

## SECTION A

### ADAPTER - DUCT 10" MALE

NSN 4730-01-378-5288

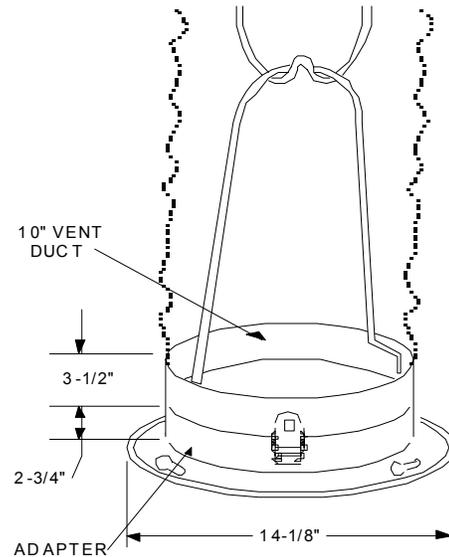
WT. 3.0 lbs      VOL. in<sup>3</sup>

**DESCRIPTION:** Flexible vent duct adapter

**USE:** Used to connect 10" air duct to the water driven fan to bring outside air into a compartment or to de-smoke a compartment

**USE TIP:** Avoid sharp bends or crushing of the duct.  
Two per kit.

**REF:** Desmoking Equipment Kit.



### ADAPTER - (FLANGE TO HOSE THREADS) 3" FLANGE / 2-1/2" NH (M) HOSE

NSN 4730-00-289-2046

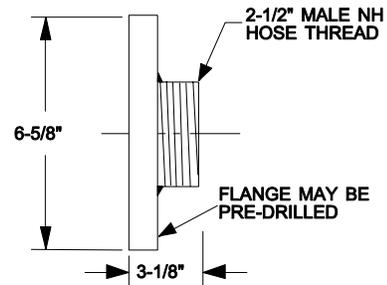
WT. 7.0 lbs.      VOL. 137.0 in.<sup>3</sup>

**DESCRIPTION:** This flange is made of bronze and is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe.

**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas, 150 PSI at 150° F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400° F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

**REF:** Adapters/Connections Kit.

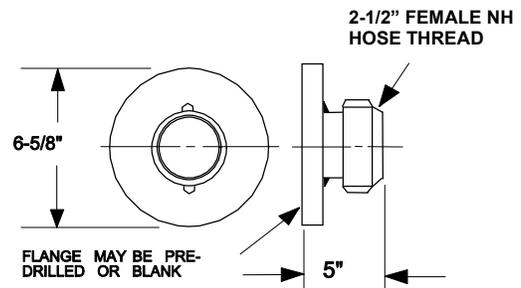


**ADAPTER - (FLANGE TO HOSE THREADS)**  
3" FLANGE / 2-1/2" NH (F) HOSE

**NSN 4730-00-277-3379**

**WT.** 9.5 lbs.      **VOL.** 296.4 in.<sup>3</sup>

**DESCRIPTION:** This flange is made of bronze and is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe.



**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas, 150 PSI at 150° F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400° F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

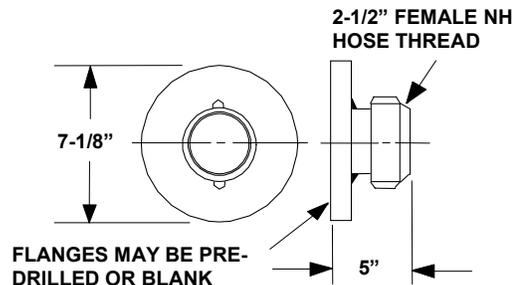
**REF:** Adapters/Connections Kit.

**ADAPTER - (FLANGE TO HOSE THREADS)**  
3-1/2" / 2-1/2" (F) HOSE

**NSN 4730-00-277-3380**

**WT.** 9.0 lbs.      **VOL.** 258.3 in.<sup>3</sup>

**DESCRIPTION:** This is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe. Adapter has swivel nut, gasket, threaded external hose connection and a 2-1/2" female hose thread.



**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas, 150 PSI at 150° F.

**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400° F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

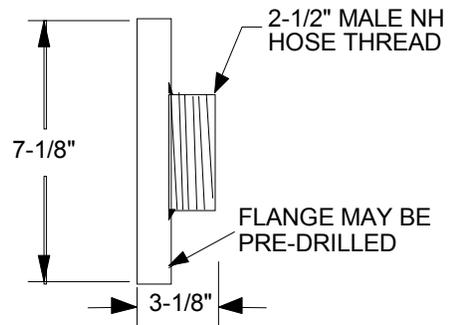
**REF:** Adapters/Connections Kit.

**ADAPTER - (FLANGE TO HOSE THREADS)**  
3-1/2" FLANGE / 2-1/2" NH (M) HOSE

**NSN 4730-00-289-2047**

**WT.** 7.0 lbs.      **VOL.** 187.7 in.<sup>3</sup>

**DESCRIPTION:** This flange is made of bronze and is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe.



**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI and 425° F. For water, oil, and gas, 150 PSI at 150° F. The fittings are intended for use with copper tube, copper-nickel tube, brass tube, and nickel copper alloy tube.

**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400°F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

**REF:** Adapters/Connections Kit.

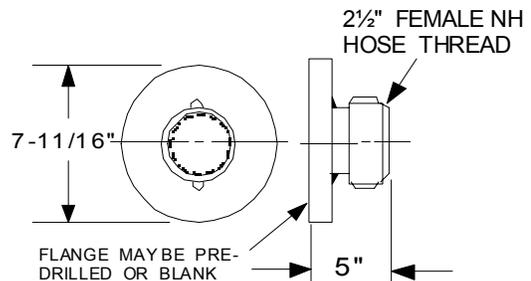
**ADAPTER - (FLANGE TO HOSE THREAD)**  
4" FLANGE / 2-1/2" NH (F) HOSE

**NSN 4730-00-277-3381**

**WT.** 10.0 lbs.      **VOL.** 294.9 in.<sup>3</sup>

**DESCRIPTION:** This flange is made of bronze and

is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe with a swivel nut gasket seal and a threaded internal hose connection. NH thread 2-1/2 - 7-1/2. Non Spec.



**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas, 150 PSI at 150° F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400° F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

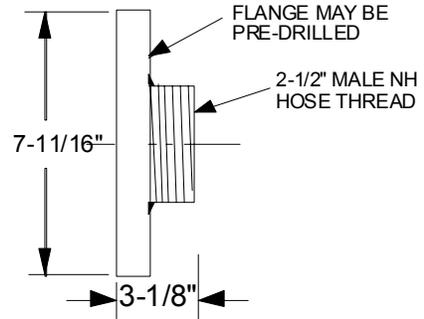
**REF:** Adapters/Connections Kit.

**ADAPTER - (FLANGE TO HOSE THREAD)**  
4" FLANGE / 2-1/2" NH (M) HOSE

**NSN 4730-00-289-2048**

**WT.** 9.0 lbs.      **VOL.** 187.7 in<sup>3</sup>

**DESCRIPTION:** This is a variation of a solid blank flange plate except that the center is cut away and the hole is surrounded by a short threaded pipe.



**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas, 150 PSI at 150° F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400°F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

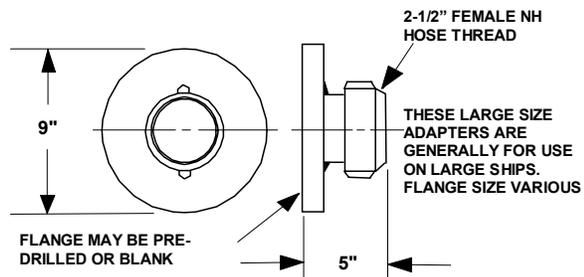
**REF:** Adapters/Connections Kit.

**ADAPTER - (FLANGE TO HOSE THREAD)**  
5" FLANGE / 2-1/2" NH (F) HOSE-FEMALE

**NSN 4730-00-277-3382**

**WT.** 13.0 lbs.      **VOL.** 232.9 in<sup>3</sup>

**DESCRIPTION:** This is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe. Adapter has a 2-1/2 inch female hose thread with swivel nut, gasket seal and threaded internal hose connection.



**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas, 150 PSI at 150°F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

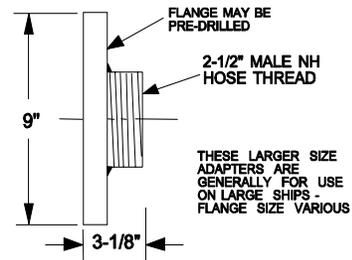
**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400°F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

**REF:** Adapters/Connections Kit.

**ADAPTER - (FLANGE TO HOSE THREAD)**  
5" FLANGE / 2-1/2" NH (M) HOSE

**NSN 4730-00-289-2049**

**WT.** 12.0 lbs.      **VOL.** 187.7 in.<sup>3</sup>



**DESCRIPTION:** This is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe. Adapter has a threaded external hose connection with a 2-1/2 inch male hose thread.

**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas; 150 PSI at 150° F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

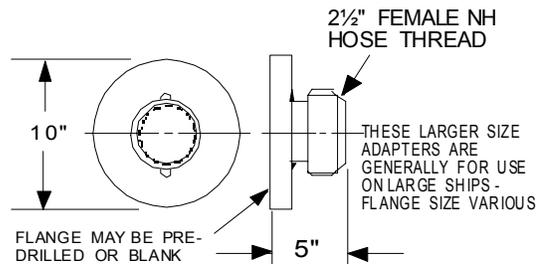
**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400° F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

**REF:** Adapters/Connections Kit.

**ADAPTER - (FLANGE TO HOSE THREAD)**  
6" FLANGE / 2-1/2" NH (F) HOSE

**NSN 4730-00-277-3383**

**WT.** 15.0 lbs.      **VOL.** 194.6 in.<sup>3</sup>



**DESCRIPTION:** This is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe. Adapter has swivel nut gasket seal, threaded internal hose connection and a 2-1/2 inch female hose thread.

**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas, 150 PSI at 150° F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

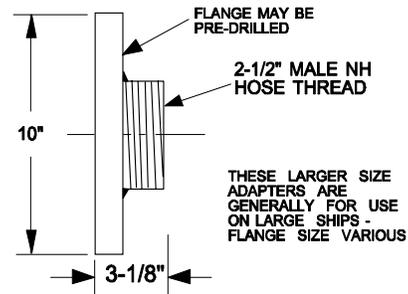
**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400° F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

**REF:** Adapters/Connections Kit.

**ADAPTER - (FLANGE TO HOSE THREAD)**  
6" FLANGE / 2-1/2" NH (M) HOSE

**NSN 4730-00-289-2050**

**WT.** 17.0 lbs.      **VOL.** 281.9 in.<sup>3</sup>



**DESCRIPTION:** This is a variation of a solid blank flange plate except that the center is cut away, and the hole is surrounded by a short threaded pipe. Adapter has threaded external hose connection for a 2-1/2 inch male hose thread.

**USE:** The adapter may be bolted to any similar flange on a pipeline, and a hose may be coupled to the pipe threads for rigging a jumper hose; a plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425° F; for water, oil, and gas, 150 PSI at 150° F. The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

**USE TIP:** The installation of these flanges is intended to be accomplished by silver brazing without exceeding a temperature of 1400° F. All the items with bolt holes or slots must have the required nuts, bolts, and gaskets attached.

**REF:** Adapters/Connections Kit.

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**ADAPTER - HOSE TO PIPE THREADS**  
1-1/2" (F) NPSH X 1-1/2" (M) PIPE

**NSN 4210-01-037-6265**

**WT.** 1.5 lbs      **VOL.** 21.3 in<sup>3</sup>

**DESCRIPTION:** Hose to pipe adapter made of copper alloy overall, NPT pipe thread at one end and NPSH hose thread at the other end.

Type 16, Class C and Class D. 1-1/2" NPSH, 1-1/2 NPT.

**USE:** Used to make a connection from a flange pipe to a hose or jumper.

**USE TIP:** Avoid damage to threads.

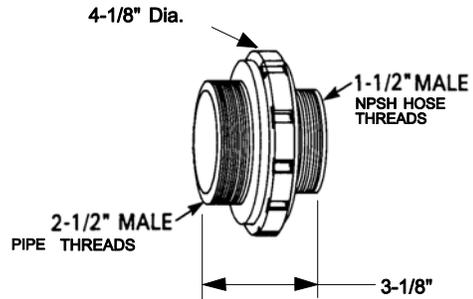
**REF:** Adapters/Connections Kit.

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**ADAPTER - HOSE TO PIPE THREADS**  
1-1/2" (M) NPSH HOSE / 2-1/2" (M) PIPE

**NSN 4210-00-277-3378**

**WT.** 2.5 lbs.      **VOL.** 53.2 in.<sup>3</sup>



**DESCRIPTION:** Pipe to hose adapter made of copper alloy overall, NPT pipe thread at one end and NPSH hose thread at the other end. Type 16, Class C and Class D. 2-1/2" NPSH, 1-1/2 NPT.

**USE:** Used to make a connection from a flange pipe to a hose or jumper.

**USE TIP:** Avoid damage to threads.

**REF:** Adapters/Connections Kit.

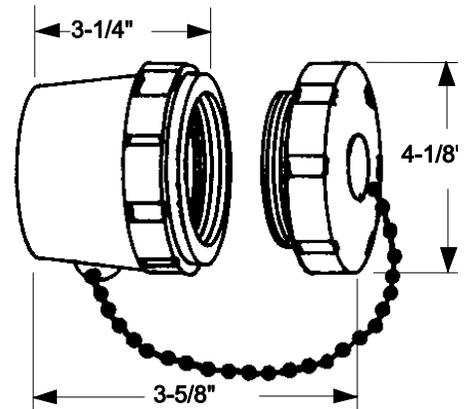
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**ADAPTER - HOSE DOUBLE FEMALE**  
2-1/2" (F) PIPE / 2-1/2" (F) HOSE

**NSN 4210-00-355-4862**

**WT.** 5.5 lbs.      **VOL.** 48.0 in.<sup>3</sup>

**DESCRIPTION:** Female pipe to female hose adapter with plug and chain.



**USE:** Used to join one fire hose male end together with 2-1/2 inches in diameter male pipe connection during a jumper operation between two fire plugs.

**USE TIP:** Avoid damage to threads.

**REF:** Adapters/Connections Kit.

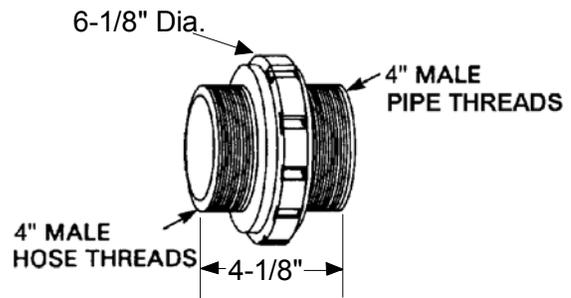
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**ADAPTER - DOUBLE (M) 4" DISCHARGE  
DESANNE MOD 74-7**

**1HM0000-LL-CQA-0077**

**WT.** 3.0 lbs      **VOL.** 154.7 in<sup>3</sup>

**DESCRIPTION:** Bronze, swivel nut, gasket seal for threaded internal hose connection.



**USE:** Used to connect a 4 inch eductor discharge hose to overboard female connection. A hose may be coupled to the pipe threads for rigging a jumper hose. A plug or cap may be installed to blank the line. Maximum operating pressure for steam is 100 PSI at 425°F. For water, oil, and gas, 150 PSI at 150° F.

**USE TIP:** The fittings are intended for use with copper tube, copper nickel tube, brass tube, and nickel copper alloy tube.

**REF:** Adapters/Connections Kit.

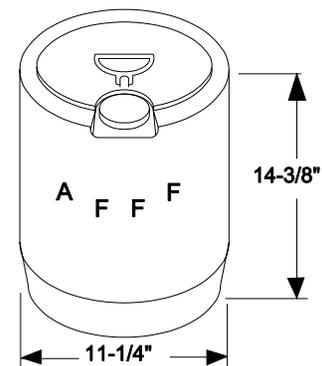
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**AFFF FOAM CONCENTRATE - TYPE 6 (6 PERCENT)  
5 GALLONS**

**NSN 4210-01-056-8343**

**WT.** 45.0 lbs      **VOL.** 1,983.8 in<sup>3</sup>

**DESCRIPTION:** Aqueous film forming foam, AFFF (light water) is a noncorrosive, nontoxic chemical concentrate. AFFF is provided in 5 gallon plastic (molded polyethylene) containers which last approximately three minutes. AFFF acts to separate the fuel and air to enhance extinguishment and prevent reflash.



**USE:** Used to develop a foaming fire extinguishing agent that will extinguish Class "B" fires. For use with Proportioner, Foam Liquid Injection Pump, In-line Eductor, Nozzle, and Fire Hose.

**USE TIP:** Must be properly proportioned at 6 parts concentrate to 94 parts of water and properly aerated.

**REF:** Firefighting/Access Equipment Kit.

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**ALARM - PERSONNEL ALERT**

**NSN 6340-01-414-0302**

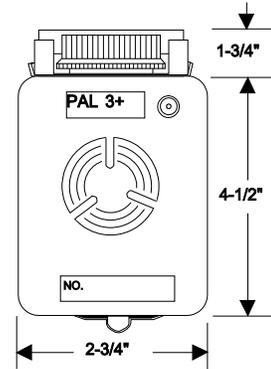
**WT.** 0.6 lbs      **VOL.** 21.7 in<sup>3</sup>

**DESCRIPTION:** This safety alarm is carried by firefighting personnel to warn of areas containing an insufficient amount of oxygen in the air for survival.

**USE:** Five issued per ship. Weight includes battery, 9 volt.

**USE TIP:** Stowage determined by Gas Free Engineer.

**REF:** NDI Equipment



**AMPLIFIER - SOUND/POWERED PHONE**

**NSN 5996-01-414-7676**

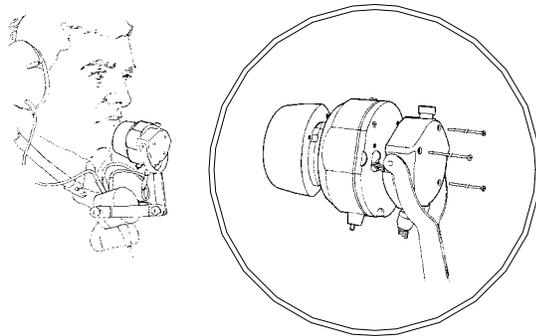
**WT.** 0.5 lbs      **VOL.** 18.0 in<sup>3</sup>

**DESCRIPTION:** Amplifies sound for sound powered phone communications with the DC party.

**USE:** Can be used without electrical power.

**USE TIP:** Two per DCRS.

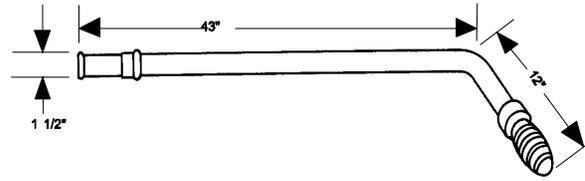
**REF:** Emergency Communications Kit.



**APPLICATOR NOZZLE - 4 FEET**

**NSN 4210-00-372-0864**

**WT.** 5.0 lbs.      **VOL.** 924.0 in.<sup>3</sup>



**DESCRIPTION:** 4 foot all purpose nozzle attaches to 1-1/2" hose with enclosed copper nickel strainer. Head end of tubing is bent at a 60° angle.

**USE:** Provides cooling using low velocity fog head. One end fitted with low velocity fog head; other end fitted with bayonet joint which snaps into position in the nozzle. Used with three-position water nozzles.

**USE TIP:** Use to reach around obstructions.

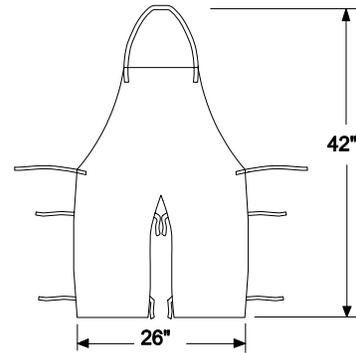
**REF:** Firefighting/Access Equipment Kit. NAVSEA Dwg No. 810-1385834.

**APRON-WELDERS - BIB-SPLIT LEG TYPE, 0.025" THICK  
CATTLE WIDE LEATHER**

**NSN 8415-00-250-2531**

**WT.** 2.0 lbs      **VOL.** 68.2 in<sup>3</sup>

**DESCRIPTION:** Natural Chrome-tanned cattle hide leather apron. Bib and split-leg type. Equipped with leather straps and six socket type snap fasteners.



**USE:** Used to protect welders during welding operations.

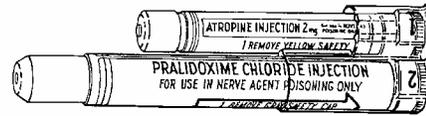
**USE TIP:** Replacement item.

**REF:** Welding Equipment Kit.

**ATROPINE - INJECTION**

**NSN 6505-00-926-9083**

**WT.** 0.3 lbs      **VOL.** 15.0 in<sup>3</sup>



**DESCRIPTION:** Nerve agent antidote. Quick acting injection provides protection against nerve agent poisoning.

**USE:** To be used during a nerve agent attack.

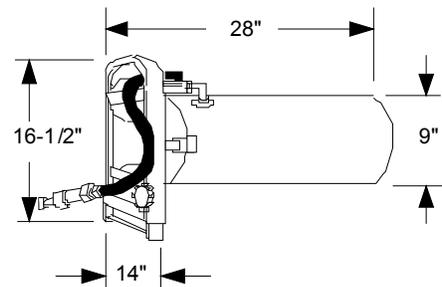
**USE TIP:** This is a BUMED control item. Listed for information and stowed as directed by the Medical Department. Shipboard allowance is to be computed from requirements provided in NAVMED P-5041.

**REF:** CBR Personnel CP Equipment Kit.

**ATTACHMENT - PORTABLE WATER BLOWER**  
Multiplier/Mister

**NSN 4140-01-414-0670**

**WT.** 17.0 lbs      **VOL.** 4,158.0 in<sup>3</sup>



**DESCRIPTION:** Lightweight attachment to a water driven fan which develops an air stream with a low flow mist.

**USE:** Provides a water medium that reduces the effects of heat and smoke particles on firefighters (can have the cooling effect of 90 GPM manned fog nozzles). Can produce an unmanned fire boundary.

**USE TIP:** One per DCRS.

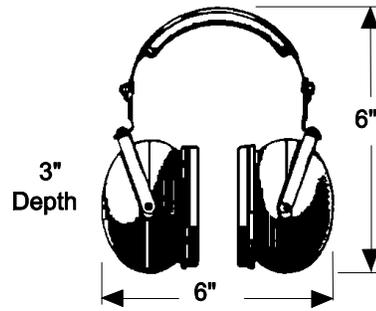
**REF:** NDI item. Desmoking Equipment Kit.

**AURAL PROTECTOR, HEADSET -**

**NSN 4240-00-759-3290**

**WT.** 0.6 lbs      **VOL.** 108.0 in<sup>3</sup>

**DESCRIPTION:** Earmuff, sound protector kit, consists of headpad assembly headband spring, 1 pair of ear seals, dome and filter. 1 package of 10 retaining rings and stirrup assembly.



**USE:** Used to provide hearing protection against noises encountered by flight deck crews during flight deck operations, engine room personnel in machinery spaces, and by all other personnel who are exposed to hazardous noises.

**USE TIP:** Aural protectors should fit snugly over the ears, and should not dig into the back of the ears. Five per kit.

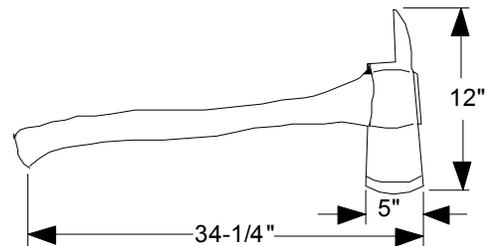
**REF:** Portable Pump Accessories Kit.

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**AX-PICK HEAD - CARBON STEEL  
TYPE II 5" CUTTING EDGE**

**NSN 4210-00-142-4949**

**WT.** 8.4 lbs.      **VOL.** 545.5 in.<sup>3</sup>



**DESCRIPTION:** Head is 11-3/4 inches long with a 5 inch cutting edge and a 34-1/4 inches long handle. The head weighs 6 lbs.

**USE:** Used by fire fighters as a tool for access, forcible entry/post fire overhaul operations with a cutting edge and a punch end.

**USE TIP:** Recommend providing a protective cover for the ax blade. Paint ax head red.

**REF:** Firefighting/Access Equipment Kit.

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