

A-A-2160A  
October 3, 1983  
~~SUPERSEDING~~  
A-A-2160  
April 25, 1983

## COMMERCIAL ITEM DESCRIPTION

### HOSE ASSEMBLY, NONMETALLIC (BOOSTER)

The General Services Administration has authorized the use of this commercial item description.

This description covers booster hoses, double braided, rubber covered, with coupling for both fire protection and general purposes and shall be furnished in the following classes and sizes, as specified:

Class I - 800 psi (working pressure)  
Class II - 400 psi (working pressure)  
Class III - 300 psi (working pressure)

Size A - 3/4 inch  
Size B - 1 inch

#### Salient characteristics:

Hose length shall be 50-feet or 100-feet, as specified.

Configuration. The assembly shall consist of one male coupling, one female coupling, and one section of hose of specified length.

Hose. Consists of two multiple braids of synthetic yard with a synthetic rubber outer jacket. Lining shall be non-porous smooth rubber. Color shall be red.

Coupling. One threaded male piece and one threaded female piece, spanner hole configuration. Coupling material shall be either brass or hardcoated aluminum, unless otherwise specified. All threads shall be of the NH series, unless otherwise specified.

Conformance. Hose shall meet or exceed the requirements of the NFPA Standard 1961.

The issue of NFPA Standard 1961 in effect on the date of the solicitation shall be used to determine compliance with this requirement.

Workmanship. Rubber cover shall be free from unsightly defects, dirt, lumps, and irregularities as is consistent with good manufacturing practice. The waterway surface of the lining shall be free from pitting, corrugations, and other irregularities or imperfections. Hose shall be free of defects which may affect appearance or serviceability.

Regulatory requirements. The offeror/contractor is encouraged to utilize recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

Preservation, packaging, packing, labeling, and marking (Civilian). The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

Preservation, packaging, packing, labeling, and marking (DoD). Military packaging shall be specified when shipments are to be overseas Department of Defense (DoD) consignees. Commercial packaging may be specified for shipments to DoD consignees within the Continental United States and to non-DoD consignees worldwide. When a suppliers normal packaging will satisfy the requirements for military packaging, it may be used.

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Military packaging. Each hose shall be preserved and packed to protect it against physical damage and deterioration in a logistic environment characterized by the following:

1. Multiple handling during transportation and intransit storage.
2. Shock, vibration and static loading forces during worldwide shipment by all transport modes.
3. Uncontrolled warehouse storage for extended periods.
4. Weather exposure during shipment and intransit transfers.
5. Stacking loads during shipment and storage.

Quantities of hoses destined to a single addressee may be unitized into one or more loads.

Commercial. Each hose shall be packaged in accordance with the suppliers normal method for retail distribution. Hoses shipped to a single destination may be unitized to handling as a single unit. Shipping containers shall comply with Uniform Freight Classification and National Motor Freight Classification rules.

Marking. Unit, intermediate (when provided), and exterior packs shall be marked with the item nomenclature, stock or part number, quantity per pack and contract number as a minimum; additional marking shall be as specified in the contract or order. Exterior packs shall have in addition the complete consignee's address. Markings shall be applied in a legible manner, in a contrasting color, of an appropriate size and of waterproof material.

Notes: Users should select the options permitted by this commercial item description and should specify the following in contract or purchase documents:

1. Class and size of hose required.
2. Length of hose required.
3. If specific coupling material is required.

NFPA standards are available from National Fire Protection Association, Battery March Park, Quincy, MA 02269.

#### MILITARY INTERESTS:

##### Custodians

Army - ME  
Navy - YD  
Air Force - 99

##### Review Activities

DSA - CS  
Navy - SH

##### User Activities

Navy - CG, MC

#### CIVIL AGENCY COORDINATING ACTIVITIES:

DC GOVT - DCG  
HHS - FEC  
USDA - AFS

#### PREPARING ACTIVITY:

GSA - FSS