

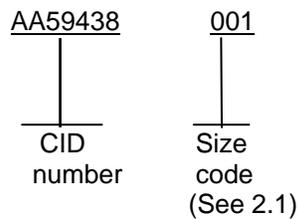
[INCH-POUND]  
A-A-59438A  
9 December 2013  
SUPERSEDING  
A-A-59438  
26 May 1999

## COMMERCIAL ITEM DESCRIPTION

### PLAYPIPE: NOZZLE, FIRE HOSE

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 the general requirements for playpipe: nozzle, fire hose. Playpipe: nozzle, fire hose covered by this CID are intended for commercial/industrial applications.
2. **CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN).** This CID uses a classification system which is included in the PIN as shown in the following example (see 7.1).



- 2.1 Size. 2-1/2 inch fire hose for directing a stream of water.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data that may improve this document should be sent to: DLA Land and Maritime, ATTN: VAI, P.O. Box 3990, Columbus OH 43218-3990, or email [fluidflow@dla.mil](mailto:fluidflow@dla.mil). Since contact information can change you may want to verify the currency of the address information using the ASSIST Online database at <https://assist.dla.mil/>.

### 3. SALIENT CHARACTERISTICS.

3.1 Interface and physical dimensions. Playpipe: nozzle, fire hose supplied to this CID shall be as specified herein (see figure 1). The playpipe nozzle furnishes a rigid extension to a standard fire hose and provides a gripping surface for fire fighting personnel. The playpipe nozzle covered in this CID is for use by civil and military fire departments.

3.1.1 Description. The playpipe shall be as specified herein. The waterway bore of the playpipe shall be smooth and unobstructed and shall taper from 2-1/2 inches at the butt end to 1-1/2 inches at the tip end (see figure 1).

3.1.2 Construction Materials. The materials used shall as specified in NFPA 1964, 1998 Edition.

3.2 Design and Construction. The overall length of the playpipe shall be not less than 8 inches and not more than 11 inches. The body of the playpipe shall be one-piece construction. The playpipe shall be equipped with two diametrically opposed semi-flexible handles that swivels around the playpipe at the tip and butt without binding. The swivel at the tip end shall have an integrally cast ladder hook. The handles and ladder hooks shall support 300 lbs. The handles shall be reinforced at the swivel connections for rigid construction. The butt end shall be equipped with rocker-type lugs. The lugs shall be designed for use with spanner wrenches.

3.2.1 Performance. The playpipe shall have a working pressure rating of 250 psig and shall withstand a hydrostatic pressure of 500 psig without evidence of permanent deformation, cracks, or other evidence of damage or leakage.

3.2.3 Threads. The butt end of the playpipe shall have a 2-1/2 inch x 7-1/2 NH (National Hose) internal threaded rigid connection, and the tip end shall have a 1-1/2 inch x 9 NH external threaded rigid connection. Threads shall be NH threads as specified in NFPA 1963.

3.2.4 Bolted Connections. Washers or lock-washers shall be provided where necessary. Matching thread areas securing bolts conforming to SAE J429 or cap-screws shall be of sufficient strength to withstand the tensile strength of the bolt. All fasteners shall be correctly torqued and shall have full thread engagement. Bolts shall not protrude more than two full threads.

3.2.5 Gaskets. One gasket shall be furnished to fit each internal-threaded connection. The gasket shall be commercial standard.

3.2.6 Deterioration. The playpipe shall be made of inherently corrosive resistant materials or treated to provide protection from various forms of corrosion. Dissimilar metals shall be electrically insulated from one another to minimize or prevent galvanic corrosion.

3.3 Marking Playpipe: nozzle, fire hose supplied to this CID shall be marked with the manufacturer's (MFR's) standard commercial PIN. (NOTE: The part number marked on the unit pack shall be the CID PIN.)

3.4 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.5 Workmanship. Playpipe: nozzle, fire hose shall be processed in such a manner as to be uniform in quality and shall be free from other defects that will affect life, serviceability, or appearance.

4. **REGULATORY REQUIREMENTS.** The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with 23.403 of the Federal Acquisition Regulation (FAR).

5. **PRODUCT CONFORMANCE PROVISIONS.**

5.1 Product conformance. The products provided shall meet the salient characteristics of this CID, 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 Market Acceptance. The manufacturers of products supplied under this CID shall meet the following criteria to ensure the quality of the product:

1. Five years in business.
2. Commercial sales of 200 playpipes per two years.
3. Have manufactured and supplied similar fire fighting equipment to fire fighting organizations for a minimum of two years.

5.3 Certification. Certification must be done with the procuring activity approval. The contractor shall certify that the product offered meets the salient characteristics of the description and conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same as the product offered for sale in the commercial marketplace. 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

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

7. **NOTES.**

7.1 PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See section 2 for PIN format example.

7.2 Environmentally preferable material. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the dating of this document, the U.S. Environmental Protection Agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website <http://www.epa.gov/osw/hazard/wastemin/priority.htm>. Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of these materials should be minimized or eliminated unless needed to meet the requirements specified herein (see section 3).

7.3 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these Playpipe: nozzle, fire hose to DLA Land and Maritime under the Parts Management Advisory Team (PMAT), CAGE code 58536 should be used.

7.4 Source of documents

FEDERAL REGULATIONS

FAR – Federal Acquisition Regulations (FAR)

(Copies of these documents are available online at [www.acquisition.gov/comp/far/index.html](http://www.acquisition.gov/comp/far/index.html) or from the U.S. Government Printing Office, 732 North Capital Street, NW, Washington D.C. 20401.)

Other Publications:

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 1963 - Standard for Fire Hose Connections

NFPA 1964 - Standard for Spray Nozzles

(Copies of these documents are available online at <http://www.nfpa.org> or from the National Fire Protection Association, 1 Battery March Park, Quincy, MA 02269-9101.)

SAE INTERNATIONAL

SAE J429 - Mechanical and Material Requirements for Externally Threaded Fasteners

(Copies of these documents are available on line at [www.sae.org](http://www.sae.org) from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, and Tel: 877-606-7323 [inside USA and Canada] or 724-776-4970 [outside USA], email at [CustomerService@sae.org](mailto:CustomerService@sae.org).)

7.5 Ordering data. The contract or order should specify the following:

- a. CID document number, revision, and CID PIN.
- b. Product conformance provisions.
- c. Packaging requirements.

7.6 Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict acquisition to only the manufacturers shown.)

MFR's CAGE

MFR's name and address

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Elkhart Brass Manufacturing Company Inc.  
1302 W Beardsley Ave  
Elkhart, IN 46514-1828  
Tel: (800) 346-0250  
[tcomer@elkhartbrass.com](mailto:tcomer@elkhartbrass.com)  
Tel: (574) 295-8330  
[palbinger@elkhartbrass.com](mailto:palbinger@elkhartbrass.com)  
Tel: (574) 295-8330

7.8 Government users. To acquire information on obtaining these Playpipe: nozzle, fire hose from the Government inventory system, contact DLA Land and Maritime, ATTN DLA Land and Maritime Call Center (-NAB), P.O. Box 3990, Columbus, OH 43218-3990 or telephone (614) 692-2271 or (614) 692-3191.").

A-A-59438A

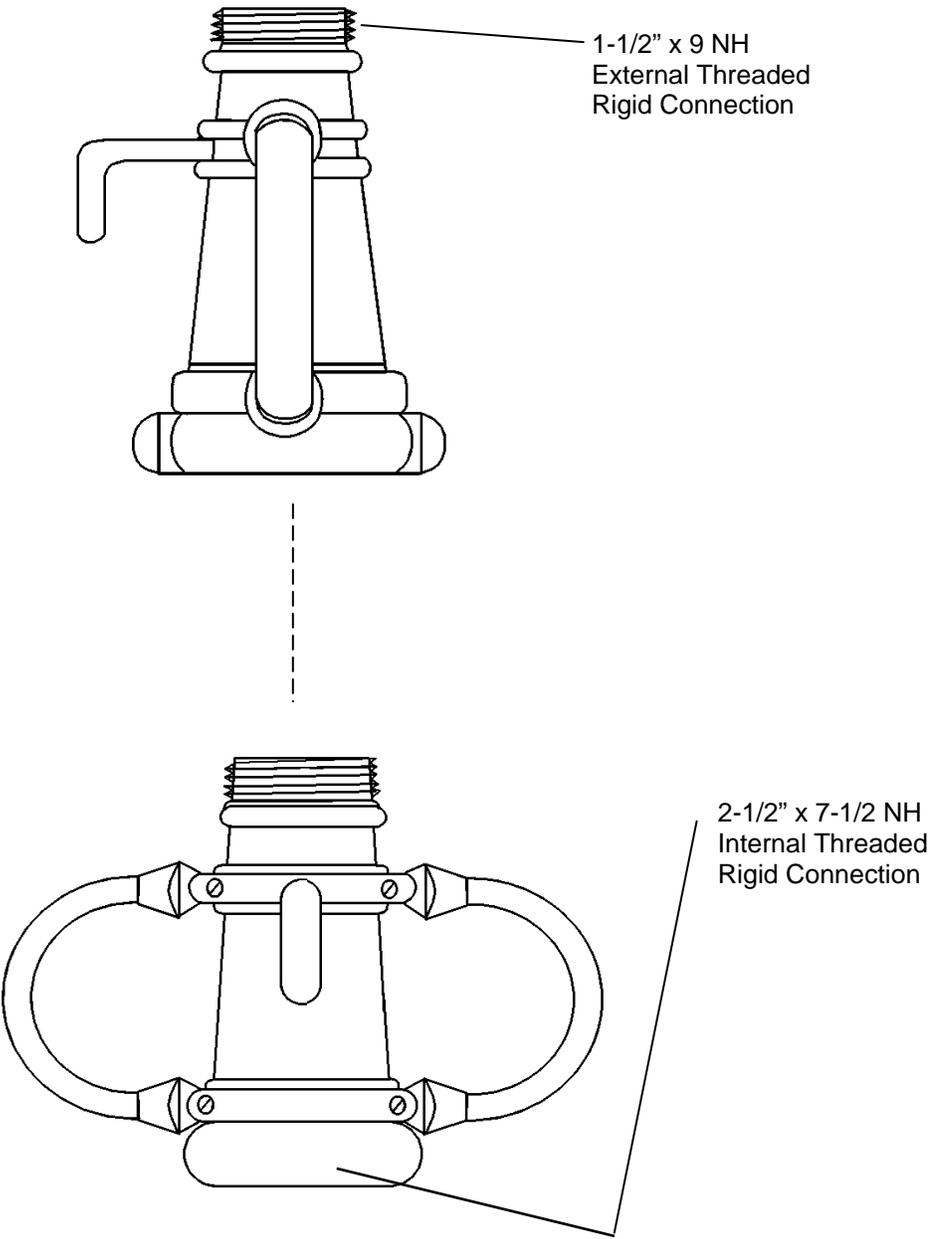


FIGURE 1. Playpipe, 2-2 1/2 inch (8-11 inch length).

7.8 Legacy. This commercial item description is a replacement for MIL-P-12164 for all federal agencies (MIL-P-12164 is canceled as of 29 March 1984 and copies of these documents are available online at <https://assist.quicksearch.mil/> or from the U.S. Government Printing Office, 732 North Capital Street, NW, Washington D.C. 20401.)

7.9 Changes from previous issues. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

MILITARY INTERESTS

Custodians:

Army - AV  
Navy - AS  
Air Force - 99  
DLA - CC

Review activities:

Navy – SA,  
Air Force – 71,84

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS

Preparing activity:

DLA - CC

Project 4210-2014-001

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.