsible for compliance by its subcontractor/suppliers, with the requirements of the Federal Food, Drug and Cosmetic Act, as amended, and regulations promulgated thereunder. In addition, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of all other applicable Federal, State, and local statutes, ordinances, and regulations.

**Recovered materials.** The offeror/contractor is encouraged to use recovered material in accordance with Public Law 94-580 to the maximum extent practical.

**Preservation, packaging, packing, labeling, and marking.** Unless otherwise specified, preservation, packaging, and packing shall be to a degree of protection to preclude damage to containers and/or contents thereof under normal shipping conditions, handling, etc., involving shipment from the supply source to the receiving activity, plus reshipment from receiving activity, and shall conform to applicable carrier's rules and regulations. Intermediate and exterior package quantities and labeling and marking shall be as specified in the contract and/or order.

**For information only.** The following products, as of the date of this document, are purported by the following companies to meet the salient characteristics of the item described herein:

Corning Catalog No. 7268-5

Kimble Catalog No. 13500-5

**NOTE:** The following National Stock Number is covered by this document:

6640-00-403-1000

A-A-53020

Ordering data. Intermediate/exterior package quantities and labeling and marking must be specified in the contract and/or order.

MILITARY INTERESTS:

Custodians:

Army - MD

Navy - MS

Air Force - 03

PREPARING ACTIVITY:

DoD-MB

AGENT:

DLA-DM

CIVIL AGENCY COORDINATING ACTIVITY

VA-OSS

PHS

FDA-MPQAS

PROJECT NO. 6640-1426

Location: NCR Disk # 1

**INSTRUCTIONS.** In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge (**DO NOT STAPLE**), and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

**NOTE** This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

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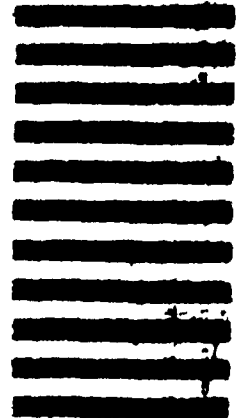


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**STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL***(See Instructions - Reverse Side)***1. DOCUMENT NUMBER**

A-A-53020

**2. DOCUMENT TITLE**

BEAD, LABORATORY, GLASS

**3a. NAME OF SUBMITTING ORGANIZATION****4. TYPE OF ORGANIZATION (Mark one)**☐ VENDOR☐ USER☐ MANUFACTURER☐ OTHER (Specify).**5. PROBLEM AREAS****a. Paragraph Number and Wording****b. Recommended Wording****c. Reason/Rationale for Recommendation****6. REMARKS****7a. NAME OF SUBMITTER (Last, First, MI) - Optional****7c. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional****8. WORK TELEPHONE NUMBER (Include Area Code) - Optional****9. DATE OF SUBMISSION (YYMMDD)**

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