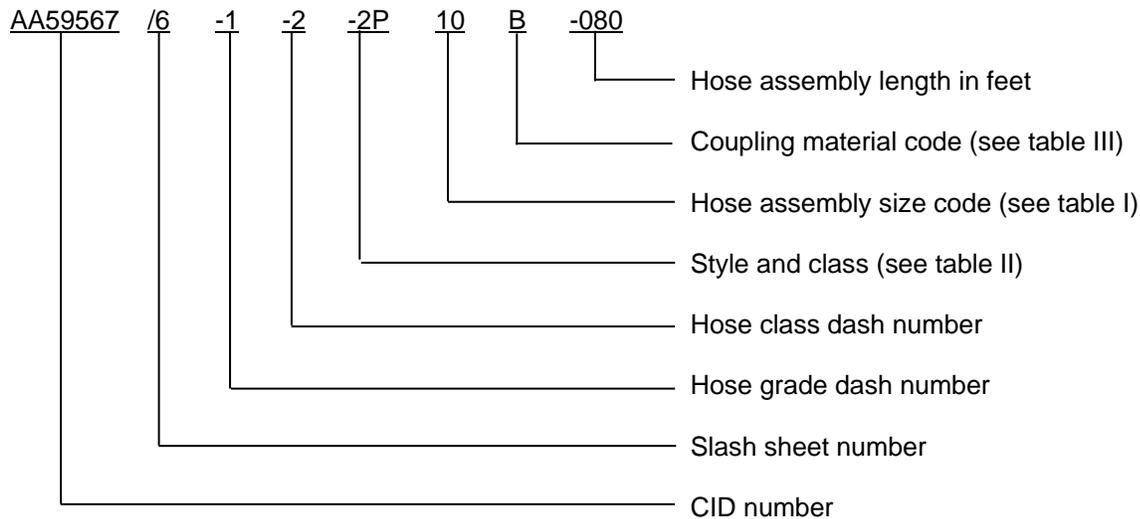


COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HOSE ASSEMBLY, GARDEN, WATER, AND WATER SUCTION,
SHANK TYPE COUPLER AND ADAPTER WITH INTERLOCKING CLAMPS

The General Services Administration has authorized the use of this commercial item description for all federal agencies. The complete requirements for procuring the hose assembly, garden, water, and water suction, shank type coupler and adapter with interlocking clamps described herein shall consist of this document and the latest issue in effect of A-A-59567.

CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN). This commercial item description (CID) specification sheet uses a classification system which is included in the PIN as shown in the following example (see NOTES).



SALIENT CHARACTERISTICS.

Interface and physical dimensions. Hose assemblies supplied to this CID specification sheet shall meet the general requirements specified in A-A-59567 and be as specified herein (see figure 1).

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 432180-3990, or 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/>.

Hose. Hose shall be in accordance with A-A-59567.

Hose grade dash number:

- 1 - Commercial hose
- 3 - Weather and ozone-resistant hose

Class dash number:

- 1 - General non-potable water inner tube
- 2 - Potable water inner tube

Grade 1, class 1. Grade 1, class 1 hose is intended for general water discharge services.

Grade 3, class 1 or class 2. Grade 3, class 1 or class 2 hose is intended for water applications where resistance to deterioration by weather and ozone is required.

Class 2 inner tube. Grade 1 or grade 3 hose with class 2 inner tube is for use with potable water.

Working pressure. Working pressure shall be in accordance with A-A-59567.

Hose assemblies. Hose assemblies shall be furnished with a male and female ends of the same type style, class, and material as specified in the PIN.

Interface and physical dimensions. Hose assemblies supplied to this CID specification sheet shall meet the general requirements specified in A-A-59567 and as specified herein.

Hose assembly size codes. Hose assembly size code shall be in accordance with table I.

TABLE I. Size codes for hose assemblies.

PIN size code	Size
8	.500
10	.625
12	.750
16	1.00
20	1.25
24	1.50
32	2.00
34	2.50
48	3.00
56	3.50
64	4.00

1/ The size indicates the nominal size of the coupling to fit the hose with that inside diameter (ID). For example, size .500 is for a coupling to fit the .500 inch ID hose.

Length of hose assemblies. Length of hose assemblies shall be measured in feet in accordance with A-A-59567. Examples: 080 for 80 feet and 250 for 250 feet.

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Construction. Unless otherwise specified, type III coupling parts shall be in accordance with A-A-59326/6 (coupling half, female) and A-A-59326/2 (coupling half, male). See table II for coupling style designators

TABLE II. Coupling style designators.

Style designator	Description
-1N	No positive locking mechanism to lock cam arms in the closed position.
-2P	Incorporates a positive locking mechanism to lock the cam arms in the closed position when the coupling halves are assembled.

Materials. The coupling shall be cast or machined from aluminum, copper alloy (brass), steel, polypropylene, heat stabilized 6/6 nylon, or corrosion resistant steel, (see table II and figure 1)

Couplings. Couplings when attached to hose shall be able to withstand an internal hydrostatic pressure of 100 psi, for at least one minute without showing any signs of leakage.

Materials. Couplings shall be cast, machined, pressed or extruded from one of the materials in table III.

TABLE III. Material types and designator.

Material designator code	Material
A	Aluminum anodized
B	Copper alloy (brass or bronze)
BA	Aluminum bronze
C	Steel zinc plated
P	Polypropylene
N	Heat stabilized 6/6 nylon
S	Corrosion resistant steel

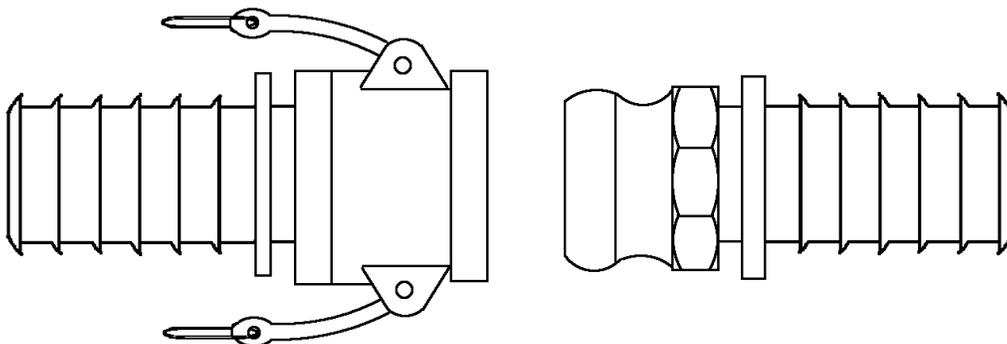


FIGURE 1. Shank type coupler and adapter with interlocking clamps.

Clamp design. The clamp shall have grooved or waffled interior surfaces equipped for gripping and compressing the hose surface against the nipple.

Clamp fastening. Clamps shall have holes for fastening with 2 bolts for sizes up to and including .750 inch hose assemblies and 4 bolts for sizes 1.00 inch and greater hose assemblies, see figure 2.

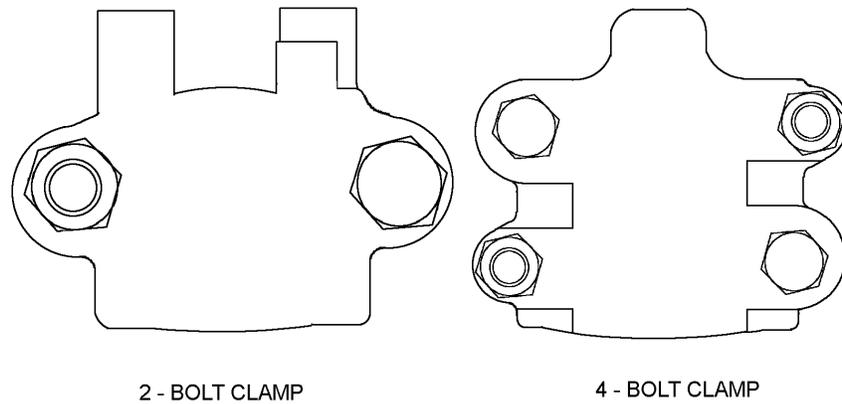


FIGURE 2. Clamps .

Gaskets. Gaskets shall be in accordance with A-A-59326, except the material shall be suitable for the hose class for which it is intended, non-potable water or potable water. Hose assemblies shall come with a gasket.

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID specification sheet. See classification information for PIN format example.

Source of documents.

COMMERCIAL ITEM DESCRIPTIONS

- A-A-59326 - Coupling Halves, Quick-Disconnect, Cam-Locking Type, General Specification For
- A-A-59326/2 - Coupling Half, Male by Hose Shank, Type II
- A-A-59326/6 - Coupling Half, Female by Hose Shank, Type VI

(Copies of these documents are available online at <http://quicksearch.dla.mil>.)

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

A-A-59567/6

MFR's CAGE

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1U339

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MILITARY INTERESTS:

CIVIL AGENCY COORDINATING ACTIVITY:

Custodians:

Army - AT
Navy - SH
Air Force - 99
DLA - CC

GSA-FSS

Preparing activity:
DLA - CC

(Project 4720-2014-044)

Review activities:

Navy - SA
Air Force - 71

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