

## **PACKAGING OF MATERIEL**

# **PRESERVATION**

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DEPARTMENTS OF THE ARMY, THE NAVY, THE AIR FORCE,  
AND THE DEFENSE LOGISTICS AGENCY

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Chapter 1

## Introduction - Packaging Policy

### GENERAL

AR700-15/NAVSUPINST 4030.28D/AFJMAN 24-206/MCO 4030.33D/DLAD 4145.7 Packaging of Materiel, is a joint regulation for all Department of Defense (DOD) components which establishes policies on the development of uniform requirements for the packaging of materiel acquired, stored, or shipped. The joint regulation implements DOD 4140.1-R, DOD Materiel Management Regulation, and covers policy requirements concerning the following:

- X Packaging
- X Specifications and Standards
- X Levels of Protection
- X Project Information Exchange

It provides uniform criteria for the selection and prescription of packaging at the time of acquisition, storage, or shipment.

While the Packaging of Materiel publication relates to both preservation of the unit packs and packing of the shipping containers, this document will only address preservation requirements, including the levels of protection. Unit packs and intermediate packs will also be discussed in this chapter.

### UNIT PACK

Unit packs are often referred to as interior packs. Figure 1-1 is a diagram which conceptualizes a shipping container with four unit packs and two intermediate packs. Listings of intermediate and shipping containers are found in the MIL-STD-2073-1C, Standard Practice for Military Packaging. This document will be discussed later in the chapters on preservation and preservation methods.

A unit pack is defined as the first tie, wrap, or container applied to a single item, or a quantity thereof, or to a group of items of a single stock number, preserved or unpreserved, that constitutes a single complete or identifiable package.

Unit packs are, for the most part, interior packs; however, there are preservation methods requiring the unit pack to also be the shipping container. Those situations will be presented in chapter four.

### INTERMEDIATE PACK

An intermediate pack is a wrap, box, or bundle that contains two or more unit packs of identical items. Intermediate containers or packs are used when they facilitate handling, storage and reshipment; when the exterior surface of the unit pack is a bag or wrap; when the unit pack volume is less than 64 cubic inches and the exterior container is a rigid type; and when specified by the procuring activity.