

A-A-2622
20 February 1990

COMMERCIAL ITEM DESCRIPTION

ADAPTERS, PIPE TO HOSE, STRAIGHT OR REDUCING

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-A-17204 which is cancelled.

Abstract. This commercial item description covers either straight or reducing adapters, to connect hose-threaded ends to pipe-threaded ends. Adapters covered by this commercial item description are intended for applications involving air, oil, gas, and water. They are to be used in connecting units having one type of thread to units having another type of thread.

Salient characteristics.

1. Adapters. Adapters shall be of the type of thread and size specified, one end male and the other end female. They shall be of heavy cast or forged construction and shall be fabricated of aluminum, brass, bronze, or malleable iron, as specified. The adapters shall be of the 125-pound class, conforming to the pressure-temperature rating specified in table I.

* Beneficial comments, recommendations, additions, deletions, clarifications, *
* etc. and any data which may improve this document should be sent to: *
* commanding officer (Code 156), Naval Construction Battalion Center, Port *
* Hueneme, CA 93043, by using the self-addressed Standardization Document *
* improvement Proposal (DD Form 1426) appearing at the end of this document *
* or by letter. *

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Distribution Statement A: Approved for public release; distribution is unlimited.

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- e. Brass bars shall conform to ASTM B 16.
- f. Drop-forged brass shall conform to ASTM B 124, alloy 377.
- g. Brass castings shall conform to ASTM B 584, alloy 836 or 844.
- h. Bronze castings shall conform to ASTM B 62.

Contractor Certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of 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.

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 revision of Federal Standard No. 376, and all other requirements of this Commercial Item Description 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. Preservation, packaging, packing, labeling, and marking. Preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

Notes.

Ordering Data. Acquisition documents should specify the following:

- a. Title, number and date of this document.
- b. Nominal pipe or hose size, types of threads (pipe, hose, etc.), male or female threads, and kind of material required.
- c. When different tolerances on dimensions are required.
- d. When porosity and hydrostatic pressure tests are required.

QQ-P-416, FED-STD-H28, FED-STD-376, and MIL-A-8625 are available from the Military Specifications and Standards, Bldg. 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

ASTM A 47, ASTM B 16, ASTM B 26, ASTM B 62, ASTM B 124, ASTM B 211, ASTM B 221, and ASTM B 584 are available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

NFPA No. 1963 is available from the National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

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