

[INCH-POUND]  
 A-A-59255  
August 4, 1998  
 SUPERSEDING  
 VV-W-95C  
 July 16, 1990

## COMMERCIAL ITEM DESCRIPTION

### WAX, PARAFFIN, TECHNICAL

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

1. **SCOPE.** This commercial item description (CID) covers various refined paraffin wax applications for manufacture of religious candles, waterproofing, impregnating, coating of various materials, and as an embedding compound.
2. **CLASSIFICATION.** The waxes shall be of the following grades and codes as specified (see 7.2):

<u>Grade</u>	<u>(Melting Point)</u>	<u>Code</u>
AA	145 - 150 degrees Fahrenheit (°F) (63 - 65 degrees Celsius (°C))	X
A	135 - 140 °F (57 - 60 °C)	A
B	130 - 134 °F (54 - 57 °C)	B
C	123 - 127 °F (50 - 53 °C)	C

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Officer in Charge (Code 15E2), Seabee Logistics Center, 4111 San Pedro St., Port Hueneme, CA 93043-4410, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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## 3. SALIENT CHARACTERISTICS.

3.1 Description. The wax shall be the type known commercially as refined paraffin wax. It shall be furnished in approximate weight according to standard industry practice: single 1-pound (lb) or four 0.25-lb (0.453 kilogram (kg) or 0.113 kg) cakes, and 10-lb or 11-lb (4.53 kg or 4.98 kg) cakes or slabs. The wax may also be supplied in nonstandard weights and shapes as specified in the contract or order. The refined wax shall be clean, homogeneous in appearance, and free from dirt or other foreign matter.

3.2 Standard commercial product. The wax shall, as a minimum, be in accordance with the requirements of this commercial item description and shall be the manufacturer's standard commercial product. Additional or better features which are not specifically prohibited by this commercial item description but which are a part of the manufacturer's standard commercial product, shall be included in the wax being furnished. A standard commercial product is a product which has been sold or is being currently offered for sale on the commercial market through advertisements or manufacturer's catalogs, or brochures, and represents the latest production model.

## 4. REGULATORY REQUIREMENTS.

4.1 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). Unless otherwise specified herein, all equipment, material, and articles incorporated in the work covered by this commercial item description are to be new and fabricated using materials produced from recovered materials to the maximum extent possible without jeopardizing the intended use. 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. Unless otherwise specified, none of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this commercial item description.

4.2 Chemical and physical requirements. The wax shall conform to the requirements specified in table I.

TABLE I. Requirements.

	Grade				ASTM test method
	AA	A	B	C	
Melting point (cooling curve)					
°F (°C) minimum	145 (63)	135 (57)	130 (54)	123 (50)	ASTM D 87; report to nearest °F (°C)
maximum	150 (65)	140 (60)	134 (57)	127 (53)	
Color, Saybolt					ASTM D 156
minimum	+25	+25	+25	+25	
Oil content, percent,					ASTM D 721
maximum	0.5	0.5	0.5	0.5	

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4.3 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 specified tolerances using conversion tables contained in the latest version of ASTM SI-10 (IEEE/ASTM SI-10), and all other requirements of this commercial item description including form, fit and function 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.

## 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.

6. PACKAGING. The preservation, packing, and marking shall be as specified in the contract or order.

## 7. NOTES.

### 7.1 Source of documents.

7.1.1 The Federal Acquisition Regulation (FAR) may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

7.1.2 ASTM standards are available from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

7.1.3 IEEE Standards are available from the Institute of Electrical and Electronics Engineers (IEEE), IEEE Service Center, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331.

7.2 Ordering data. Acquisition documents should specify the following:

- a. Title, number, and date of this CID.
- b. Grade required (see 2.).

7.3 Supersession data. This CID replaces Federal Specification VV-W-95C, dated July 16, 1990.

7.4 Classification cross reference. Classification used in this CID (see 2.) is identical to that found in superseded Federal Specification VV-W-95C.

7.5 Part Identification Number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor. The PIN to be used for items acquired to this description is created as follows:

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AA59255      X

CID number \_\_\_\_\_

Grade (see 2.) \_\_\_\_\_

7.6 Metric units. The values stated in either inch-pound units or SI units are to be regarded separately as standard. Within the text, the SI units are shown in brackets. The values stated in each system are not exact equivalents; therefore, each system should be used independently of the other. Combining values from the two systems may result in nonconformance with the standard.

7.7 Subject term (key word) listing.

Paraffin  
Paraffin wax  
Preservative  
Waterproofing  
Wax

MILITARY INTERESTS:

Custodians:

Army - CR4

Navy - YD1

Air Force - 99

Review Activity:

Air Force - 68

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Preparing Activity:

Navy - YD1

(Project 9160-1014)

