

# **PIPE PATCHING KIT**

**AEL Range: 2-880044268 to 4269**

A laminated inventory list should be provided with this kit.

# PIPE PATCHING KIT

Quantity  
Required

KIT - PIPE PATCHING-DC

1HM0000-LL-CQA-0095

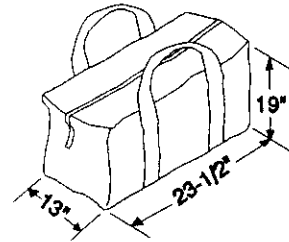
This kit identifies all equipment used for the function of providing emergency pipe repair on L.P. systems. Individual items are listed on AEL #2-880044268 and in alphabetical order in this guide.

**BAG-KIT -**

NSN 8460-00-606-8366

WT. 2.3 lbs

VOL. 5,804.5 in<sup>3</sup>



2  
each

Helpful Hints: Replacement item. Utilize bag of equal size. If bag is substitute, it must fit through escape scuttle 18" in diameter. Stow all plugs/wedges, oakum, duck cloth, marlin and rubber sheet in 1st bag and stencil in 1" black letters "PIPE PATCHING MATERIALS". In 2nd bag stow all tools and stencil in 1" black letters "PIPE PATCHING TOOLS".

Actual Inventory:

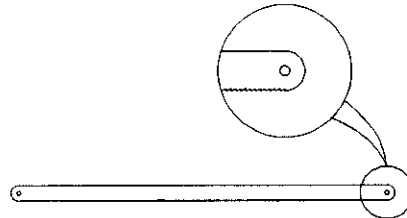
**BLADE - HACKSAW 12"**

Teeth Size  
(24 Teeth per inch)

NSN 5110-00-277-4590 = 12" blade

WT. 0.5 lbs.

VOL. 3.8 in<sup>3</sup>



1  
bdl

Helpful Hints: 10 blades per box.

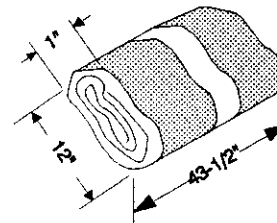
Actual Inventory:

**CANVAS - DUCK CLOTH**  
36" WIDE ROLL - 6' LONG

NSN 8305-01-198-9806

WT. 3.5 lbs.

VOL. 522.0 in<sup>3</sup>



2  
yards

Helpful Hints:

Actual Inventory:

# PIPE PATCHING KIT

Quantity  
Required

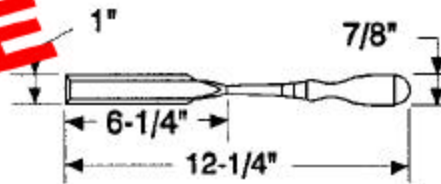
CHISEL - WOOD 1" X 6-1/4" BLADE

NSN 5110-00-640-5419

WT. 3.1 oz

VOL. 6.1 in.<sup>3</sup>

**DELETE**



1

Helpful Hints: Recommend providing protective cover over cutting edge.

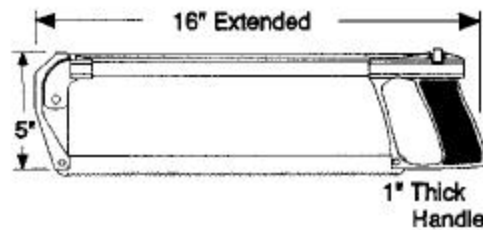
Actual Inventory:

FRAME - HAND HACKSAW  
PISTOL GRIP, ADJUSTABLE FOR 10" TO  
12" BLADES.

NSN 5110-00-289-9657

WT. 2.4 lbs.

VOL. 90.2 in.<sup>3</sup>



1

Helpful Hints: Recommend providing protective cover for saw blade.

Actual Inventory:

GLOVES - CUT RESISTANT

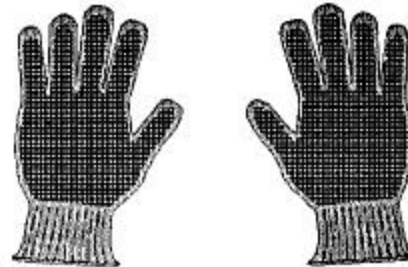
1HS0000-LL-CQA-4568

NSN 4220-01-397-7348 - sz med

4220-01-397-7349 - sz lg

WT. 0.5 lbs.

VOL. 56.0 in.<sup>3</sup>



2 pr  
ea  
size

Helpful Hints: Gloves provide protection when handling sharp objects.

Actual Inventory:

# PIPE PATCHING KIT

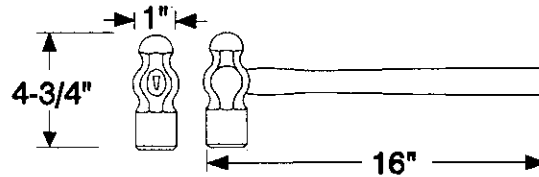
Quantity  
Required

**HAMMER - BALLPEEN  
MACHINIST 2 LB.  
16" HANDLE (HICKORY)**

**NSN 5120-00-061-8546**

**WT. 2.5 lbs**

**VOL. 76.0 in<sup>3</sup>**



1

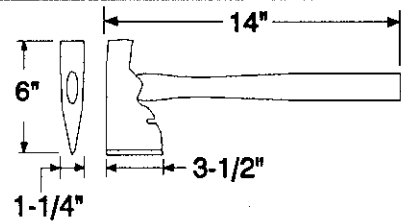
Helpful Hints: Used to drive wedges in pipe patches and to peen down ears on buckles in banding installation on pipes.

Actual Inventory:

**HATCHET - HALF TYPE C  
14" HANDLE-HICKORY  
HEAD WEIGHT 18 TO 26 OZ.  
NSN 5110-00-228-3161**

**WT. 3.1-3.6 lbs**

**VOL. 112.5 in<sup>3</sup>**



1

Helpful Hints: Recommend providing protective cover.

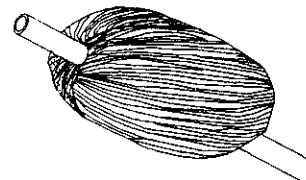
Actual Inventory:

**MARLINE-TAR - 2 PLY**

**NSN 4020-00-240-2185**

**WT. 20 lbs.**

**VOL. 1,728.0 in<sup>3</sup>**



1  
coil

Helpful Hints: Comes in box of 20 @ 5 lbs. Cut 131 ft. of marlin from coil or ball. Wrap around wooden dowel (12" broom handle stock) and stow in bag to reduce weight/bulk of kit bag. Start 1-1/2" in from end, wrap marlin tight.

Actual Inventory:

# PIPE PATCHING KIT

Quantity  
Required

OAKUM SPUN TAR -

NSN 5330-00-191-5679

WT. 1.0 lbs. VOL. 448.0 in<sup>3</sup>



1  
lb.

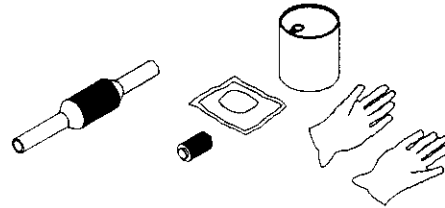
Helpful Hints: Provide 1 lb. of oakum in bag and stow in a protective package. Place the remainder in a box in DCRS to reduce the weight and bulk of the kit bag. Oakum supplied in either 5 lb. or 50 lb. boxes.

Actual Inventory:

PATCH - EMERGENCY WATER ACTIVATED

NSN 5330-01-242-6186 - 2" WIDE  
5330-01-253-9953 - 4" WIDE

WT. 0.3 lbs. VOL. 20.0 in<sup>3</sup>



1  
each  
size

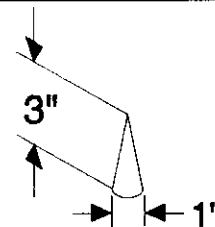
Helpful Hints: Provide dry stowage location. Prevent puncture of package.

Actual Inventory:

PLUG - WOOD, TAPERED  
1" x 0" DIA x 3"

NSN 5510-00-260-8953

WT. 1.0 oz VOL. 0.7 in<sup>3</sup>



2

Helpful Hints: Softwood, Douglas Fir.

Actual Inventory:

# PIPE PATCHING KIT

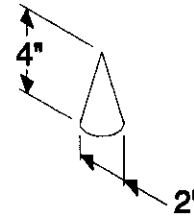
Quantity  
Required

**PLUG - WOOD, TAPERED**  
2" x 0" DIA x 4"

**NSN 5510-00-260-8958**

**WT.** 0.1 lbs.                      **VOL.** 4.2 in<sup>3</sup>

Helpful Hints: Softwood, Douglas Fir.



2

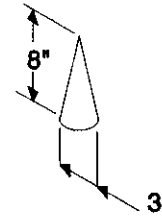
Actual Inventory:

**PLUG - WOOD, TAPERED**  
3" x 0" DIA x 8"

**NSN 5510-00-260-8962**

**WT.** 0.4 lbs.                      **VOL.** 18.8 in<sup>3</sup>

Helpful Hints: Softwood, Douglas Fir.



2

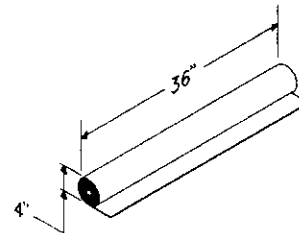
Actual Inventory:

**RUBBER SHEET - SOLID**  
2 SHEETS 1/4" X 36" X 36"

**NSN 5330-00-179-0052**

**WT.** 4.0 lbs.                      **VOL.** 576.0 in<sup>3</sup>

Helpful Hints: Used to provide gasket for pipe patches and strongbacks in banding kit.



2

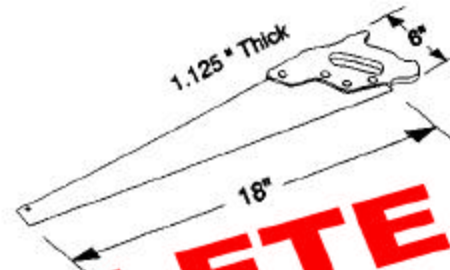
Actual Inventory:

# PIPE PATCHING KIT

Quantity  
Required

**SAW - 18"**  
METAL CUTTING EDGE  
15 POINTS PER INCH

NOTE: THIS SAW IS SHAPED LIKE  
A WOOD SAW BUT HAS TEETH  
SIMILAR TO A HACKSAW FOR  
USE IN METAL CUTTING.



1

**NSN 5110-00-221-0235**

**WT. 2.0 lbs.**

**VOL. 117.0 in.<sup>3</sup>**

**DELETE**

Helpful Hints: Recommend providing cover for saw teeth (Split fire hose).

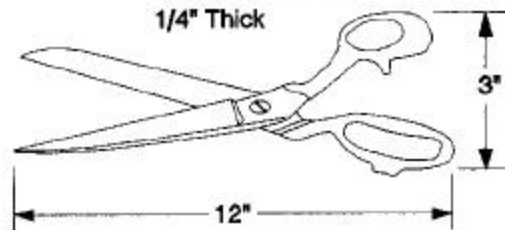
Actual Inventory:

**SHEARS - TAILOR 12"**

**NSN 5110-00-223-6370**

**WT. 0.6 lbs.**

**VOL. 9.4 in.<sup>3</sup>**



1

Helpful Hints:

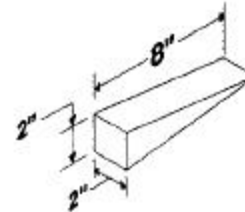
Actual Inventory:

**WEDGES - WOOD**  
2" x 2" x 8"

**NSN 5510-00-268-3479**

**WT. 0.4 lbs**

**VOL. 16.0 in.<sup>3</sup>**



2

Helpful Hints: Softwood, Douglas Fir.

Actual Inventory:

# PIPE PATCHING KIT

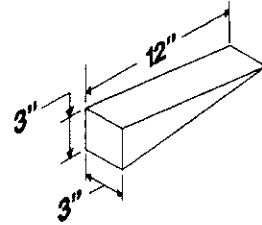
Quantity  
Required

**WEDGES - WOOD**  
3" x 3" X 12"

**NSN 5510-00-268-3481**

**WT.** 1.2 lbs

**VOL.** 54.0 in<sup>3</sup>



2

Helpful Hints: Softwood, Douglas Fir.

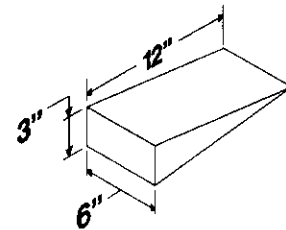
Actual Inventory:

**WEDGES - WOOD**  
3" x 6" x 12"

**NSN 5510-00-268-3482**

**WT.** 2.5 lbs

**VOL.** 108.0 in<sup>3</sup>



2

Helpful Hints: Softwood, Douglas Fir.

Actual Inventory: