

A-A-2132A
 October 4, 1983
 SUPERSEDING
 A-A-2132
 April 25, 1983

COMMERCIAL ITEM DESCRIPTION

HOSE ASSEMBLY, NONMETALLIC (FIRE, 800 LBS. TEST PRESSURE)

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

This description covers high pressure, all synthetic double-jacketed fire hoses, with couplings, for fire protection purposes and shall be furnished in the following sizes, as specified:

<u>Size</u>	<u>Inside Diameter (inches)</u>
A	1-1/2
B	1-3/4
C	2-1/2
D	3

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. Synthetic, woven, double-jacketed, lined.

Couplings. One threaded male piece with expansion ring and one threaded female piece with swivel section and expansion ring shall be provided. Coupling shall be furnished with rocker lugs. All threads shall be of the NH series, unless otherwise specified. Materials of couplings shall be either brass or hardcoated aluminum at the manufacturers option, unless otherwise specified. Use of three-part reducing couplings on the 1-3/4 inch and 3-inch hose is permissible. The 1-3/4 inch coupling reduces to 1-1/2 inch threads and the 3-inch coupling reduces to 2-1/2 inch threads.

Proof (test) pressure - 800 psi
 Burst pressure - 1200 psi

Conformance. Hose shall meet or exceed the requirements of the National Fire Protection Association (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. Jacket shall be well, evenly, and firmly woven and as free from unsightly defects, dirt, knots, lumps, and irregularities of twist as is consistent with good manufacturing practice. The waterway surface of the lining shall be free from pitting, corrugations, or other irregularities or imperfections. Hose shall be free of defects which may affect appearance or serviceability.

Regulatory requirements. The offeror/contractor is encouraged to use 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.

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Preservation, packaging, packing, labeling, and marking (DoD). Military packaging shall be as 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.

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 hose 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 of 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 or National Motor Freight Classification rules.

Marking. Unit, intermediate (when provided), and exterior packs shall be marked with the 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 materials.

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

1. Size of hose required.
2. Length of hose required.
3. If coupling threads are to be other than NH series.
4. 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

PREPARING ACTIVITY:

GSA - FSS