

Armed Forces Pest Management Board
TECHNICAL INFORMATION MEMORANDUM NO. 14

PERSONAL PROTECTIVE EQUIPMENT
FOR PEST MANAGEMENT PERSONNEL

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MEMORANDUM FOR DISTRIBUTION

SUBJECT: TIM 14: Request for Timely Feedback

This TIM is being published with the objective of soliciting your good user input for a revision scheduled for one year following the date of publication.

Please provide your corrections, additions, and comments to CDR Tim Dickens at DSN 291-5365, (301) 427-5365, by FAX (301) 427-5466 or by letter. The final date for input to the next edition will be January 15, 1993.

FOR THE CHAIRMAN:


ROBERT W. CLEGERN
Colonel, BSC, USAF
Executive Director

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PURPOSE

Personnel who handle and/or apply pesticides are required to wear personal protective equipment and clothing according to the Federal Insecticide, Fungicide, and Rodenticide Act (40 CFR 162), Occupational Safety and Health Standards (29 CFR 1910), DoD Directive 4150.7, and individual pesticide labels. Such protective devices include masks, respirators, gloves, goggles, and protective clothing necessary for the pest management operations being conducted and the pesticides used. Each pest manager's unit of assignment must provide these items. This TIM provides supply and other data necessary to request and effectively use pest management protective equipment. It also contains a methodology pest management supervisors may use to help determine personal safety equipment requirements.

Equipment discussed in this TIM is required according to General Requirements, 29 CFR 1910.132, Subpart I - Personal Protective Equipment, and applicable paragraphs of 29 CFR 1910.133-13f. This TIM includes specific tri-service regulations and other guidelines which serve as procurement and issuance authorities for each equipment item

NOTE

This TIM includes Basis of Issue (BOI) Information for USA and USAF pest managers based on Service Tables of Allowances (TAs). While there are no comparative tables for USN/USMC personnel, these individuals may use BOI information here as a guideline to procure personal safety equipment for military and civilian pest managers.

DISCLAIMER

TIM 14 discusses specific proprietary products regarding respiratory system protective devices and disposable coveralls. Such information does not constitute a recommendation or an endorsement of these products by the Department of Defense. Neither should the absence of an item necessarily be interpreted as DOD disapproval. Information or inquiries concerning any equipment not listed should be sent through Command Pest Management Professionals or Applied Biologists to the Equipment Committee, Armed Forces Pest Management Board, for evaluation.

INDIVIDUAL PROTECTIVE EQUIPMENT FOR PEST MANAGEMENT PERSONNEL

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Determining Personal Safety Equipment Requirements

Among the many challenges for pest management supervisors is first to determine what personal safety equipment items are required for different pesticides, and then to insure shop personnel wear the required items. Determining equipment requirements is influenced by the type of pesticide used, its toxicity characteristics, percentage of active ingredients, and phase of handling.

The purpose of this section is to help pest management supervisors accurately determine equipment needs consistent with pesticides on hand. To help meet this goal, the Safety Equipment Requirements Worksheet in Figure 1 was developed. Effectively used, this completed form will help supervisors identify specific equipment requirements and communicate these requirements to subordinates.

Naturally, use of this form calls for some discretion. First, some pesticide labels and Material Safety Data Sheets (MSDS) only generally describe the specific types of personal protective clothing required. A supervisor's past experience and knowledge of local safety policies therefore may become the most important criteria for determining specific equipment requirements. Second, some safety equipment items, such as earplugs, are not likely to appear on a pesticide label, so the decision to wear earplugs (for example) may be based on the equipment being used and where the pesticide is to be applied, such as near an active runway.

Supervisors should make copies of this worksheet before they start, since most pest management sections stock more than 10 different pesticides. Label each sheet according to the type of pesticide described (insecticide, herbicide, etc.). Because of space limitations in Part 2 of the worksheet, use letter codes to identify specifically when each equipment item should be worn (e.g., M - mixing; A - applying, etc.). Identify codes in the Notes section of the worksheet.

SAFETY EQUIPMENT REQUIREMENT WORKSHEET

Instructions

1. Gather copies of labels for each pesticide in stock, and other information sources as needed.
2. List each pesticide, by type, in PART 1 below.
3. For each pesticide, thoroughly analyze the label, the Material Safety Data Sheet (MSDS), and other information to determine:
 - a. What safety items are required.
 - b. What phase of operations each equipment item is required for (mixing, applying, etc.).
 - c. List these requirements in part 2.
4. List any other relevant personal protection requirements in PART 3.
5. Use the completed form as a training tool and post it in an appropriate area.
6. Also use this information to determine adequacy of personal safety equipment on hand, consistent with TIM 14 and local requirements.

Pesticide Type	PART 2 Equipment Items Required							
PART 1 Pesticides Requirements								PART 3 Other
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								
Notes:								

Figure 1. Worksheet for Determining and Recording Personal Protection Needs

APRON, GENERAL PURPOSE

(1) **Description:** Apron, impermeable, cotton duck, both sides coated with chloroprene rubber. Tie tape fasteners in the back; no sleeves or pockets. Universal size; 48 inches long and 34-5/8 inches wide at the waist.

(2) **Use and maintenance:** Wear the apron when measuring and mixing pesticides, filling sprayers, or working with solvents. Aprons are especially helpful when large amounts of liquid pesticides are being handled. The apron serves as an additional precaution to prevent body contamination of the pubic region with pesticide. This region of the body is very susceptible to pesticide absorption.

To maintain aprons, simply wash them with soap and water and inspect them regularly for tears or holes. Lubricate them periodically as needed with vegetable oil to prevent cracking.

(3) **Basis of issue:**

USA: One per pest manager measuring or mixing pesticides or handling solvents.

USAF: As requested, when authorized by the unit commander.

(4) **National Stock Number:** 8415-00-082-6108.

(5) **Unit of issue:** Each (Ea).

(6) **Expendability:** Nonexpendable.

(7) **Authority:** AR 385-32, NAVMED P-5010-8. AFR 91-21. CTA 50-900, TA 016.

BOOTS, KNEE

(1) **Description:** Boots, knee, men's, noninsulated. black rubber. Fifteen inches high with waterproofed uppers and cleated or knurled rubber soles. Non-slip rubber heels.

(2) **Use and maintenance:** Rubber boots should be worn when mixing or applying liquid pesticides, especially for working on large-scale operations or with liquid pesticide concentrates. (Leather or canvas boots will absorb liquid pesticides, so don't use them alone.) Rubber boots should be worn with the tops beneath the legs of trousers, coveralls or other protective clothing.

Maintain rubber boots by frequent washing with soap and water, inside and out, to remove pesticide contaminants. These boots may be periodically lubricated with vegetable oil to prevent drying and cracking.

(3) **Basis of issue:** One pair per pest manager (USA and USAF).

(4) **National Stock Numbers:**

8430-00-262-8252	Size 5.	8430-00-262-8258	Size 11.
8430-00-262-8253	Size 6.	8430-00-262-8259	Size 12.
8430-00-262-8254	Size 7.	8430-00-262-8260	Size 13.
8430-00-262-8255	Size 8.	8430-00-262-8261	Size 14.
8430-00-262-8256	Size 9.	8430-00-262-8278	Size 15.
8430-00-262-8257	Size 10.		

(5) **Unit of issue:** Pair (Pr).

(6) **Expendability:** Nonexpendable.

(7) **Authority:** AR 385-32. NAVMED P-5010-8. AFR 91-21, CTA 50-900, TA 016.

COVERALLS, HEN'S (IAW MIL-C-27845, USA and USAF only)

(1) **Description:** Coveralls, men's white, cotton sateen. Slide fastener closure with protective fly piece at front. Leg bottoms and wrists closed with nylon tape fasteners. Three patch pockets and a drawcord at the waist.

(2) **Use and maintenance:** To mix and apply pesticides, pest managers should wear coveralls that cover the entire body to protect the skin from contamination. Coveralls are authorized for pest management personnel to wear only while performing job duties. Never use them as a replacement for normal military or civilian clothing.

Worn coveralls must be washed daily in soap and water, and separately from other clothing. To prevent contamination of other clothing, shop-dedicated washing machines and dryers are typically authorized so pest managers can maintain coveralls in a clean condition at all times.

Coveralls require frequent inspection to detect holes, tears, and thinning of material. If any of these conditions are detected, replace them through the supply system

(3) **Basis of issue:**

USA: Six per pest manager when washer and dryer are located in the pest management shop. Twelve per pest manager when no washer and dryer are located in the shop.

USAF: 3 per AFSC 566X0.

(4) **National Stock Numbers:**

8405-00-082-5529	Small short.	8405-00-082-5535	Large short.
8405-00-082-5530	Small regular.	8405-00-082-5536	Large regular.

	8405-00-082-5531	Small long.	8405-00-082-5537	Large long.
	8405-00-082-5532	Medium short.	8405-00-082-5538	X-large short.
	8405-00-082-5533	Medium regular.	8405-00-082-5539	X-large
regular.	8405-00-082-5534	Medium long.	8405-00-082-5540	X-large long.

NOTE: 8405-01-057-6440 is the primary NSN in TA 016.

- (5) **Unit of issue:** Each (Ea).
- (6) **Expendability:** Nonexpendable.
- (7) **Authority:** AR 385-32. NAVMED P-5010-8. AFR 91-21, CTA 50-900, TA 016.

COVERALLS, SAFETY, INDUSTRIAL (IAW ML-C-43570, USN and USMC only)

(1) **Description:** Coveralls, safety, industrial, white corded cotton sateen. Button fly front closure, and one patch pocket on left breast, lower left, right front, and right hip.

(2) **Use and maintenance:** Same as for Coveralls, Men's.

(3) **Basis of issue:**

USA: Same as for Coveralls, Men's (Used by USA and USN/USMC only).

(4) **National Stock Numbers:**

8415-00-782-6366	Size x-small.	8415-00-782-6369	Size large.
8415-00-782-6367	Size small.	8415-00-782-6370	Size x-large.
8415-00-782-6368	Size medium	8415-00-782-6371	Size xx-large.

(5) **Unit of issue:** Each (Ea).

(6) **Expendability:** Nonexpendable.

(7) **Authority:** AR 385-32. CTA 50-900, NAVMED P-5010-8.

COVERALLS, DISPOSABLE

(1) **Description:** Coveralls, made of spunbonded olefin (DuPont TYVEK®) fabric. Manufactured in several styles, colors and designs by various safety garment manufacturers.

(2) **Use and maintenance:** According to manufacturer specifications. Under normal conditions, use of disposable coveralls should not exceed one day or eight hours. If such garments are splashed or drenched, replace them immediately. Use garments made of untreated olefin to apply pesticidal granules, dusts, and powders. Use chemically-treated coveralls, made of products such as TYVEK® and Dow SARANEX® to apply granules, dusts, powders, and liquid pesticides. Do not use olefin coveralls to handle chlorinated hydrocarbons. Do not use polyethylene-coated olefin coveralls to handle chlorinated hydrocarbons or phosphorus compounds, and avoid potential heat-stress situations.

(3) **Basis of issue:** Not applicable.

(4) **National Stock Number:** None available. Use locally-purchased items.

(5) **Unit of issue:** Refer to manufacturer guidance.

(6) **Expendability:** Expendable.

(7) **Authority:** Current Service regulations make no specific mention of disposable coveralls. Contact the appropriate Engineering Field Division (EFD) biologist or command entomologist if additional assistance is needed.

EAR PROTECTORS

(1) **Description:** Two types of ear protectors are discussed here. The first type, ear plugs, are made of silicon rubber and have a single or triple flange to help hold the plug in the ear. The second type is aural protectors, or ear muffs. Ear muffs have a plastic outer shell covering each ear with a sound-absorbent material and replaceable plastic ear pads inside each shell. This one-piece unit has a plastic-covered metal headpiece connecting the two shells. Ear muffs are adjustable for head size and provide sound reductions of 24 dB minimum at 500 Hz and 30 dB minimum at 8000 Hz.

(2) **Use and Maintenance:** Pest managers must wear ear protective devices such as earplugs and/or ear muffs whenever they operate noisy equipment or work in hazardous-noise areas.

Earplugs are appropriate when hazardous noise exposure is intermittent and the bulk of ear muffs is undesirable. Ear plugs must be fitted by medical or safety technicians responsible for the installation Hearing Conservation Program

Ear muffs are used to protect hearing when workers are exposed to noise levels above 85 decibels or continually exposed to noise such as that produced by powered application equipment.

Maintenance of earplugs consists of washing them with soap and warm water. Inspect aural protectors periodically to detect hardening of the vinyl pads. Replace these pads when hardening is detected.

(3) **Basis of Issue:** Ear muffs -- One per individual exposed to noise hazards. Ear plugs -- One set per individual (USA and USAF).

(4) **National Stock Numbers:** No stock number is needed for ear plugs. These are fitted and issued by the office responsible for the installation Hearing Conservation Program

The NSN for ear muffs is 4240-00-022-2946.

NOTE: Ear muffs have replacable, adhesive-backed ear pads. The NSN for these is 6540-01-094-8292. This number is good for the Army, Navy, and Air Force. Because of this NSN's 6540 prefix, it is a medical supply item Contact the installation medical supply unit to order these pads.

(5) **Unit of issue:**

Ear plugs: Pair (Pr).
Ear muffs: Each (Ea).
Ear muff pads: Box (Bx). Each box has 50 pair.

(6) **Expendability:** Expendable.

(7) **Authority:** TB MED 501, NAVHED P-5010-B. AFR 91-21, AFR 161-35.

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FACESHIELD, INDUSTRIAL

(1) **Description:** Industrial face shield with a 6-inch wide plastic mask and forehead guard.

(2) **Use and Maintenance:** Pest managers should wear either a face shield or goggles when mixing and applying pesticides to protect the eyes and face from pesticide splashing or wind drift. There are times when a faceshield is more adequate than goggles and vice versa. Remember to give the eyes as much protection as possible in each circumstance. Keep pesticide containers below eye level during mixing to prevent splashes to the face.

(3) **Basis of Issue:**

USA: One per pest manager.
USAF: As required when approved by Ground Safety.

(4) **National Stock Numbers:** 4240-00-202-9473 Managed by DGSC*.
4240-00-542-2048 Managed by GSA".

(5) **Unit of Issue:** Each (Ea).

(6) **Expendability:** Expendable.

(7) **Authority:** AR 385-32, OPNAVINST 6250.4A, AFR 91-21, CTA 50-900, TA 016.

*Defense General Supply Center **General Services Administration

GLOVES, CHEMICAL AND OIL PROTECTIVE, MAN'S

(1) **Description:** Natural or synthetic rubber gloves, organic solvent resistant, 14 inches long, black, with a rolled edge cuff.

(2) **Use and Maintenance:** Pest managers should wear gloves to prevent skin contamination during all phases of pesticide handling and to clean dispersal and protective equipment. Several types of gloves are available, but leather, cotton, or medical examination gloves are not to be worn to handle pesticides. The gloves described here are unlined and liquidproof.

Gloves should fit hands snugly and should be long enough to extend well above the wrist so they can be worn under coverall sleeves. To apply pesticides to areas above the shoulders, wear the gloves outside coverall sleeves. For lower areas, wear the gloves underneath the sleeves.

To maintain gloves, wash them after each day's use with soap and water, inside and out, and inspect them for holes and tears. To do this, fill each glove with water and gently squeeze while holding the top of the glove closed with one hand. If holes or damage are found, shred and dispose of the gloves so no one else can use them

Periodically lubricate gloves with vegetable oil to prevent drying and cracking.

(3) **Basis of Issue:**

USA: One pair per pest manager.
USAF: As required when approved by unit commander.

(4) **National Stock Numbers:**

8415-00-823-7455	Size 9.	Used by all Services.
8415-00-823-7456	Size 10.	Used by all Services.
8415-00-823-7457	Size 11.	Used by all Services.
8415-00-823-7458	Size 9.	Used by USA and USAF.
8415-00-823-7459	Size 10.	Used by USAF.
8415-00-823-7460	Size 11.	Used by USAF.

(5) **Unit of issue:** Pair (Pr).

(6) **Expendability:** Expendable (USA: see CTA 50-970 for expendability).

(7) **Authority:** AR 385-32, NAVMED P-5010-8, AFR 91-21, CTA 50-900, TA 016.

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GOGGLES, INDUSTRIAL

(1) **Description:** Chemical splash goggles, anti-fog, indirect venting, acetate frame.

(2) **Use and Maintenance:** See section on face shields for use guidance. To maintain goggles, wash them after each day's use with nonabrasive soap and water. Dry with a soft cloth to prevent scratching the lens.

(3) **Basis of Issue:**

USA: One pair per pest manager.

USAF: As required for eye protection in accordance with governing directives or when authorized by Ground Safety.

(4) **National Stock Number:** 4240-00-052-3776.

(5) **Unit of issue:** Pair (Pr)

(6) **Expendability:** Expendable.

(7) **Authority:** AR 385-32. NAVMED P-5010-8, AFR 91-21, TA 016..

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HAT AND INSECT NET

(1) **Description:** Stiff, olive green, oxford crown with quilt stitched brim hat. Olive green with chin strap and inside pocket for insect net. Black nylon tulle tricot insect net is attached to the hat by an elastic cord through top hem

(2) **Use and maintenance:** Use this clothing item for head protection against mosquitoes, black flies, and other biting or stinging insects.

(3) **Basis of Issue:**

USA: One per pest manager.

USAF: As required when authorized by Unit Commander.

(4) **National Stock Numbers:**

8415-00-082-5483	Size 6-1/2.	8415-00-082-5486	Size 7-11/4.
8415-00-082-5484	Size 6-3/4.	8415-00-082-5487	Size 7-1/2.
8415-00-082-5485	Size 7.	8415-00-082-5488	Size 7-3/4.

(5) **Unit of Issue:** Each (Ea).

(6) **Expendability:** Nonexpendable.

(7) **Authority:** AR 385-32. NAVMED P-5010-8. AFR 91-21. TA 016

HELMET. SAFETY

(1) **Description:** Brinless safety helmet with a thermoplastic copolymer shell, and adjustable plastic inner lining.

(2) **Use and Maintenance:** Use this helmet in appropriate areas for protection against flying, falling, or protruding objects. It also protects the head from contact with electrical current. To maintain the helmet, periodically wash it with soap and water.

(3) **Basis of Issue:**

USA: One per pest manager.

USAF: As required when authorized by unit commander.

(4) **National Stock Numbers:**

8415-00-836-8618 Size 6-1/2 to 8. Color is usually yellow

8415-00-935-1901 Size 6-3/4 to 7-1/2. Color blue.

8415-00-935-3131 Size 6-112 to 8. Color black.

(5) **Unit of issue:** Each (Ea).

(6) **Expendability:** Nonexpendable.

(7) **Authority:** AR 385-32, NAVMED P-5010-8, AFR 91-21, TA 016.

RESPIRATOR KITS

(1) **Introduction:** Historically, the difficulty of purchasing respirators, cartridges, retainer rings, pre-filters, and other parts was compounded by the need to order under many different NSNs. To correct this problem some respirators now have one NSN that can be used to purchase an entire kit.

Each of the kits included in this section have a National Institute for Occupational Safety and Health (NIOSH) and Mine Safety Health Administration (MSHA) Approval number of TC-43C-439, and provide protection against pesticide organic vapors. The basic respirator in each kit is a half-face design with an adjustable single-piece strap that fits across the top of the head, and an adjustable, hooked strap that connects behind the wearer's neck. Differences in each kit are based on respirator sizes and the material used in the respirator facepieces--rubber or silicone.

NOTE: The information included in this section does not eliminate the need for each Pest Management section to contact the appropriate medical office before purchasing any respiratory protective equipment. The following offices have primary responsibility for identifying respiratory equipment requirements at each military installation:

**USA: Preventive Medicine Activity.
USN/USMC: Occupational Health/Industrial Hygiene
USAF: Bioenvironmental Engineering.**

(2) Use and Maintenance: To maintain respiratory protection devices, wash all rubber surfaces with soap and water after each day's use. Lubricate rubber surfaces with vegetable oil periodically to prevent the rubber from drying and cracking. Store respirators in a cool dark area if storage is to be prolonged. Discard cartridges after 8 hours of actual use, sooner if odors are detected in them or it becomes unusually difficult to breath through them Also, keep track of cartridge expiration dates to insure they aren't exceeded.

(3) Basis of Issue: One per pest manager (USA and USAF).

(4) Purchasing Information:

(a) Pesticide Respirator Kit, 3M Model EARK 3. NSN 4240-01-259-4573.

Number	Item	NSN
3 ea	#7200 rubber dual cartridge facepieces. size small/medium	4240-01-246-5399
5 pr	#7287 cartridge retainers.	4240-01-235-0823
20 ea	#7251 organic vapor cartridges.	4240-01-246-5407
100 ea	#7257 pesticide prefilters.	4240-01-246-5414

(b) Pesticide Respirator Kit, 3M Model EARK 9. NSN 4240-01-259-4578.

Number	Item	NSN
3 ea	#7300 rubber dual cartridge facepieces. size medium/large.	4240-01-246-5403
5 pr	#7287 cartridge retainers.	4240-01-235-0823
20 ea	#7251 organic vapor cartridges.	4240-01-246-5407
100 ea	#7257 pesticide prefilters.	4240-01-246-5414

(c) Pesticide Respirator Kit, 3M Model EARK 15. NSN 4240-01-259-4584.

Number	Item	NSN
3 ea	#7200S silicone dual cartridge facepieces, size small/medium	4240-01-246-5401
5 pr	#7287 cartridge retainers.	4240-01-235-0823
20 ea	#7251 organic vapor cartridges.	4240-01-246-5407
100 ea	#7257 pesticide prefilters.	4240-01-246-5414

(d) Pesticide Respirator Kit, 3M Model EARK 21. NSN
4240-01-259-4590.

Number	Item	NSN
3 ea	#7300S silicone dual cartridge facepieces. size medium/large.	4240-01-246-5404
5 pr	#7287 cartridge retainers.	4240-01-235-0823
20 ea	#7251 organic vapor cartridges.	4240-01-246-5407
100 ea	#7257 pesticide prefilters.	4240-01-246-5414

(5) Unit of Issue: Kit (Kt).

(6) Expendability: Respirator facepieces are nonexpendable. Associated parts, such as filters, retainers, etc., are expendable.

(7) Authority: AR 385-32, NAVMED P-5080-8, AFR 91-21.

SHDES, NONSPARKING

(1) Description: Black, synthetic rubber soles and leather uppers. Jet fuel resistant, oil resistant, mildew resistant, nonslip tread, nonmarking heel and sole. High blucher, safety box toe. Vamps, quarters, counter pockets, and tongues are water resistant.

(2) Use and Maintenance: Nonsparking shoes are routinely used to protect feet from contact with pesticides and to prevent foot injury from heavy falling objects. These shoes will absorb liquid pesticides, so avoid using them alone. Shoes should be worn with the tops beneath the legs of coveralls, not with coveralls tucked in. Care includes routine cleaning and polishing.

(3) Basis of Issue: One pair per pest manager (USA and USAF).

(4) National Stock Numbers:

NSN	Size	Width	NSN	Size	Width
8430-00-926-6052	5	Narrow	8430-00-926-6053	5	Regular
8430-00-926-6054	5	Wide	8430-00-926-6055	5	X-wide
8430-00-926-6056	S-112	Narrow	8430-00-926-6057	S-112	Regular
8430-00-926-6058	S-112	Wide	8430-00-926-6059	S-112	X-wide
8430-00-926-6060	6	Narrow	8430-00-926-6061	6	Regular

NSN	Size	Width	NSN	Size	Width
8430-00-926-6062	6	Wide	8430-00-926-6063	6	X-wide
8430-00-926-6064	6-1/2	Narrow	8430-00-926-6065	6-1/2	Regular
8430-00-926-6066	6-1/2	Wide	8430-00-926-6067	6-112	X-wide
8430-00-926-6068	7	Narrow	8430-00-926-6069	7	Regular
8430-00-926-6070	7	Wide	8430-00-926-6071	7	X-wide
8430-00-926-6072	7-112	Narrow	8430-00-926-6073	7-112	Regular
8430-00-926-6074	7-1/2	Wide	8430-00-926-6075	7-1/2	X-wide
8430-00-926-6076	8	X-narrow	8430-00-926-6077	8	Narrow
8430-00-926-6078	8	Regular	8430-00-926-6079	8	Wide
8430-00-926-6080	8	X-wide	8430-00-926-6081	8-112	X-narrow
8430-00-926-6882	8-112	Narrow	8430-00-926-6886	8-1/2	Regular
8430-00-926-6887	8-1/2	Wide	8430-00-926-6888	8-1/2	X-wide
8430-00-926-6889	8-1/2	X-wide	8430-00-926-6890	9	Narrow
8430-00-926-6891	9	Regular	8430-00-926-6892	9	Wide
8430-00-926-6893	9	X-wide	8430-00-926-6894	9-1/2	X-narrow
8430-00-926-6895	9-1/2	Narrow	8430-00-926-6896	9-1/2	Regular
8430-00-926-6897	9-1/2	Wide	8430-00-926-6898	9-1/2	X-wide
8430-00-926-6899	10	X-narrow	8430-00-926-9884	10	Narrow
8430-00-926-9885	10	Regular	8430-00-926-9886	10	Wide
8430-00-926-9887	10	X-wide	8430-00-926-9888	10-1/2	X-narrow
8430-00-926-9889	10-1/2	Narrow	8430-00-926-9890	10-1/2	Regular
8430-00-926-9891	10-1/2	Wide	8430-00-926-9892	10-1/2	X-wide
8430-00-926-9893	11	X-narrow	8430-00-926-9894	11	Narrow
8430-00-926-9895	11	Regular	8430-00-926-9896	11	Wide
8430-00-926-9897	11	X-wide	8430-00-926-9898	11-1/2	X-narrow
8430-00-926-9899	11-1/2	Narrow	8430-00-926-9900	11-1/2	Regular
8430-00-926-9901	11-1/2	Wide	8430-00-926-9902	11-1/2	X-wide
8430-00-926-9903	12	X-narrow	8430-00-926-9904	12	Narrow
8430-00-926-9905	12	Regular	8430-00-926-9906	12	Wide
8430-00-926-9907	12	X-wide	8430-00-926-9908	12-1/2	X-narrow
8430-00-926-9909	12-1/2	Narrow	8430-00-926-9910	12-1/2	Regular
8430-00-926-9911	12-1/2	Wide	8430-00-926-9912	12-1/2	X-wide
8430-00-926-9913	13	X-narrow	8430-00-926-9914	13	Narrow
8430-00-926-9915	13	Regular	8430-00-926-9916	13	Wide
8430-00-926-9917	13	X-wide	8430-00-926-9918	13-1/2	X-narrow
8430-00-926-9919	13-1/2	Narrow	8430-00-926-9920	13-1/2	Regular
8430-00-926-9921	13-1/2	Wide	8430-00-926-9922	13-1/2	X-wide
8430-00-926-9923	14	X-narrow	8430-00-926-9924	14	Narrow
8430-00-926-9925	14	Regular	8430-00-926-9926	14	Wide
8430-00-926-9927	14	X-wide	8430-00-926-9928	14-112	X-narrow
8430-00-926-9929	14-112	Narrow	8430-00-926-9930	14-1/2	Regular
8430-00-926-9931	14-1/2	Wide	8430-00-926-9932	14-1/2	X-wide
8430-00-926-9933	15	X-narrow	8430-00-926-9934	15	Narrow
8430-00-926-9935	15	Regular	8430-00-926-9936	15	Wide
8430-00-926-9937	15	X-wide			

(5) Unit of Issue: Pair (Pr).

(6) Expendability: Nonexpendable.

(7) Authority: AR 385-32, NAVMED P-5010-8. AFR 91-21, CTA 50-900, TA

016.

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8. DoD Directive 4150.7, Department of Defense Pest Management Program 24 October 1983.
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11. TA 016 (USAF). Special Purpose Clothing and Personal Equipment, 15 February 1991, Part B.
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13. TB MED 502 (USA). Respiratory Protection, February 1982.

Other References:

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15. Title 40. CFR. 1978 Edition, Part 162. Regulations for the Enforcement of the Federal Insecticide, Fungicide, and Rodenticide Act.