

[INCH-POUND]
A-A-52140A
30 September 1999
SUPERSEDING
A-A-52140
3 January 1994

COMMERCIAL ITEM DESCRIPTION

BAGS, SAND, ACRYLIC

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 two colors of sandbags manufactured entirely of acrylic fiber, for use in field fortifications, ammunition bunkers, and gun emplacements.

2. **CLASSIFICATION.** The sandbags shall be classified as follows (see 7.2):

Color 1 - Camouflage Green 383
Color 2 - Tan

3. **SALIENT CHARACTERISTICS.**

3.1 **Physical form.** The sandbag shall be manufactured from acrylic woven fabric, closed on two sides and the bottom, with an affixed tie string for closing the top after filling. The sandbags shall be of one-piece construction with either a sewn or woven side seam and bottom, or a combination thereof; tubular woven (sock form) sandbags shall have no side seams, but shall have a sewn bottom. The sandbags shall have nominal inside dimensions of $26 \pm 1\frac{1}{4}$ inches long and $14 \pm \frac{1}{2}$ inches wide.

3.2 **Color.** The sandbags shall be either of the colors indicated in Section 2. Color 1, Camouflage Green 383, shall be in accordance with FED-STD-595, Colors Used in

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Defense Supply Center
Richmond (DSCR), ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA
23297-5610.

AMSC N/A

FSC 8105

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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Government Procurement. Color 2, Tan, shall be any acceptable shade of tan agreed upon between the supplier and the Government.

3.3 Breakage. The sandbags shall resist damage when dropped onto an unyielding surface.

3.3.1 Breakage test. The sandbags shall be tested for breakage as follows. Fill the sandbag with 44 pounds \pm 1/2 pound (approximately 760 cubic inches) of clean, dry sand and knot the tie string firmly about the choke. Adjust the contents of the bag to form a shape about 4 inches by 10 inches by 20 inches before each drop. Drop the bag (free fall) from a height of 48 inches on one face, on one side seam or the folded area where the seam would normally be located on a tubular bag, and on the butt onto a hard, unyielding surface such as stone or concrete of sufficient mass to absorb the shock without deflection. Every fourth sandbag tested shall be dropped (free fall) on the tied (choke) end in lieu of the butt drop. After each drop, the sandbag shall be examined for visual evidence of damage such as tears, punctures, broken yarns or threads, or exposure of the contents by any means other than sifting. Slight slippage or yawning in the seams shall not be considered damage. Visible evidence of damage shall constitute failure of this test.

3.4 Durability. The sandbags shall be bio-deterioration resistant and ultraviolet light resistant. Due to their durability, these sandbags are not recommended for temporary flood control where easy destruction and rapid deterioration of bag fabrics are desired after flood danger has passed.

3.5 Workmanship. The sandbags shall be free of holes, tears, punctures, and other defects which may affect serviceability. The sandbags shall be both dry and flexible and shall be uniform in appearance. Individual bags shall be uniform in color. The seams shall be straight and even.

4. REGULATORY REQUIREMENTS.

4.1 Recycled materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practical, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

5. QUALITY ASSURANCE PROVISIONS.

5.1 Product conformance. The product 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 acceptability. The item offered must have been previously sold to the Government or the commercial market.

6. **PACKAGING.** Preservation, packing, and marking shall be as specified in the contract or order (see 7.2). In the absence of detailed packaging requirements, the American Society for Testing and Materials (ASTM) D 3951, Standard Practice for Commercial Packaging, shall be used.

7. NOTES.

7.1 Source of documents.

7.1.1 Activities outside the Federal Government may obtain copies of federal specifications, standards, the FAR, and CIDs as specified in the General Information section of the Index of Federal Specifications, Standards, and Commercial Item Descriptions. The Index is for sale on a subscription basis from the Superintendent of Documents, U.S. Printing Office, Washington, DC 20402-0001.

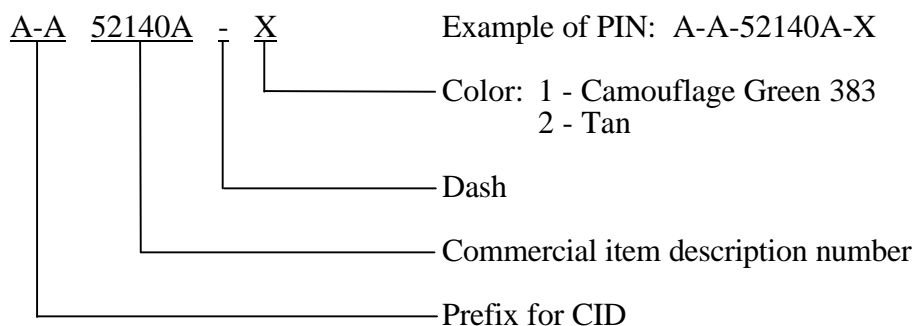
7.1.2 Single copies of this specification, and other federal specifications and CIDs required by activities outside the Federal Government for bidding purposes are available without charge from the General Services Administration, Federal Supply Service Bureau, Specification Section, Suite 8100, 470 L'Enfant Plaza, SW, Washington, DC 20407.

7.1.3 ASTM D 3951 may be obtained from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

7.2 Ordering data. Acquisition documents must specify the following:

- a. Title, number, and date of this CID.
- b. Color of the sandbag required (see section 2).
- c. Unit and quantity required.
- d. Packaging requirements (see section 6).

7.3 Part identification number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.



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7.4 National stock numbers (NSNs). The following is a list of assigned NSNs which correspond to this CID. This list may not be indicative of all possible NSNs associated with this document.

NSN	Color
8105-00-935-7101	Olive drab (not the same color as Camouflage Green 383)
8105-01-331-3704	Tan

7.5 Sources of supply. The following suppliers produce products that are known to meet the requirements of this CID. Competition is not limited to these suppliers.

Baldwin Green, Inc.
664 Marsat Ct.
Chula Vista, CA 91911
(619) 424-6122

Osterneck Company, Inc.
PO Box 859
US Highway 72 East
Lumberton, NC 28359
(910) 738-2416

B.J. Seaman
1801 South Lumber St.
Chicago, IL 60616-1509
(312) 666-6580

MILITARY INTERESTS:

Custodians

Air Force - 99
Army - MD1
Navy - MC

Reviewer

Air Force - 84

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA-2FYE

Preparing activity:
DLA-GS

(Project 8105-0376)