

INCH-POUND

A-A-55555A

5 June 2000

SUPERSEDING

A-A-55555

31 March 1994

COMMERCIAL ITEM DESCRIPTION

DUSTER, MANUALLY-OPERATED TUBULAR-PUMP MANUALLY CARRIED

The General Services Administration has authorized the use of this commercial item description for all federal agencies.

1. **SCOPE.** This commercial item description (CID) establishes the government acquisition requirements for hand-operated tubular pump insecticide dusters. Dusters are intended for pest and disease control operations in and around military and civilian facilities (offices, dining facilities, warehouses, farms, and rodent burrows).

2. SALIENT CHARACTERISTICS.

2.1 Description. The dusters shall be capable of expelling all of the powder or granules, except residual surface dust, from the pesticide container. The dusters shall be of industrial strength and quality and be commensurate with other similar items offered commercially for industrial use.

2.2 Material.

2.2.1 The material used in the construction of the dusters shall be as specified herein. Material not specified shall be selected by the contractor and shall be subject to all provisions of this specification.

2.2.2 Material shall be free from all defects and imperfections that might affect the serviceability of the finished product. Material shall be of sufficient mass and quality to provide adequate strength in design to insure safe and leak-free operation.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data that 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 3740

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2.3 Corrosion-resistant. Corrosion-resistant metal for this application is defined as any metal that is inherently corrosion-resistant to powdered or granulated pesticides. Zinc-coated steel conforming to ASTM A 924/A 924M, ASTM A 653/A 653M, or tin-plated steel shall be considered corrosion-resistant metal. Non-metallic materials shall be compatible with all materials or chemicals for which they are subject to come into contact with and shall not deteriorate during normal operation. Cadmium is not acceptable for Government procurements.

2.4 Threads. All threads shall conform to FED-STD-H28.

2.5 Surface finish. Unless otherwise specified (see 6.3(b)), the finish and color shall be the contractor's option.

2.6 Duster. The product shall consist of an air pump cylinder provided with a plunger assembly, a metal operating rod (1/4 inch (.635cm) minimum diameter, provided with a hand grip comfortable to the hand), exhaust valve, exhaust chamber, a powder container, discharge tube, and nozzle (see figure 1).

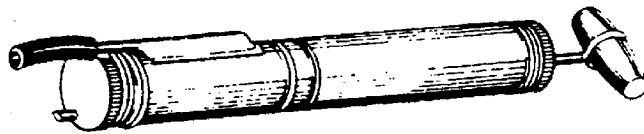


Figure 1. Duster, manually-operated tubular pump with integral powder container.

2.7 Pump and exhaust chamber. Body seams, if any, shall be as strong structurally as the body material. The inside of the pump cylinder shall be smooth. The exhaust chamber valve shall prevent pesticide powder from entering into the pump cylinder. The pump and plunger assembly, when activated, shall produce a sharp blast through the exhaust chamber causing a dust laden air stream to flow through and out of the discharge tube and nozzle.

2.8 Pesticide container. The powder container shall have a minimum powder capacity of one quart (.96 liter) or one liter liquid measure. The powder container shall have a screw cap filler opening. All sections of the powder container, except the discharge opening, shall be airtight.

2.9 Discharge tube and nozzle. The discharge tube and nozzle shall be as normally furnished by the manufacturer for dusters of this type, providing they are suitable for dusting operations herein specified (see 1). The discharge tube and nozzle shall be constructed of a corrosion-resistant material and shall have friction-type joints, screw thread joints or similar connections whereby they can be easily disassembled. The tube and nozzle shall not become disengaged while in operation.

2.10 Nameplate. A permanent nameplate shall be attached to the product. Unless otherwise specified in the acquisition order (see 6.4(c)), the nameplate shall display the following information:

- a. Nomenclature
- b. Manufacturer's name
- c. Manufacturer's model designation
- d. National stock number (if specified)
- e. Contract or order number (if specified)
- f. Date of manufacture (if specified)

2.11 Caution marking. The dusters shall be marked with the following caution marking:

"CAUTION!"

USE ONLY UNDER THE DIRECT SUPERVISION OF A TRAINED OR CERTIFIED PEST CONTROL OPERATOR. USE PERSONAL PROTECTION REQUIRED BY OSHA, 29 CFR 1910.132, 1910.133, AND 1910.134, AS APPLICABLE. OCCUPIED AREAS MUST BE EVACUATED, AND CLEARLY POSTED, PRIOR TO OPERATION.

The marking shall be solvent and wear resistant so that it remains legible during the expected use or life of the unit.

2.12 Workmanship. All dusters shall be free from defects that could impair their performance or serviceability. All parts, components, and assemblies shall be clean and free from dirt, sand, fins, pits, sprues, scale, flux, or any other extraneous material. All edges shall be rounded or beveled.

2.13 Operator's manual. The manufacturer's standard operator instruction manual shall be provided with each unit.

2.14 Replacement parts list. The manufacturer's standard replacement parts list shall be provided with each unit.

3. REGULATORY REQUIREMENTS

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

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4. PRODUCT CONFORMANCE PROVISIONS

4.1 Product conformance. The product provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance.

4.2 Market acceptability. The product offered must have been previously sold either to the government or on the commercial market.

5. PACKAGING

5.1 Preservation, packing, and marking. For acquisition purposes, dusters shall be preserved, packed, and marked in accordance with ASTM D 3951 or as specified in the acquisition order (see 6.3(d)).

6. NOTES

6.1 Sources of documents.

6.1.1 Government documents. Copies of CFR, FAR, and federal standards may be obtained from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328. Electronic copies of CFR documents may be obtained from <http://www.access.gpo.gov>. Electronic copies of federal standards may be obtained from <http://astimage.daps.dla.mil/quicksearch/>.

6.1.2 ANSI standards. Copies of ANSI standards may be obtained from the American National Standards Institute, 11 West 42nd Street, New York, NY 10036.

6.1.3 ASTM standards. Copies of ASTM standards may be obtained from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

6.2 Part or identification number (PIN). The part or identification numbering system is for government purposes and does not constitute a requirement for the contractor. A PIN number of A-A-55555-1 shall be used for tracking purposes.

6.3 Ordering data. Acquisition documents should specify the following information:

- a. CID document number, revision, and CID PIN
- b. Finish and color, if other than specified (see 2.5)
- c. Nameplate, if different (see 2.10)
- d. Packaging requirements, if other than specified (see 5.1)

6.4 Key word listing.

Duster, manually-operated
Duster, zinc-coated
Insecticide duster
Manual duster
Pesticide duster, manually-operated
Pump duster

6.5 Armed Forces Pest Management Board (AFPMB) interest. Certain provisions of this commercial item description are the subject of AFPMB interest in accordance with DOD I 4150.7. When change notice, revision or cancellation of this document is proposed, the preparing activity will act through the AFPMB and the standardization offices to make appropriate accommodations.

MILITARY INTERESTS:

Custodians:

Army - MD
Navy - MC
Air Force - 99

Reviewers:

Navy - MS
Air Force - 84
AFPMB - PM

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 6FET

Preparing activity:

DLA - GS

(Project 3740-0007)