

A-A-53766  
9 November 1988

## COMMERCIAL ITEM DESCRIPTION

### THIMBLE, EXTRACTION

The General Services Administration has authorized the use of this Commercial Item Description in preference to Federal Specification GG-T-00380A (DSA-DM) as applicable to Type II extraction thimbles.

This commercial item description covers a 22 x 80 millimeter (mm) cellulose filter paper extraction thimble having a 2 mm thickness.

#### Salient characteristics.

Shall be an extraction thimble, suitable for use with a standard extraction apparatus in a analytical determination of fat in organic materials.

Shall be fabricated of a fat-free close texture filter paper composed of 100 percent fully bleached cellulose fibers.

Shall be in the form of a seamless rigid tube with a round bottom and open end. The wall of the tube shall be symmetrical, well compressed and hard. The inner surface shall be smooth to facilitate removal of extracted matter. The open end shall be cut off squarely and evenly.

Shall conform to the following millimeter (mm) dimensions:

Inside diameter.....	22.0	±	0.7	mm.
Overall length.....	80.0	±	2.0	mm.
Wall thickness.....	2.0	±	0.5	mm.

Shall provide filter paper with fully bleached cellulose fiber that include the following characteristics:

<u>Characteristic</u>	<u>TAPPI Test Method (for reference)</u>
A 95 percent minimum content of alpha-cellulose.....	T429os

AMSC N/A

FSC 6640

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

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<u>Characteristic</u>	<u>TAPPI Test Method (for reference)</u>
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A maximum allowable copper number of 5.0.....	T430su
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A pH value (acidity) of 7.0 $\pm$ 1.0.....	T435su
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Workmanship. The extraction thimble shall be free from defects which detract from its appearance or impair its serviceability.

Unit. Package (PG). One package containing twenty-five thimbles, as specified, constitutes one unit.

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.

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 the tolerances specified using conversion tables contained in the latest revision of Federal Standard 376, 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.

The contracting officer has the option of accepting or rejecting the product.

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.

#### 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 subcontractors/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,

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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.

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

6640-00-444-7350

The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposals shall apply.

TECHNICAL ASSOCIATION OF PULP AND PAPER INDUSTRY (TAPPI)

T401m-60	Fiber Analysis of Paper and Paperboard.
T429os	Alpha-Cellulose in Paper.
T430su	Copper Number of Paper and Paperboard.
T435su	Hydrogen Ion Concentration (pH) of Paper Extracts--Hot Extraction Method.

(Application for copies should be addressed to the Technical Association of the Pulp and Paper Industry, 1 Dunwoody Park, Atlanta, Ga. 30341.)

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

MILITARY INTERESTS:

PREPARING ACTIVITY:

DoD - MB

Custodians:

Army - MD  
Navy - MS  
Air Force - 03

Agent:

DLA-DM

CIVIL AGENCY COORDINATING ACTIVITIES:

VA-OSS  
PHS  
FDA-MPQAS

Project No. 6640-1516

Location: Disk No. 13

## STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER

A-A-53766

2. DOCUMENT TITLE

THIMBLE, EXTRACTION

3a. NAME OF SUBMITTING ORGANIZATION

4. TYPE OF ORGANIZATION (Mark one)

☐

VENDOR

☐

USER

☐

MANUFACTURER

☐

OTHER (Specify):

b. ADDRESS (Street, City, State ZIP Code)

## 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

b. WORK TELEPHONE NUMBER (Include Area Code) - Optional

c. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional

8. DATE OF SUBMISSION (YYMMDD)

(TO DETACH THIS FORM, CUT ALONG THIS LINE.)

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**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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