

INCH-POUND

MIL-L-35078/1C  
 18 May 1990  
 SUPERSEDING  
 MIL-L-35078/1B  
 30 September 1981

## MILITARY SPECIFICATION SHEET

LOADS, UNIT: TYPE I, CLASS A - PALLETIZED, STRAPPED OR FILM BONDED LOAD

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring type I, class A unit loads described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-L-35078.

## REQUIREMENTS:

- ① Construction of type I, class A unit loads. Type I, class A unit loads shall have the commodity containers arranged on a pallet with a top and bottom pad, then be strapped with steel or nonmetallic straps specified in MIL-L-35078 and as shown on figure 3. The top pad shall be made of specified fiberboard. Edge protectors and crossties shall be used on metal strapping as shown on figure 3. Nonmetallic straps shall be tensioned to indent the edge of the boxes or pad a minimum of 1/4 inch without tearing the edge to which applied. Alternatively, each unit load shall be bonded with shrink or stretch film in accordance with the applicable requirements of MIL-STD-147. When stretch film is used, the top of the load shall be covered with a weather-resistant fiberboard pad in accordance with MIL-STD-147 or covered with a sheet of plastic film. If less than full width film is used, films should overlap so as to ensure complete coverage. The top film shall extend down all four sides a minimum of 12 inches. Shrink film will be a bag encapsulated over the entire load and extending at least evenly with the underside of the bottom deck board of the pallet. Stretch wrap film shall be stretched around the load in multiple wraps from the top of the bottom deckboard to not less than 2 inches above the height of the load. Pads are not required when commodities are packed in V2s fiberboard boxes with V2s sleeves or taped seams.

- ① Denotes changes.

NO DELIVERABLE DATA REQUIRED BY THIS DOCUMENT

AREA-PACK

1 of 3

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## MIL-L-35078/1C

## QUALITY ASSURANCE PROVISIONS:

The unit loads shall be examined for the applicable defects listed in table II, MIL-L-35078. In addition, the defects listed in the following table shall apply.

TABLE I. Additional unit load defects

Item	Defect
Shrink film when used	Material or film thickness not as specified Not tight, burned through or loosely applied Not secured under top deck boards of pallet
Stretch film when used	Film not correct material or thickness Number of plies of film not adequate to conform to sum of film thickness requirements Film not tensioned or secured to deckboards or top of load Weather resistant fiberboard pad, or plastic film on top of load missing or of insufficient size Film does not extend a minimum of 2 inches above the height of load

## Custodians:

Army - GL  
Navy - SA  
Air Force - 50

## Preparing activity:

Army - GL  
(Project PACK-0920-1)

## Review activities:

Army - MD  
Navy - MS  
Air Force - 45  
DP - SS

## User activity:

Navy - MC

MIL-L-35078/1C

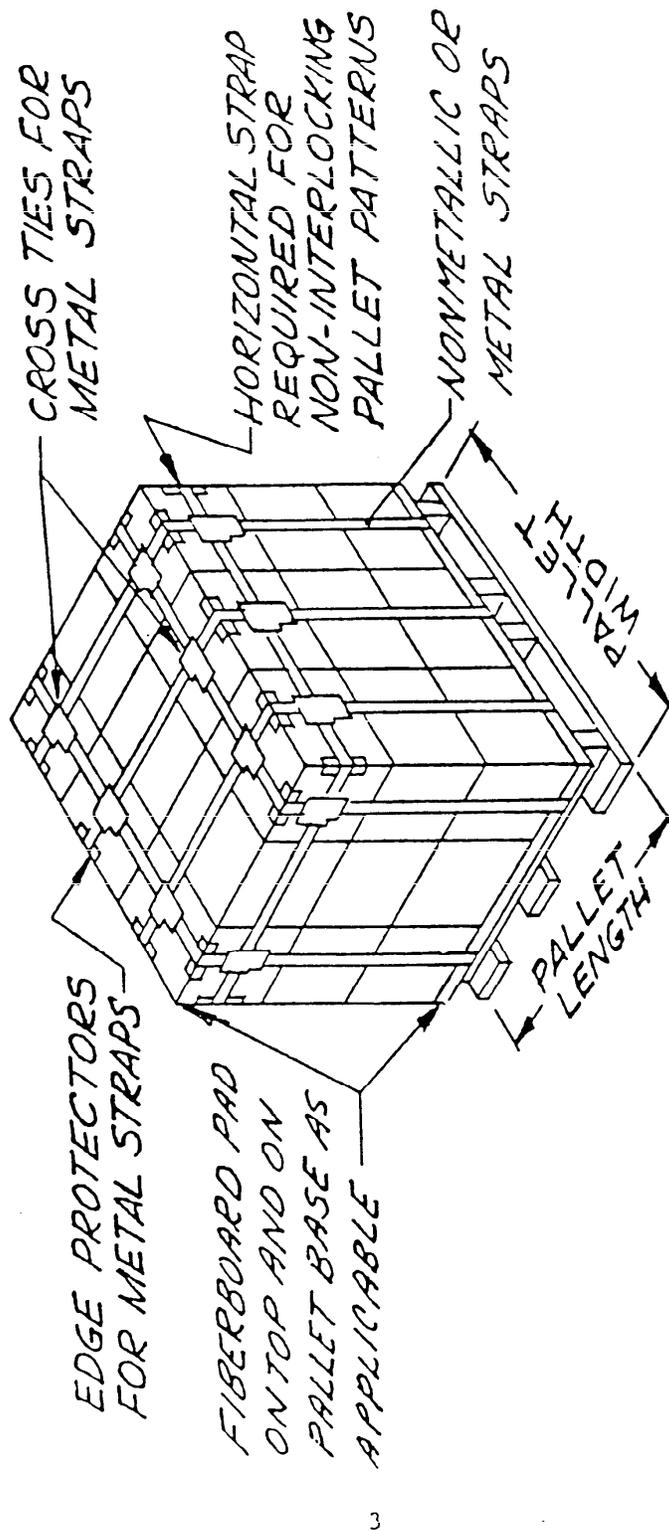


FIGURE-3 TYPE-I, CLASS-A, STRAPPED LOAD

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