

NOT MEASUREMENT SENSITIVE
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MIL-PRF-55585G(CR)  
 9 October 1997  
 SUPERSEDING  
 MIL-E-55585F(CR)  
 20 March 1992

PERFORMANCE SPECIFICATION

ELECTRONICS EQUIPMENT AND PARTS,  
 PACKAGING OF

This specification is approved for use by Communications-Electronics Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers the packing and marking requirements for use in acquisition documents, contracts, or orders, for electronics equipment and parts containing packaging requirement codes, special packaging instructions, and specifications.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents

2.2.1 Specifications, standards, and handbooks The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.1).

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, U.S. Army Communications-Electronics Command, ATTN: AMSEL-IC-LEO-E-ET-3, Fort Monmouth, New Jersey 07703-5023, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.
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AMSC N/A

AREA - PACK

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited.

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## STANDARDS

## DEPARTMENT OF DEFENSE

MIL-STD-129	-	Standard Practice for Military Marking
MIL-STD-2073-1	-	Standard Practice for Military Packaging

## HANDBOOKS

## DEPARTMENT OF DEFENSE

MIL-HDBK-129	-	Military Marking
MIL-HDBK-774	-	Palletized Unit Loads

(Unless otherwise indicated, copies of the above specifications, standards, and handbooks are available from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 1911-5094.)

2.1.2 Other Government Documents, drawings, and publications The following government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

## CODE OF FEDERAL REGULATIONS (CFR)

CFR Title 49 - Transportation

(Application for copies should be addressed to the Superintendent of Documents, Government Printing Office, Washington, DC. 20402.)

2.2 Non-Government publications The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of the documents which are DoD adopted are those listed in the issue of the DODISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DODISS are the issues of the documents cited in the solicitation (see 6.1).

## AMERICAN SOCIETY FOR QUALITY CONTROL

ASQC-Z1.4	-	Sampling Procedures and Tables for Inspection by Attributes (DoD Adopted)
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(Application for copies should be addressed to the American Society for Quality Control, P.O. Box 3005, 611 E. Wisconsin Avenue, Milwaukee, WI 53201-4606)

## AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 3951	-	Standard Practice for Commercial Packaging (DoD Adopted)
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(Application for copies should be addressed to the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA).

2.3 Order of precedence In the event of a conflict between the text of this document and the reference cited herein the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

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3. REQUIREMENTS

3.1 Packaging.

3.1.1 Military packaging Military packaging shall be accomplished as specified in MIL-STD-2073-1C.

3.1.2 Commercial packaging Commercial packaging will be as specified in ASTM D 3951.

3.2. Unitization. Palletization shall be required when quantities per destination exceed either a total of 250 pounds (excluding the pallet) or a volume of 20 cubic feet. A quantity of items, packed for shipment, shall be placed on pallets, standard size 40 by 48 inches as shown in MIL-HDBK-774. The load shall be "bonded" to the pallet by any means that will ensure safe delivery to destination.

3.3 Marking.

3.3.1 Military. In addition to any special marking required by the contract or order, military marking shall be in accordance with the requirements of MIL-STD-129. Further guidance is contained in MIL-HDBK-129.

3.3.1.1 Special marking requirements When required by the contract or order, containers shall be marked as specified.

3.3.1.1.1 Sensitive electronic devices Unit, intermediate, and exterior packs containing sensitive electronic devices susceptible to damage from environmental field forces shall be marked in accordance with MIL-STD-129 and MIL-HDBK-129.

3.3.2 Commercial. Items shall be marked in accordance with ASTM D 3951.

3.4 Hazardous materials In addition to the requirements of this specification, hazardous materials will be packaged, marked, and labeled according to the hazardous materials regulations of the Department of Transportation, Title 49 Code of Federal Regulations, Parts 100-199.

3.5 Workmanship. The quality of workmanship shall be such as to permit acceptance of the completed packing requirements in accordance with the inspection provisions specified in section 4.

4. VERIFICATION

4.1 Packing inspection Inspection of packing and the marking for shipment and storage shall consist of the examinations specified in table I, "Packing inspection provisions." Lot formation shall consist of all packs made of the same materials during an identifiable period and submitted at one time for acceptance. Sampling procedures shall be in accordance with ASQC-Z1.4.

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TABLE I. Packing inspection provisions

NO.	CHARACTERISTIC	METHOD OF INSPECTION
101	Intermediate container not as specified	Visual
102	Improper closure of intermediate container	Visual
103	Shipping containers not in accordance with specification	Visual
104	Excessive cube	Visual
105	Improper blocking and bracing	Visual
106	Closure not in accordance with specification	Visual
107	Weight and size exceed container limitations	Weight and Measure
108	Strapping not in accordance with specification, incorrectly applied, omitted	Visual
109	Marking omitted, incorrect, or illegible	Visual

## 5. PACKAGING

5.1 Packaging. Not applicable to this specification.

## 6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Acquisition requirements Acquisition documents should specify the following:

- a. Title, number, and date of this specification.
- b. Issue of DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.2.1 and 2.2).
- c. Military or commercial packaging (see section 3).

6.2 Subject term (key word) listing

Intermediate Pack  
Packing  
Palletize  
Preservation  
Unitization  
Unit Pack

6.3 Changes from previous issue Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

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CONCLUDING MATERIAL

Custodian:  
Army - CR

Review activity  
Army - SM

Preparing activity:  
Army - CR

(Project PACK-A398)

## STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

### INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

<b>I RECOMMEND A CHANGE:</b>	1. DOCUMENT NUMBER MIL-PRF-55585G	2. DOCUMENT DATE (YYMMDD) 971009
3. DOCUMENT TITLE Electronics Equipment and Parts, Packaging of		
4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)		
5. REASON FOR RECOMMENDATION		
6. SUBMITTER		
a. NAME (Last, First, Middle initial)	b. ORGANIZATION	
c. ADDRESS (Include Zip Code)	d. TELEPHONE (Include Area Code)  (1) Commercial  (2) AUTOVON (If applicable)	7. DATE SUBMITTED (YYMMDD)
8. PREPARING ACTIVITY		
a. NAME US Army Communications-Electronics Command	b. TELEPHONE (Include Area Code) (1) Commercial (732) 532-2098 (2) AUTOVON 992-2098	
c. ADDRESS (Include Zip Code) ATTN: AMSEL-LC-LEO-E-ET-3 Fort Monmouth, NJ 07703-5023	IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT: Defense Quality and Standardization Office 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 756-2340 AUTOVON 289-2340	