

PREPARATION AND USE OF PACKAGING REQUIREMENT CODES

(BILINGUAL)

(Supersedes **D-LM-008-011/SF-001** dated **79-08-02**)



NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

AVIS

Cette documentation a été révisée par l'autorité technique et ne contient pas des marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.

Issued on Authority of the Chief of the Defence Staff
Publiée avec l'autorisation du Chef d'état-major de la Défense

OPI: DSRO 3

1988-11-10

Canada

LIST OF EFFECTIVE PAGES

Insert latest changed pages; dispose of superseded pages in accordance with applicable orders.

NOTE

On a changed page, the portion of the text affected by the latest change is indicated by a vertical line in the margin of the page. Changes to illustrations are indicated by miniature pointing hands or black vertical lines.

Dates of issue for original and changed pages are:

Original	0	1988-11-10	Ch	3
Ch	1		Ch	4
Ch	2		Ch	5

Zero in change No. column indicates an original page. Total number of pages in this order is 87 consisting of the following:

Page No.	Change No.	Page No.	Change No.
Title	0	1 to 81/82	0
A	0	A-1 to A-2	0
i, ii	0		

Contact Officer: DSRO 3-2-2

©1988 DND/MDN Canada

CONTENTS

PARA		PAGE
1	SCOPE	1
1.2	New materiel	1
2	APPLICABLE DOCUMENTS	3
3	REQUIREMENTS	3
3.1	Levels of protection	3
3.2	Specific packaging detail	4
3.2.3	Digits 1 and 2 (Field 1) Method of unit protection	4
3.2.4	Digit 3 (Field 2) Quantity per unit package	21
3.2.5	Digit 4 (Field 3) Cleaning method	21
3.2.6	Digits 5 and 6 (Field 4) Preservative material	21
3.2.7	Digits 7 and 8 (Field 5) Wrapping material	21
3.2.8	Digits 9 and 10 (Field 6) Cushioning and dunnaging	22
3.2.9	Digit 11 (Field 7) Cushioning thickness	22
3.2.10	Digits 12, 13, 15 and 16 (Fields 8 and 10) Unit and intermediate containers	35
3.2.11	Digit 14 (Field 9) Intermediate container quantity	46
3.2.12	Digit 17 (Field 11) Level of protection	46
3.2.13	Digits 18 et 19 (Field 12) Maximum weight	47
3.2.14	Digits 20 et 21 (Field 13) Maximum cube	56
3.2.15	Digits 22 and 23 (Field 14) Maximum length	56
3.2.15	Digits 24 and 25 (Field 15) Maximum width	56
3.2.15	Digits 26 and 27 (Field 16) Maximum depth	56
3.2.16	Digit 28 (Field 17) Level of packing	65
3.2.17	Digit 29 (Field 18) Optimal procedure indicator	65
3.2.18	Digit 30 (Field 19) Supplemental line indicator	66
3.3	Essential Preservation and Packaging Data	66
3.4	Packaging data form CF271	67
3.5	Canadian Forces Transportation Packaging Order (CFTPO)	70
 ANNEX		
A	Authorized abbreviations cross referenced to units of issue	A1

LIST OF TABLES

TABLE		PAGE
I	Unit protection codes	6
II	Optional unit protection codes	6
III	Procedural specification codes	7
IV	Specialized unit protection procedure codes	11
V	Quantity per unit package codes	21
VI	Cleaning procedure codes	22
VII	Preservation material codes	23
VIII	Wrapping material codes	26
IX	Cushioning and dunnage material codes	28
X	Cushioning thickness codes	35
XI	Unit and intermediate container codes	36
XII	Intermediate container quantity codes	46
XIII	Basic levels of protection codes	46
XIV	Modified level of protection codes	47
XV	Modified level of protection codes (less than 4.95 feet)	47
XVI	Maximum weight codes	48
XVII	Maximum cube codes	56
XVIII	Unit container dimensions - basic dimension codes	62
XIX	Modified dimension in excess of ten feet codes	63
XX	Modified dimensions for increments less than .1 foot codes	64
XXI	Level of packing	65
XXII	Optional procedure indicator	65
XXIII	Supplemental card indicator	66

LIST OF FIGURES

FIGURE		PAGE
1	Sample contact demand	2
2	Packaging requirements codes	5
3	Completed Form CF 271 (Contractor)	68
4	Completed Form CF 271 (Supply Depot)	69
5	Form CFTPO (NSN 7530-21-855-2598)	72
6	Form CFTPO (NSN 7530-21-855-2599)	73
7	Form CF 271 Making Direct Reference to Special Instructions	74
8	Form CF 271 Direct Reference to a Specification with Special QUIP	75
9	Form CF 271 Direct Reference to a Specification and Referring to a Special Container	76
10	Form CF 271 Direct Reference to a Specification (Plain Language)	77
11	Form CF 271 Direct Reference to a Specification with Special QUP (Plain Language)	78
12	Form CF 271 Direct Reference to a Special Container (Plain Language)	79
13	Form CF 271 Direct Reference to Manufacturers Drawing Number	80
14	Form CF 271 Direct Reference to a CFTPO	81

CANADIAN FORCES SPECIFICATION

PREPARATION AND USE OF PACKAGING REQUIREMENT CODES

1. SCOPE

1.1 This specification establishes and defines a system of coding preservation and packaging requirements and is designed to meet the following requirements:

- a. Approved pack — To provide information which will permit translating coded packaging requirements into verbal descriptions of packs which have been approved by the Department of National Defence. This packaging code will be shown in procurement documents immediately under the description of the item to which it applies. (See Figure 1, item 1.);
- b. No approved pack — Contractors shall develop suitable packages for items for which no approved CF271 exists, and shall prepare and submit CF271 s for approval in accordance with para 1.1(1c);
- c. Approval authority — The authority to approve CF271 s for items covered by procurement contracts is vested in NDHQ/DSRO. This authority, when required as part of the contract, is delegated to the packaging specialist of the applicable CFTSA. Where the identity of the approval authority is not known the supplier shall request this information from NDHQ/DSRO 3-2, (See Figure 1 preparation for delivery); and
- d. Contractor's option — Contractors who consider that an item already covered by an approved CF271 could be packaged more effectively, or packaged with a substantial savings in cost, cube or weight, are encouraged to submit recommendations on CF271.

1.2 New materiel

1.2.1 The use of newly developed packaging, packing materiel and procedures is encouraged and recommended and will be permitted under the conditions specified herein, provided such materiel is equal to or better than similar approved materiel and procedures.

1.2.2 Where the materiel or procedure is not covered by a specification, the manufacturer shall furnish documented evidence that the materiel or procedure is equal to or exceeds the requirements of the specification for a similar materiel or procedure. If after a review of the materiel and procedure and the related certified compliance report, it is the opinion of the procuring activity that the materiel or procedure meets or exceeds the criteria established for similar materiel or procedures, authorization for use will be granted.

Item 1	0001	291 5-00-485-2901	<p>TEST SET 10 only \$99.75 ea.</p> <p>PKG REQTS CODE 10 1 1 ZZ ZZ ZZ Z D0 0 00 A BN CG ZZ ZZ ZZ 0 Z 1 CFTPO-00-485-2901, D/13 Jan 67</p>
Item 2	0002	2915-00-485-2902	<p>NUT 150 only \$0.10 ea.</p> <p>PKG REQTS CODE - PDG DATA FORM REQD. LEVEL (A, B OR C AS APPLICABLE).</p> <p>PREPARATION FOR DELIVERY:</p> <ol style="list-style-type: none"> 1. For contractors located in Canada: <p style="margin-left: 40px;">Preservation and Packaging will be in accordance with the Canadian Forces Packaging Specification D-LM-008-001/SF-001 to Level B, and shall be marked to D-LM-008-002/SF-011. Level B PKG DATA FORM READ in accordance with CFPS D-LM-008-011/SF-001,</p> 2. For contractors located in U.S.A.: <p style="margin-left: 40px;">Preservation and Packaging shall be in accordance with US Department of Defence Military Standard MIL-STD-794 to Level B and shall be marked to MIL-STD-129. Level B PKG DATA FORM READ, in accordance with MIL-STD-834 and MIL-STD-726, and</p> 3. Approval Authorities: when the "PKG REQTS CODE" for a specific item indicates "PKG DATA FORM READ", packaging data forms previously approved by Canadian or United States authorities shall be acceptable. When such approved forms are not available, the contractor shall apply to National Defence Headquarters, Ottawa, Ontario, K1A 0K2, attention DSRO 3-2, for Direction regarding identity of the "Approval Authority" for packaging Data forms.

2. APPLICABLE DOCUMENTS

2.1 The following documents of the issues in effect on the date of invitation to tender shall form a part of this specification to the extent specified therein. Where there is a variation between this specification and the documents listed below, this specification shall govern.

CANADIAN FORCES PACKAGING SPECIFICATIONS

D-LM-008-001/SF-001 Methods of Packaging

D-LM-008-001/SF-001 Marking for Storage and Shipment

D-LM-008-001/SF-000 Department of National Defence Minimum Requirements for Manufacturer's Standard Pack

US MILITARY SPECIFICATIONS

MIL-P-116 - Preservation, Methods of

MIL-STD-129 - Marking for Shipment and Storage

3. REQUIREMENTS

3.1 Levels of protection

3.1.1 To help determine the extent of preservation, packaging and packing required to protect an item against specific hazards of storage, transportation and handling, three levels of preservation and packaging, and three levels of packing have been established. The levels of protection are based upon the degree of preservation, packaging and packing required to provide adequate protection against various conditions of transportation, storage and handling.

3.1.2 The main objective of these levels is to provide uniform, efficient and economical protection to supplies and equipment.

3.1.3 Levels of Preservation and Packaging

- a. Level A - Full military package - The preservation and packaging must afford adequate protection against corrosion, deterioration and physical damage during shipment, handling, indeterminate storage and worldwide redistribution;
- b. Level B - Limited military package - The preservation and packaging are less hazardous than those which Level A is designed to meet. The use of Level B should be based on firmly established knowledge of the shipment and storage conditions to be encountered, and a determination that monetary savings will result; and
- c. Level C - Minimum military package - The preservation and packaging must afford adequate protection against corrosion, deterioration, and physical damage during shipment from supply source to the first receiving activity for immediate use. This level may conform to the supplier's commercial practice when such meets the requirements of this level.

3.1.4 Levels of packing

- a. Level A - The degree required for protection against the most severe conditions known or anticipated to be encountered during shipment, handling and storage;
- b. Level B - The degree required for protection under conditions known to be less severe than those requiring Level A, but more severe than those for which Level C is adequate;

- c. Level C - The degree required for protection under known favourable conditions during shipment, handling and limited tenure of storage.

3.2 Specific packaging detail

3.2.1 The codes to be used are detailed in Tables 1 to XXIII inclusive. These tables provide all necessary information for coding and decoding. The use of codes other than those established in this specification is forbidden. See illustration at Figure 2 for Packaging Requirements Codes.

3.2.2 When none of the requirements of Tables 1 to XXIII apply, the following codes will be used:

- a. The code "0" or "00" (dependent upon the number of digit spaces in the code field) indicates that the field does not apply to the package described by the code;

NOTE

To distinguish between alphabetical and numerical "0" and "00", numeric "0" and "00" shall be designated as "Ø" and "ØØ" and alphabetical "O" and "OO" shall be designated as "O" and "OO".

- b. The code "Y" or "YY" (dependent upon the number of digit spaces in the code field) indicates that the packager (contractor) is responsible for selecting the appropriate requirements. When this code is used, the packager is not required to limit his selection to requirements included in the tables of this specification;

- c. The code "Z" or "ZZ" (dependent upon the number of digit spaces in the code field) indicates that special requirements apply which are not represented by code symbols. When the "Z" or "ZZ" symbols are used in a procurement document (see Figure 1, item 1), details of the requirements will be provided immediately below the description of the item to which it applies.

3.2.3 Digits 1 and 2 (Field 1) Method of unit protection - These digits of the code describe the method of unit protection which applies to the particular item for which packaging is being coded.

3.2.3.1 Unit protection methods. The unit protection methods cited in Table 1 are those methods established by, and described in D-LM-008-001/SF-01. When the unit protection methods of this specification are invoked the packages presented shall be capable of meeting the applicable test requirements of the specification. When the method of unit protection specifically requires the use of a particular material in fabrication of the package, this material shall not be identified in other fields of the code.

3.2.3.2 Methods and sub-methods of unit protection. Table II lists codes which allow the user limited selection among the methods and sub-methods of D-LM-008-01/SF-01.

3.2.3.3 Packaging documents. Table III lists codes for specifications and standards which are regularly referenced in specifying the packaging requirements for certain groups of items. These codes should not be used unless the referenced document, supplemented by information which may be provided in the additional fields of the total code, adequately describes the packaging needed for the particular item being considered.

3.2.3.4 Special methods. Table IV establishes codes for preservation of packaging procedures which are regularly used, but which cannot be conveniently or adequately described without amplification of the basic method and material symbols.

Figure 2 — Packaging Requirements Codes

Digit	Table	Code Name
1-2	I, II, III, IV	Method of unit protection
3	V	Qty per unit package
4	VI	Cleaning method
5-6	VII	Preservative material
7-8	VIII	Wrapping material
9-10	IX	Cushioning and dunnage
11	X	Cushioning thickness
12-13	XI	Unit and intermediate container
14	XII	Intermediate container qty
15-16		See Table XI
17	XIII, XIV, XV	Levels of protection
18-19	XVI	Maximum weight
20-21	XVII	Maximum cube
	XVIII	Basic dimension codes (length, width and depth)
22-27	XIX	Modified dimension codes (length, width and depth)
	XX	Modified dimension codes (length, width and depth)
28	XXI	Container level
29	XXII	Optional procedure indicator
30	XXIII	Supplemental line indicator

2915-00-485-2901

TEST SET

PACKAGING REQUIREMENT CODE

10 1 1 ZZ ZZ ZZ Z DO O OO A BN CG ZZ ZZ ZZ O A 1

Table I - Unit protection codes

Methods of unit protection and sub-methods codes established by D-LM-008-001/SF-001.							
Code to Method Conversion				Method to Code Conversion			
Code	Method	Code	Method	Method	Code	Method	Code
1Ø	III	3H	IA-16	III	1Ø	IC-1	2E
11	I	3P	IA-15	I	11	IC-2	2M
12	IB-1	3Q	IA-14	IA	3Y(note 1)	IC-3	2D
1B	IB-2	3T	IA-13	IA-5	3V	IC-4	2S
1Y	IB(note1)	3V	IA-5	IA-6	3W	IC-7	2A
2A	IC-7	3W	IA-6	IA-8	3G	IC-9	2B
2B	IC-9	3Y	IA(note 1)	IA-13	3T	IC-10	2C
2C	IC-10	4G	IIc	IA-14	3Ø	II	4Y(note 1)
2D	IC-3	4H	IIa	IA-15	3P	IIa	4H
2E	IC-1	4P	IIe	IA-16	3H	IIb	4Q
2M	IC-2	4Q	IIb	IB	IY(note 1)	IIc	4G
2S	IC-4	4T	IIf	IB-1	12	IId	4V
2Y	IC(note 1)	4V	IId	IB-2	IB	IIf	4P
3G	IA-8	4Y	II(note 1)	IC	2Y(note 1)	IIf	4T

NOTE 1 — Sub-method is the choice of the contractor or packager.

Table II - Optional unit protection codes

Method of unit protection codes which allow the user a limited choice between certain of the unit protection user and sub-methods of D-LM-008-001/SF-001.			
Code	Method of Preservation	Code	Method of Preservation
6F	Method IA-13 or IA-15 optional.	6P	Method IId (preferred) or IIa.
6L	Method I or III, in plastic containers of minimum practical size	6Q	Method IId (preferred) or IIb.
6M	Method I or III selected in accordance with the guidelines of D-LM-008-001/SF-001.	6R	Method IId or IIf.

Table III - Procedural specification codes

Method of unit protection codes referencing documents which establish packaging requirements for groups of items	
CODE	
15	ALUMINUM AND MAGNESIUM PRODUCTS - Package in accordance with MIL-STD-649.
17	BATTERIES, Lead Acid Package in accordance with D-LM-008-021/SF-001.
18	BATTERIES DRY - Package in accordance with MIL-B-55521.
19	BATTERIES, STORAGE, AIRCRAFT - Package in accordance with MIL-P-6063.
20	BATTERIES, STORAGE, INDUSTRIAL - Package in accordance with PPP-B-140.
21	BEARINGS, ANTI-FRICTION - Package in accordance with MIL-B-197.
22	CABLE, CORD AND WIRE ELECTRIC - Package in accordance with MIL-C-12000.
23	CHEMICALS LIQUID, DRY AND PASTE - Package in accordance with PPP-C-2020.
24	COMPONENTS AND HIGHER ASSEMBLIES, OR INCORPORATED DEVICES WHICH ARE SEN-SITIVE TO ELECTROMAGNETIC OR ELECTROSTATIC DISCHARGE - Package in accordance with D-LM-008-034/SF-000.
25	CORDAGE - Package in accordance with MIL-C-3131.
26	CAPSTANS, WINCHES, ETC - Package in accordance with MIL-P-3184.
27	CABLE ASSEMBLIES AND CORD ASSEMBLIES - Package in accordance with MIL-C-55442.
28	COPPER - Package in accordance with MIL-C-3993.
29	ELECTRIC MACHINES - Package in accordance with MIL-E-16298.
30	PRINTING, DUPLICATING AND REPRODUCTION EQUIPMENT - Package in accordance with MIL-P-3684.
32	ELECTRONIC CIRCUIT, PRINTED CIRCUIT, PRINTED WIRING BOARD/CARD - Package in accordance with D-LM-008-035/SF-000.
33	ELECTRONIC EQUIPMENT - Package in accordance with MIL-E-17555.
34	ENGINE REPAIR PARTS - Package in accordance with MIL-R-196.
35	ENGINES GAS TURBINE - Package in accordance with MIL-E-5607.
36	ENGINES AIRCRAFT RECIPROCATING - Package in accordance with MIL-E-6058.
37	ENGINES OTHER THAN AIRCRAFT - Package in accordance with MIL-E-10062.
38	FIRE CONTROL PARTS - Package in accordance with MIL-P-14232.
39	BATTERIES, LITHIUM - Package in accordance with D-LM-008-032/SF-001.
40	BEARINGS, MARITIME, MATCHED SETS - Package in accordance with D-LM-008-033/SF-000.

Table III - Procedural specification codes (continued)

CODE	
42	HARDWARE - Package in accordance with PPP-H-1581.
45	HOISTS - Package in accordance with MIL-H-3280.
47	HOSE - Package in accordance with MIL-H-775.
48	OPTICAL ELEMENTS - Package in accordance with MIL-0-16898.
49	MACHINERY, METAL AND WOODWORKING - Package in accordance with MIL-M-18058.
52	NAILS - Package in accordance with FF-N-105.
53	PREFORMED PACKING "O" RINGS - Package in accordance with D-LM-008-026 SF-001.
54	PAINT AND RELATED PRODUCTS - Package in accordance with PPP-P-1892
56	PARACHUTES - Package in accordance with MIL-P-5610.
66	PROPELLERS - Package in accordance with MIL-P-6074.
67	PUMPS - Package in accordance with MIL-P-10603.
70	RUBBER, NYLON FUEL AND OIL AND WATER ALCOHOL CELLS - Package in accordance with MIL-P-25621.
71	STEEL MILL PRODUCTS - Package in accordance with MIL-STD-163.
73	TIRES AND TUBES - Package in accordance with MIL-T-4.
74	TOOLS - Package in accordance with PPP-P-40.
75	ELECTRON TUBES - Package in accordance with MIL-E-75.
76	VALVES, FITTINGS AND FLANGES - Package in accordance with MIL-V-3.
78	WELDING RODS - Package in accordance with MIL-W-10430.
81	ABRASIVES AND ABRASIVES PRODUCTS - Package in accordance with MIL-A-3816.
89	NON-FERROUS PRODUCTS - Package in accordance with MIL-N-3944.
94	COMPRESSORS - Package in accordance with MIL-C-3600.
96	SEMICONDUCTOR DEVICES - Package in accordance with MIL-S-19491.
97	SYNCHROS, RESOLVERS AND SERVO MOTORS - Package in accordance with MIL-S-12134.
A1	TABLES AND BENCHES, WORK - Package in accordance with MIL-B-45977.
A2	TIME MEASURING INSTRUMENTS - Package in accordance with PPP-T-360.
A3	TOOL SETS, SHOP SETS AND KITS (COMMON AND SPECIAL) - Package in accordance with MIL-T-45542.

Table III - Procedural specification codes (continued)

CODE	
A5	BOILERS AND RELATED EQUIPMENT, FOR FIELD USE - Package in accordance with MIL-B-3180.
A8	AUTOMOBILES, TRUCKS, TRUCK-TRACTORS, TRAILERS AND TRAILERS AND TRAILER DOLLIES - Package in accordance with MIL-STD-281.
A9	CAPACITORS - Package in accordance with MIL-C-39028.
131	BLOCK, WIRE AND MANILA ROPE - Package in accordance with MIL-B-3865.
B3	PUMPS, PRIME MOVERS AND ASSOCIATED REPAIR PARTS - Package in accordance with MIL-P-16789.
B4	REFRIGERATORS AND RELATED EQUIPMENT - Package in accordance with MIL-P-12323.
B5	MAIN PROPULSION SHAFTING, BEARINGS, AND SHIP AND BOAT PROPELLERS - Package in accordance with MIL-P-2845.
B6	FABRICS - WOOLEN, WORSTED AND WOOL BLEND (SYNTHETIC FIBER - COTTON) - Package in accordance with PPP-P-1132.
B7	FABRICS - SYNTHETIC FIBER - Package in accordance with PPP-P-1133.
B8	FABRICS - COTTON AND COTTON-SYNTHETIC FIBER BLEND (EXCLUDING DUCK FABRICS) - Package in accordance with PPP-P-1134.
B9	FABRICS - DUCK FABRICS (COTTON SYNTHETIC FIBER: COTTON: SYNTHETIC FIBER BLENDS) - Package in accordance with PPP-P-1135.
C1	FABRICS - COATED (PLASTIC: RUBBER) AND LAMINATED FABRICS - Package in accordance with PPP-P-1136.
C2	RESISTORS - Package in accordance with MIL-R-39032.
C3	SONOBUOYS - Package in accordance with MIL-S-23665.
C4	MICROCIRCUITS - Package in accordance with MIL-M-55565.
C6	GYROSCOPE ASSEMBLIES - Package in accordance with MIL-G-81559.
C7	CONNECTORS - Package in accordance with MIL-C-55330.
C8	SWITCHES - Package in accordance with MIL-S-28786.
C9	KITS - Package in accordance with appendix D of MIL-STD-2073-1.
D6	Wire rope assembly, single leg. Package in accordance with MIL-W-3903.
D7	Chains and attachments, welded, weldless, and roller chain. Package in accordance with RR-C-271.

Table III - Procedural specification codes (continued)

CODE	
E1	Supplies and equipment that can be packaged commercially. Package in accordance with D-LM-008-036/SF-000.
E3	Vulcanized equipment. Package in accordance with MIL-Y-4555A.
E4	Wheeled vehicles. Package in accordance with MIL-V-62038.

Table IV - Specialized unit protection procedure codes

Method of unit protection codes for packaging procedures which are regularly used and require a more detailed description than allowed by the limitations of the basic code.	
CODE	
AA	Preservation and packaging identical to the commercial package used by the supplier for the prevention of deterioration and mechanical damage.
AB	Package in accordance with the detail requirements in the commodity specification or standard. Note: When Level A packaging is specified (when position 17 is A) and the commodity specification contains no provision for Level A, the packaging as specified for overseas shipment shall apply.
AC	Package Method III as Follows: Clean item of foreign matter. Wrap in non-abrasive tissue, and overwrap with 1/4 inch cushioning material (use more if needed to prevent damage or breakage) conforming to PPP-C-843, Type II; or wrap in non-abrasive neutral cushioning material of 1/4 inch thickness conforming to PPP-C-843, Type II. Overwrap each cushioned item with 60 lb kraft paper (24" x 36" - 500 sheets), fasten with waterproof pressure sensitive tape and place in a paperboard set up box. (Used for non-critical items of glass and similar material).
AD	Coil on reels or spools made in accordance with applicable material specification (for commodity being packaged) or best commercial practice, if no such specification exists.
AE	Seal or plug all openings with approved non-corrosive materials to prevent entrance of moisture, dirt and foreign matter. Package to meet requirements of Method III of D-LM-008-001/SF-001 .
AF	Package Method III as follows: Place in fold of neutral paper, conforming to MIL-B-121 Grade A or MIL-P-1 7667 material and fasten with pressure-sensitive tape to a rectangle of rigid corrugated fibreboard of minimum practicable size.
AG	Package Method III as follows: Mark or label each piece with stock number and quantity and place the number of individually marked pieces as indicated by the third digit of the packaging code in a paperboard or fibreboard carton or minimum practicable size.
AH	Package Method I as follows: Fog spray or flush internally with the preservative indicated by the 5th and 6th digits of the package code. All openings shall then be plugged, or sealed to prevent entrance of dirt and moisture. Exterior unpainted ferrous metal surfaces shall be coated with a suitable paint or enamel, or coated with cold application, non-tacky, corrosion preventive compound conforming to P-19 of D-LM-008-001/SF-001.
AJ	Package Method I as follows: Place preserved item in fold of MIL-B-121 Grade A material and fasten with pressure-sensitive tape to a rectangle of rigid corrugated fibreboard of minimum practicable dimensions.

Table IV - Specialized unit protection procedure codes (continued)

CODE	
AK	Package Method I as follows: Flush or fog spray internal water passages with preservative conforming to P-3 of D-LM-008-001/SF-001 . Flush or fog spray internal oil passages with preservative conforming to P-7, P-9 or P-10 of D-LM-008-001/SF-001. All internal surfaces must be thoroughly covered with preservative. Plug or seal all openings to prevent entrance of dirt and moisture. Coat all external ferrous metal surfaces with non-tacky, cold application, preservative compound conforming to P-19 of D-LM-008-001/SF-001 or paint with suitable enamel (used for pump and similar items)
AL	Package Method I as follows: Unit container shall conform to 43-GP-21 Type 1 , Class 2. Seal all seams and joints with PPP-T-76 tape, not less than two inches (5 cm) wide.
AM	Package in manufacturer's standard metal container, sealed with waterproof tape conforming to 43-GP-3, to prevent entry of moisture.
AN	Package Method IA as follows: Clean each item with chemically neutral detergent, wrap in non-abrasive chemically inert tissue, and overwrap with cushioning material conforming to PPP-C-843, or as an alternative, non-abrasive cushioning conforming PPP-C-843 to a minimum thickness of twice the thickness of the item. Seal each cushioned item within a bag made of material conforming to MIL-13-1 31. (Used for items of glass and similar material which have critical surfaces).
AP	Package Method IA-8 using MIL-B-1 31 class 1 barrier. Place each packaged item in an individual corrugated carton, folder or sleeve meeting the weight limitations of 43-GP-21. Use sufficient cushioning within the corrugated container for package to pass the free fall drop test of D-LM-008-001/SF-001.
AO	Package by Method IIa, IIb, or IIc. If IIa is selected, place item in a nailed wood box conforming to Table 18 or 19 of CSA Z102.2, after sealing of barrier.
AR	Package by Method II (specific sub-method optional), except that items inherently fungus-proof, or completely treated with fungus resistant compound or varnish shall be packaged by Method III.
AT	Package in accordance with MIL-P-23199, Level A. Need for purging shall be determined by criteria specified in MIL-P-23199, Level A.
AU	Preservative compounds shall not be applied to windings, commutators or peripheries of armatures or rotors. Shafts shall be coated with Type P-2 preservative and wrapped with MIL-B-121 Grade A material secured in place with 43-GP-3 tape. Commutators shall be wrapped with MIL-B-121 Grade A, material, held in place with 43-GP-3 tape. Exposed surfaces of steel collector rings shall be coated with Type P-2 preservative. No preservative is required for bronze, brass or other corrosion resisting metals. All collector rings shall be wrapped with MIL-13-1 21 Grade A material and secured in place with 43-GP-3. Corrodible surfaces except shafts, commutators and collector rings may be preserved by the use of insulating varnish applied during the manufacturing process. In addition to the foregoing requirements, armatures and rotors shall be wrapped with MIL-B-121 Grade A material and secured with 43-GP-3 tape.

Table IV - Specialized unit protection procedure codes (continued)

CODE	
AU	<p>Package in accordance with any of the following alternate methods. (Used for gaskets and similar items).</p> <ol style="list-style-type: none"> a. Seal in bags made from material conforming to MIL-B-126, MIL-B-121, MIL-B-13239 or MIL-B-22191, using stiffening material internally if needed to maintain rigidity. b. Method, IA 13 or IA 15 of D-LM-008-001/SF-001. c. Place between sheets of , in fold of, or in a sheet of corrugated fibreboard of sufficient stiffness to resist bending, overwrap with waterproofed wrapping paper conforming to PPP-B-1055 and seal with pressure-sensitive tape conforming to PPP-T-76, 43-GP-3, or adhesive conforming to MMM-A-260. Authorization to use other waterproof barrier materials may be granted upon request.
AY	<p>Preserve by method IA-8, IA14, IA15, IA16 using bags conforming to MIL-13-117, type 1, class G, style 1.</p>
BA	<p>Assemble non-ferrous accessories on shaft. Fasten non-ferrous keys in keyways with pressure-sensitive tape having non-corrosive properties of 43-GP-3. Preserve and package all ferrous parts and accessories in accordance with Method IA8 (using preservative conforming to P-2) and fasten them to shaft with 43-GP-3 tape. Pack assemblies individually lone per boil but otherwise in accordance with Figure 1 of MIL-P-2845, except that tops and bottoms of boxes may be made of 1 inch (2.5 cm) nominal thickness lumber. (Used for shaft assemblies and similar items, non-ferrous.)</p>
BC	<p>Package by Method I as follows: Coat all pieces of set with preservative compound conforming to P-19. Wrap or bag each preserved piece individually in MIL-B-121 Grade A material. Cushion or segregate individually wrapped or bagged pieces in the storage container to prevent movement and possible physical damage. (Segregated identical pieces, such as buckets, seal strips, are to be kept as close together in the container as possible to facilitate ease of counting.) Individually preserved, wrapped or bagged pieces need not be identified as the containers markings in accordance with D-LM-008-002/SF-001 will suffice. Itemized packing lists for inclusion within and for attachment to the outside of the container shall be furnished in accordance with D-LM-008-002/SF-001. The lists shall show quantity and nomenclature of all items included in the set. (Used for turbine blade sets and similar items.)</p>
BD	<p>Remove parts made of rubber, fibre, and/or non-metallic materials adversely affected by preservative compounds, and package by Method 1 A8 without a preservative. Package metal parts of assembly to conform to the requirements of Method 1A of D-LM-008-001/SF-001. Mark the bag containing non-metallic parts "Parts for Assembly" and include it within, or securely attached to the package containing metal parts in a manner which will assure its being found when the package is opened. (Use for couplings and similar items.)</p>
BG	<p>Package as for Method IC-1 except use 43-GP-30 heat sealable polyethylene film or bag as the barrier in lieu of MIL-B-121 material. Minimum film thickness shall be 4 mils.</p>

Table IV - Specialized unit protection procedure codes (continued)

CODE	
BH	Dip item in a solution consisting of 5 per cent DDT, and 95 per cent solvent comprising 50 per cent xylene and 50 per cent gun oil conforming to MIL-L-1762 or MIL-L-17331. (Used for bristle sponges and similar products.)
BJ	Sandwich part between two rectangular pieces of fibreboard and seal with pressure-sensitive tape conforming to 43-GP-3, or 43-GP-28, Type 2.
BL	Plug or seal all openings and package Method I.
BM	Package Method III.
BN	Package Method I.
BP	Package Method IC-1.
BR	Package Method IA-5.
BS	Package Method IA-8.
BT	Package Method IA-13.
BU	Package Method IA-14.
BV	Package Method IA-15.
BW	Package Method IA-16.
BX	Package Method IIa.
CA	Package Method IIb.
CB	Package Method IIc.
CC	Package Method IIe.
CD	Package Method IIc.
CE	Package Method IC-1 using MIL-13-121, Type 1 barrier. Place each packaged item in a individual folding paperboard box or setup paperboard box conforming to 43-GP-17 or 43-GP-18. Use sufficient cushioning within the paperboard container for package to pass the free fall drop test of D-LM-008-001/SF-001.
CG	Package Method IA-8 using barrier material meeting the requirements of MIL-B-131. Class.1.
CH	Package Method 1A-14, except the outer container shall be fibreboard box, conforming to the requirements of 43-GP-21, Type 1, Class 2. The corners, seams and manufacturer's joint of the outer container shall be sealed with pressure-sensitive tape, conforming to 43-GP-3. The tape shall be 2 inches (5 cm) wide for weights up to 20 pounds (9 kg), and 3 inches (7.6 cm) wide for boxes having a content weight in excess of 20 pounds (9 kg).
CJ	Package Method 1A-15 with kraft paper overwrap, secured.

Table IV - Specialized unit protection procedure codes (continued)

CODE	
CM	Package Method IIb, except the outer container shall be a fibreboard box, conforming to the requirements of 43-GP-21, Type 1, Class 2. The corners, seams, and manufacturer's joint of the outer container shall be sealed with pressure-sensitive tape, conforming to 43-GP-3. The tape shall be 2 inches (5 cm) wide for weights up to 20 pounds (9 kg), and 3 inches (7.6 cm) wide for boxes having a content weight in excess of 20 pounds (9 kg).
CID	Package Method Iie with kraft paper overwrap, secured.
CO	Package Method III in bags, boxes of cylindrical containers of minimum practical size. Bags shall be made of neutral material conforming to MIL-P-130, MIL-P-17667 or MIL-B-121 Grade A. Boxes and cylindrical containers shall be of paperboard or plastic.
DA	Package Method III modified as follows: Wrap in a tight conforming wrap of neutral MIL-P-17667, MIL-B-130 or MIL-B-121 Grade A material. The wrapper shall be fastened, but not sealed, with pressure-sensitive tape.
DB	Package by Method III modified as follows: Package in a transparent barrier bag made of Type II or III. MIL-B-22191 plastic film. A single thickness of film may be used for items weighing up to ten pounds (4.6 kg) and at least two thicknesses of film shall be used for items weighing more than ten pounds (4.6 kg). MIL-B-22191 Type III, shall be used to cushion sharp edges and protrusions of items packaged in the transparent barrier bag. The bag closure may be made by any suitable means.
DC	Package by Method I modified as follows: Package in transparent barrier bag made of Type II, MIL-B-22191 plastic film. A single thickness of film may be used for items weighing up to ten pounds (4.6 kg) and at least two thicknesses of film shall be used for items weighing more than ten pounds (4.6 kg). MIL-B-22191, Type II, or equal commercial film shall be used to cushion sharp edges and protrusions of items packaged in the transparent barrier bag. MIL-F-22191, Type II film shall be used as cushioning if a contact preservative has been applied to the item. The bag closure may be made by any suitable means.
DD	Package by Method IC-1 or IA-8 modified as follows: Package in a transparent barrier bag conforming to Type I, Class C, Style 2 of MIL-B-117. To prevent bag puncture, wrap or cushion with sufficient layers of MIL-B-22191 or L-P-378 barrier material, PPP-C-1842 or PPP-C-795 cushioning, or otherwise protect sharp edges and protrusions with caps, covers, plugs, or rigid plastic foam in accordance with MIL-P-26514. If a contact preservative has been applied to item, MIL-B-22191, Type II, barrier material is required as wrap or cushioning and initial wrap prior to application of cushioning. Alternate cushioning materials are acceptable if certified as having physical properties equal to or better than similarly constructed materials covered by a government packaging specification. Non-corrosive conductive material shall be applied to all exposed leads and connector pins. Lead or terminal configurations for all items shall be maintained as manufactured without causing loads or stresses capable of causing damage to the item. Materials used to maintain item position and lead or terminal configuration shall permit item removal without damage to the item. The bag closure shall be made by heat sealing.

Table IV - Specialized unit protection procedure codes (continued)

CODE	
DG	Package Method IIc modified as follows: Package the item in a heat sealed transparent bag conforming to Type I, Class E, Style 2 of MIL-13-1 17. Wrap all items with layers of MIL-B-22191, Type III and L-P-378 barrier material, or otherwise protect sharp edges and protrusions with caps, covers, plugs, or rigid plastic foam in accordance with MIL-P-26514 or fiberboard to prevent puncture of bag. The required desiccant and card type humidity indicator shall be placed within heat sealed barrier bag.
DH	Package Method I as follows: Apply preservative indicated by the 5th and 6th digits of the package code to critical surfaces. Wrap critical exposed surfaces with MIL-B-121 Grade A material followed by MIL-B-121 Grade C, sealed with 43-GP-3, tape. Apply preservative conforming to P-1 of D-LM-008-001/SF-001 to unpainted exterior non-critical surfaces
DN	Package Method I as follows: The preservative indicated by the 5th and 6th digits of the package code is applicable to exterior surfaces or open interior passages. Manufacturer's prelubricant is adequate for sealed interior compartments.
DP	Package Method IC as follows: The preservative indicated by the 5th and 6th of the package code is applicable to exterior surfaces or open interior passages. Manufacturer's prelubricant is adequate for sealed interior compartments.
DQ	Package Method IA as follows: The preservative indicated by the 5th and 6th digits of the package code is applicable to exterior surfaces or open interior passages. Manufacturer's prelubricant is adequate for sealed interior compartments.
DR	Package Method IC and as follows: Each unit shall have all internal fluid-carrying passages, which are not prelubricated, filled with the preservative/operating fluid indicated by the 5th and 6th digits of the packaging code, allowing space for internal thermal expansion. If filling is not practical, the unit shall be internally fog-sprayed or flushed, then drained to the drip point. All parts, fittings, openings, etc, shall be capped or plugged with non-corrosive (non interacting) metal caps or plugs conforming to MIL-C-5501 or equivalent. All hydraulic preservative/operating fluid used shall be filtered through a 3 micron absolute filter prior to being used as specified above. Exterior bare metal surfaces, subject corrosion, shall be coated with compound conforming to P2 or P6 of D-LM-008-001/SF-001. Unit shall be wrapped with a greaseproof wrap conforming to MIL-B-121, Grade A or equivalent; seal seams with PPP-T-76 tape to effect a measure of water-proofness and prevent unwrapping. The unit must be adequately cushioned with material specified in digits 9 through 11, and packaged in a 43-GP-21, V3C container (as a minimum), Style FOL or CSSC. All seams, corners and manufacturer's joint shall be tape-sealed with two inch tape conforming to PPP-T-60, Type III or IV.
DS	Cable Assemblies — Wrap and cushion connector ends in accordance with procedure specified in Code AA. Seal connector ends in MIL-B-22191, MIL-B-121 or MIL-B-131. Coil where possible to minimum cube and secure with dry common cord. Secure items weighing over ten pounds (coiled where possible) to corrugated, solid fiberboard or other rigid material. Package Method III in a fiberboard box, conforming to 43-GP-21, Type 1 or Type 2, class 1.

Table IV - Specialized unit protection procedure codes (continued)

CODE	
DV	Package Method IIa modified. Use Transparent film, MIL-B-22191, Type I, in lieu of MIL-B-131 material.
DW	Package Method IIb, as follows: Item shall be cleaned, wrapped, blocked and braced in an interior carton conforming to 43-GP-21, Class I MIL-B-131 barrier material, sealed as required, shall be utilized around the first container. The cushioning to be specified under digit positions 9 and 10 of the code and in the thickness required to adequately protect the item, shall be placed between the barrier and the outer container.
DX	Package Method IA-8 using MIL-13-131, Class 1 barrier. Place each packaged item in an individual folding paperboard box or set-up paperboard box conforming to 43-GP-17 or 43-GP-18, Use sufficient cushioning with the paperboard container for packaged to pass the free fall drop test of D-LM-008-001/SF-001.
DY	Package in accordance with MIL-STD-2073-1, except that packaging shall be converted to the minimum cube methods in accordance with MIL-STD-758 when non-repairable items do not exceed 40 pounds and repairable items do not exceed 100 pounds. All items exceeding 40 pounds shall be packed Level A in individual shipping containers in accordance with MIL-STD-2073-1 or MIL-STD-758 as applicable.
EA	Package Method IIc using MIL-B-131, Class 1 barrier. Place each packaged item in an individual folding paperboard box or set-up paperboard box conforming to 43-GP-17 or 43-GP-18. Use sufficient cushioning within the paperboard container for package to pass the free fall drop test of D-LM-008-001 /SF-001.
EB	Package Method IC-3 using MIL-B-121, Type 1 barrier. Place each packaged item in an individual folding paperboard box or set-up paperboard box conforming to 43-GP-17 or 43-GP-18. Use sufficient cushioning within the paperboard container for package to pass the free fall drop test of D-LM-008-001 /SF-001.
EK	Package Method III as follows: Each bolt shall have the shank and threads protected by means of a sleeve extending over the full length of the shank and thread. The sleeve shall be manufactured from paperboard, asphalt impregnated chipboard, or spiral wrap of kraft paper over chipboard, lined with material conforming to MIL-B-121. Plastic sleeve coverings may also be used.
EL	Package Method IC-1 using MIL-B-121, Type 1 barrier. Place each packaged item in an individual corrugated box meeting the weight limitations of 43-GP-21. Use sufficient cushioning within the container to provide a completed package which will pass the free fall drop test of D-LM-008-001/SF-001.
FA	Method of preservation shall be in accordance with Method Symbol A of MIL-B-197. (See Note 1.)
FB	Method of preservation shall be in accordance with Method Symbol B of MIL-B-197. (See Note 1.)
FC	Method of preservation shall be in accordance with Method Symbol C of MIL-B-197. (See Note 1.)
FD	Method of preservation shall be in accordance with Method Symbol D of MIL-B-197. (See Note 1.)

Table IV - Specialized unit protection procedure codes (continued)

CODE	
FE	Method of preservation shall be in accordance with Method Symbol E of MIL-B-197. (See Note 1.)
FF	Method of preservation shall be in accordance with Method Symbol F of MIL-B-197. (See Note 1.)
FG	Method of preservation shall be in accordance with Method Symbol G of MIL-B-197. (See Note 1.)
FH	Method of preservation shall be in accordance with Method Symbol H of MIL-B-197. (See Note 1.)
FJ	Method of preservation shall be in accordance with Method Symbol J of MIL-B-197. (See Note 1.)
FK	Method of preservation shall be in accordance with Method Symbol K of MIL-B-197. (See Note 1.)
FL	Method of preservation shall be in accordance with Method Symbol L of MIL-B-197. (See Note 1.)
FM	Method of preservation shall be in accordance with Method Symbol A, C, D, K, G or L of MIL-B-197, as applicable.
FN	Method of preservation shall be in accordance with MIL-8-1 97, Method Symbol D of L for open bearings and Method Symbol C or L for closed bearings. (See Note 1.)
FP	Method of preservation shall be in accordance with Method Symbol A or MIL-13-1 97. (See Note 1.)
FQ	Package in accordance with MIL-E-75, Package Group 1.
FS	Package in accordance with MIL-E-75, Package Group 4.
FT	Package in accordance with MIL-E-75, Package Group 9. Appropriate magnetic cautionary markings shall be determined in accordance with MIL-S-4473.
FU	Package in accordance with MIL-E-75, Package Group 23.
FV	Package in accordance with MIL-E-75, Package Group 24.
FX	Package in accordance with MS90363-4.
FY	Package in accordance with MS90363-5.
GA	Package in accordance with MS90363-6.
GB	Package in accordance with MS90363-7.
GC	Package in accordance with MS90363-8.
GP	Package in accordance with MS90363-3.
GQ	Package in accordance with MS90363-1.

Table IV - Specialized unit protection procedure codes (continued)

CODE	
GR	Package in accordance with MS90363-2.
GS	Package Method IC-1 modified as follows: Package in transparent VCI treated bag made of film conforming to MIL-B-22109 (bag conforming to MIL-B-22020). A single thickness of film may be used for items weighing up to 10 pounds (4.6 kg) and at least two thicknesses of film shall be used for items weighing more than 10 pounds (4.6 kg).
GT	Package in accordance with MS90407-1.
GU	Package in accordance with MS90407-2.
GV	Package Method III. Unit container shall conform to 43-GP-21, Type 1, Class 2. Seal all seam. and joints with tape, not less than two inches (5 cm) wide, conforming to PPP-T-76.
GW	Package by Method IIa modified as follows: Pack in flexible, reusable watervaporproof container conforming to MIL-C-9959, Type 1, Grade A, Flame resistant
GX	Package by Method IA-8 as follows: Items adversely affected by electrostatic and/or both electromagnetic and electrostatic field forces shall be initially wrapped in material conforming to MIL B-81705, Type II, or cushioned in material conforming to PPP-C-1842, Type III, style A or B, or PPP-C-795, class 2, or PPP-C-1752, Type VII, class 4, or PPP-C-1797, Type II, to prevent bag puncture, and unit packed in a heat-sealed bag conforming to MIL-B-117, Type I, class F, Style 1. Alternate cushioning materials are acceptable if certified as having physical properties equal to or better than similarly constructed materials) covered by a government packaging specification and such materials satisfy the electrostatic decay rate requirement of MIL-B-81 705. Noncorrosive conductive materials) shall be applied to all exposed leads and connector pins. Lead or terminal configurations for all items shall be maintained as manufactured without causing loads of stresses capable of causing damage to the item. Materials used to maintain item position and lead or terminal configuration shall permit item removal without damage to the item. Sensitive electronic device caution labels shall be applied in accordance with D-LM-008-035/SF-000.
GZ	Package by Method IC-1 or IA-8 modified as follows: Package in a transparent barrier bag conforming to Type I, Class C, Style 2 of MIL-B-1 17, To prevent bag puncture, wrap or cushion with sufficient layers of MIL-B-22191 or L-P-378 barrier material, PPP-C-1842 or PPP-C-795 cushioning, or otherwise protect sharp edges and protrusions with caps, covers, plugs, or rigid plastic foam in accordance with MIL-P-26514. If a contact preservative has been applied to the item, MIL-B-22191, Type II barrier material, is required as wrap or cushioning and initial wrap prior to application of cushioning. The bag closure shall be made by heat sealing.
JF	Package Method III - Items shall be packaged in a vacuum formed Skin Package, formed from either cellulose acetate, cellulose butyrate or cellulose propionate. The material shall be 10 to 15 mils minimum thickness prior to draw and 2 to 4 mils minimum thickness after draw. 43-GP-22 fibreboard shall be used as a stiffener.

Table IV - Specialized unit protection procedure codes (continued)

CODE	
JG	Package Method IA-8 using MIL-B-131, Class 1 or 2 barrier material.
JH	Package Method IA-8 MIL-B-22191 Type I film. Sharp edges and protrusions shall be sufficiently cushioned with transparent material to protect the item and barrier.
JK	Package Method IA-8 for semiconductor devices and resistors in accordance with level A provisions of MIL-S-19491 and MIL-R-39032 respectively, utilizing the field force protection (shielding) requirements as well as ensuring that all other applicable requirements (including packing, marking and quality assurance) of these specifications are met. All other items shall be preserved Method IA-8 as follows: These items shall be wrapped in material conforming to MIL-B-81705, Type II, or cushioned in material conforming to PPP-C-795, Class 2; PPP-C-1752, Type VII, Class 4; PPP-C-1797, Type II; or PPP-C-1842, Type III. Lead or terminal configurations for all items shall be maintained as manufactured without causing loads or stresses capable of causing item damage. Materials used to protect lead or terminal configurations shall permit item removal without damage to the item. The unit container shall consist of a heat sealed bag conforming to MIL-E3-81705, Type I. All containers used shall be marked as specified for sensitive electronic devices in D-LM-008-034/SF-000 and D-LM-008-035/1SF-000.
JL	Package Method IC-3 using MIL-B-22191 Type III film. Sharp edges and protrusions shall be sufficiently cushioned with transparent material to protect the item and barrier.
JM	Package Method III as follows: Unit container shall consist of one piece of 3/8-inch (.95 cm) plywood and once piece of double wall fibreboard, 43-GP-22, each 4 inches (10 cm) longer and wider than the item dimensions. Place item on plywood, cover with fibreboard and staple fibreboard to plywood on sides and ends. For items longer than 96 inches (244 cm) frame panel in accordance with PPP-B-601 (used for backing boards and similar flat items).
JN	Package in accordance with MIL-P-23199, Level B.
JR	Package Method III. Package technical literature Method IC-1 and place on top of contents prior to closure of unit container.
JS	Package Method IA-14. Package technical literature Method IC-1 and place on top of contents prior to closure of unit container.
JT	Package Method IIb. Package technical literature Method IC-1 and place on top of contents prior to closure of unit container.
NOTES -	<p>1. Cleaning, preservation and packaging shall be in accordance with Level A requirements of MIL-B-197</p> <p>2. In order to reduce cube and afford better physical protection to item, disassemble where operation is simple and commonly available tools only are required to reassemble.</p>

3.2.4 Digit 3 (Field 2) Quantity per unit package - Codes to be used in the Quantity Per Unit Package (QUP) field of the code (third digit) are cited in Table V.

Table V Quantity per unit package codes

Code	Quantity	Code	Quantity	Code	Quantity
1	1	B	12	N	72
2	2	C	15	P	75
3	3	D	16	Q	100
4	4	E	18	R	120
5	5	F	20	S	144
6	6	G	24	T	200
7	7	H	25	U	250
8	8	J	32	V	500
9	9	K	36	W	1000
Ø	See Note	L	48	X	Bulk
A	10	M	50		

Code	Code
Y Packager's option provided all other contractual requirements are met.	Z Special requirement - refer to special instruction or drawings provided.

NOTE - When a quantity other than listed in this table is desired, a "Z" will be used. In this case the desired quantity must be provided by supplementary instructions. When the quantity is included in the method of preservation code, a "Ø" will be used.

3.2.5 Digit 4 (Field 3) Cleaning method

3.2.5.1 Cleaning - The cleaning process listed in the code, Table VI, shall be accomplished with materials and in the manner specified in D-LM-008-001/SF-001. Cleaned items must be capable of meeting the requirements of the cleanliness test of these specifications.

3.2.5.2 Drying - Drying shall be accomplished by one or more of the procedures of D-LM-008-001/SF-001. The procedure selected shall not be injurious to the item.

3.2.6 Digits 5 and 6 (Field 4) Preservative material - Codes used in the preservative materials field of the code (5th and 6th digits) are listed in Table VII.

3.2.7 Digits 7 and 8 (Field 5) Wrapping material - Codes used for wrapping material are cited in Table VIII. When a specific class, type or grade of wrap is not specified, the material selected must be adequate to prevent damage to the item and to other elements of the package.

Tableau VI — Cleaning procedure codes

Code	Cleaning Procedure	Code	Cleaning Procedure
0	No requirement.	D	Process C-9; Alkaline cleaning.
1	Process C-1; Any applicable process in accordance with D-LM-008-001 /SF-001	E	Cleaning shall be in accordance with MIL-M-9950, MISSILE COMPONENTS; Cleaning and Packaging for Delivery.
3	Process C-3; Two step petroleum solvent.	F	Clean for oxigen service in accordance with industrial practice. Petroleum and other nonflammable solvents shall not be used.
5	Process C-5; Petroleum solvent follow- ed by finger-print removal	G	Process C-1 1, Electro-cleaning.
6	Process C-5 or C-18; Petroluem solvent or vapour degreasing followed by finger-print removal.	H	Process C-12, Emulsion Cleaning.
7	Process C-7; Vapour degreasing.	J	Process C-15, Abrasive blast.
8	Process C-8; Finger-print removal.	K	Process C-16, Abrasive blast (honing process).
9	Process C-14; Steam cleaning	L	Process C-17, Soft grit blast.
A	Process C-18; Vapour degreasing followed by finger-print removal.	M	Process C-19; Ultrasonic cleaning in accordance with industry practice.
B	Clean lenses and optical equipment in accordance with MIL-D-16898 optical elements — Packaging of	N	Cleaning shall be in accordance with MIL-STD-767 Piping System Cleaning Requirements for.
C	Process C-8; Using material conforming to O-M-232, Methanol (Methyl Alcohol).	P	Process D-1, Blast or prepared, dry, clean compressed air.
		Q	Process D-4, Wiping with clean, dry, lint free cloths or specially prepared wiping papers.
		R	Clean for high pressure air service in accordance with industry practice to assure safe equipment. Petroleum and other flammable solvents shall not be us- ed. Attach certification of special cleaning accomplished to each unit.
		X	See Method of Preservation Code (1st and 2nd digits) for this requirement.
		Y	Packager's option provided all other contractual requirements are met.
		Z	Special Requirements — See specific instructions or drawings provided.

3.2.8 Digits 9 and 10 (Field 6) Cushioning and dunnaging — Codes used in cushioning and dunnaging are cited in Table IX. When a specific class, type or grade of cushioning and dunnaging material is not specified, it must be adequate to prevent damage to the item and to other elements of the package.

3.2.8.1 Boxes used as cushioning — Boxes cited as cushioning in this field of the code shall be limited to those boxes which are used inside the barrier. Boxes used as the outer container of the method of preservation shall be described as unit intermediate containers in the 12th, 13th, 15th and 16th digit of the code.

3.2.9 Digit 11 (Field 7) Cushioning thickness — Thickness of cushioning material or dunnage shall be as shown in Table X.

Table VII Preservation material codes

CODE	
ØØ	No requirement.
Ø1	P-1, 31-GP-1. Corrosion, Preventive, Compound, Cold Application, Hard Film.
Ø2	P-2, 31-GP-3. Corrosion, Preventive, Compound, Cold Application, Soft Film.
Ø3	P-3, 31-GP-4. Corrosion, Preventive, Compound, Cold Application, Water Displacing, Soft Film.
Ø6	P-6, MIL-C-11796. Class 3, Light Preventive, Compound, Soft Film, Hot Application.
Ø7	P-7, MIL-L-3150. Oil, Preservative, Medium, Cold Application.
Ø9	P-9, VV-L-800. Very light, Preservative Oil Water Displacing, Cold Application.
1Ø	P-10, MIL-L-21260. Lubricating Oil, Internal-Combustion Engine, Preservative, Grade 1, Light Viscosity Oil, Grade 2, Medium Viscosity Oil, or Grade 3, Heavy Viscosity Oil.
11	P-11, MIL-G-23827. Grease, Aircraft and Instrument, Gear and Actuator Screw.
12	P-11, MIL-G-81322. Grease, Aircraft, General Purpose.
13	P-11, 3-GP-685. Grease, Automotive and Artillery.
14	P-11, MIL-C-10382. Corrosion Preventive Compound; Food Handling Machinery and Equipment.
15	P-1 5, MIL-H-461 70, Hydraulic Fluid, Rust inhibited, fire retardant, synthetic hydrocarbon base.
17	P-17, MIL-L-6085. Lubricating Oil Instrument, Aircraft, Low Volatility.
18	P-18, MIL-L-3420. Inhibitor, Corrosion Volatile, Treated Carrier Type, Packaging Materials.
19	P-19, MIL-C-16173, Grade 4, Corrosion Preventive, Solvent, Cutback, Cold Application, Transparent, Non-tacky.
2Ø	P-20, MIL-L-46002. Lubricating Oil, Contact and Volatile Corrosion Inhibitor Treated.
21	P-21, MIL-C-16173. Grade 5, Thin Film Preservative.
26	MIL-C-0083933, Corrosion Preventive Compound, Cold application (for motor vehicles), fire retardant.
27	MIL-C-16555, Type I, Coating Compound, strippable, sprayable, fire retardant, aluminum and aluminum gray.
28	MIL-C-16555, Type II, Class I, Coating compound, strippable, sprayable, fire retardant, Olive drab.
29	MIL-C-16555, Type II, Class 2, Coating Compound, Strippable, sprayable, fire retardant, marine core green.
3Ø	MIL-L-8937. Lubricant, Solid Film, Heat Cured.

Table VII Preservation material codes (continued)

CODE	
31	MIL-C-6529. Corrosion-Preventive Compound, Aircraft Engine, Type II, Ready-mixed Material for Reciprocating Aircraft Engines.
32	MIL-C-6529, Type III, Ready-mixed Material for Turbojet Aircraft Engines which use MIL-L-6081 Lubricating Oil.
33	MIL-L-7808. Lubricating Oil, Aircraft Turbine Engine, Synthetic Base.
38	MIL-P-149, Compound: Protective, Strippable, Hot Dipping.
43	MIL-G-25537 Grease, Aircraft Helicopter.
49	Vendor's protective grease or oil coating.
5Ø	MIL-L-7870 Lubricating Oil, General Purpose, Low Temperature.
51	MIL-L-6081, Oil, Lubricating, Jet Engine, Grade 1010.
52	MIL-C-8188, Corrosion-Preventive Oil, Gas Turbine, Engine, Aircraft, Synthetic Base.
53	MIL-L-6082, Lubricating Oil, Aircraft, Reciprocating (Piston) Engine, Fire retardant.
56	MIL-L-23699, Lubricating Oil, Aircraft Turbine Engine, Synthetic Base.
57	MIL-L-21260, Lubricating Oil, internal combustion engine, preservative and break-in, Grade 10, light viscosity oil.
58	MIL-L-21260, Grade 2, medium viscosity oil.
59	MIL-L-21260, Lubricating Oil, Grade 3, Heavy Viscosity Oil.
61	3-GP-26, Hydraulic Fluid Petroleum.
62	MIL-H-6083, Hydraulic Fluid, Petroleum Base, Preservative.
65	MIL-H-83282, Hydraulic fluid, syn. hydrocarbon, fire retardant.
71	MIL-P-3420, Inhibitor, Corrosion, Volatile, Treated Carrier Type, Type 1. For General Application.
72	MIL-P-3420, Type II, For Limited Application.
73	P-9, Lubricating Oil, General Purpose, Preservative, (Water-displacing, Low Temperature) over-wrapped with MIL-P-3420, Type I material.
78	MIL-B-22019, Film, Transparent, Flexible, Heat Sealable, Volative Corrosion Inhibitor Treated.
79	MIL-B-46167, Brake Fluid, silicone, automotive, operational and preservative.
80	MIL-P-46093, Primer Coating, synthetic (for brake drums).
83	P-9 applied to operating parts with P-1 applied to external non-critical surfaces.
89	Preserve with normal operating lubricant.
92	MIL-H-6083, Hydraulic Fluid Petroleum Base, Preservative applied to interior surfaces; P-6 applied to critical external ferrous metal surfaces and/or P-1 applied to external non-critical ferrous metal surfaces.

Table VII Preservation material codes (continued)

CODE	
93	MIL-C-81309, Grade A, Compound, Corrosion Preventive, Water Displacing, Ultra-Thin Film.
94	MIL-C-81309, Grade B, Compound, Corrosion Preventive, Water Displacing, Ultra-Thin Film.
95	MIL-C-22235, Corrosion, Preventative Oil, Non-staining.
AA	Preservative used shall be in accordance with general provisions of D-LM-008-001/SF-001.
XX	See Method of Preservation Code (1st and 2nd digits) for this requirement.
YY	Packager's option so long as all other contractual requirements are met.
ZZ	Special Requirement - See specific instructions or drawings provided.

Table VIII Wrapping material codes

CODE	
AA	Material used shall be in accordance with the general provisions of Specification D-LM-008-001/SF-001.
AB	MIL-B-81916, Barrier watervaporproof, flexible, heat sealable, Flame resistant.
BA	43-GP-148 Aluminum Foil.
CA	9-GP-5 Paper, Kraft Wrapping.
CE	UU-P-268, Kraft Wrapping, Type 1, Grade C, fire retardant.
DA	9-GP-7 Paper, Tissue Wrapping.
EA	MIL-P-17667, Chemically Neutral Wrapping Paper.
EB	MIL-P-17667, Type I.
EC	MIL-P-17667, Type II, Class 1.
ED	MIL-P-17667, Type II, Class 2.
FA	MIL-P-130, Laminated and Creped Wrapping Paper.
FB	MIL-P-130, Type I.
FC	MIL-P-130, Type II.
FD	MIL-P-130, Type III.
GA	MIL-B-121, Greaseproof, Waterproof barrier.
GB	MIL-B-121, Grade A.
GC	MIL-B-121, Type I, Heavy Duty, Grade A.
GD	MIL-B-121, Type I, Grade A, Class 1, Heat Sealable.
GE	MIL-B-121, Type I, Grade A, Class 2, Non Heat Sealable.
GF	MIL-B-121, Type II, Medium Duty.
GG	MIL-B-121, Type II, Class 1, Grade A, Heat Sealable.
GH	MIL-B-121, Type II, Class 2, Grade A, Non Heat Sealable.
GK	MIL-B-121, Grade A, overwrap with MIL-P-130, and secure the outer wrap.
GM	MIL-B-131, Class 1, General.
GN	MIL-B-131, Class 2, Limited.
GP	MIL-B-131, Class 3, Scrim.
HC	PPP-B-1055 Barrier Material, Waterproofed, Flexible.

Table VIII Wrapping material codes (continued)

CODE	
JA	43-GP-30 Film, Packaging Low Density Polyethylene.
JB	PPP-C-795, Cushioning Material, Flexible, Cellular, Plastic Film, for Packaging Applications, Class 1, Thin, Up to 1/4 inch (.63 cm).
JL	MIL-B-22019, Film, Transparent, Flexible, Heat Sealable, Volatile Corrosion Inhibitor Treated.
JV	MIL-B-22191, Films, Transparent, Flexible, Heat Sealable, Type III.
JW	PPP-C-795, Cushioning Material, Flexible, Cellular, Plastic Film, for Packaging Applications, Class 1, Medium, 1/4 to 3/8 inch (.63 cm to .95 cm).
JX	PPP-C-795, Class 1, Thick, Greater than 3/8 inch (.95 cm).
K3	MIL-B-81705, Type II, Barrier Material, Flexible, Electrostatic Free Heat Sealable.
LA	NNN-P-40, Paper, Lens, Type II.
MA	PPP-P-291, Paperboard, Wrapping and cushioning.
N1	PPP-C-795, Cushioning Material, Flexible, Cellular, Plastic Film, for Packaging Applications, Class 2, Thin, Up to 1/4 inch (.63 cm), antistatic.
N2	PPP-C-795, Class 2, Medium, 1/4 inch (.63 cm) to 3/8 inch (.95 cm), antistatic.
N3	PPP-C-795, Class 2, Thick, Greater than 3/8 inch (.95 cm), antistatic.
N4	PPP-C-1797, Cushioning Material, Resilient, Low Density, Unicellular Polypropylene Foam, 1/16inch (.03 cm).
N5	PPP-C-1797, 3/32 inch (.15 cm).
N6	PPP-C-1797, 1/8 inch (.31 cm).
N7	PPP-C-1797, 1/4 inch (.63 cm).
N8	MIL-B-81705, Type I Barrier Materials, Flexible, Electrostatic Free, Heat Sealable.
PA	PPP-C-795, Class 3, Flexible, Closed cell, Fire retardant, Non corrosive, Heat sealable.
OO	No requirement.
XX	See Method of Preservation Code (1st and 2nd digits) for this requirement.
YY	Packager's option so long as all other contractual requirements are met.
ZZ	Special requirements - See specific instructions or drawings required.

Table IX Cushioning and dunnage material codes

CODE	
AA	Any cushioning and dunnage which will meet the general requirements of D-LM-008-001/SF-001.
AB	Cushioning and dunnage used within the unit container shall be treated latex or sponge rubber, cellulosic preforms, rubberized hair, or cane fibre inserts.
AC	Provide cushioning outside of the transparent unit package when packing within the shipping container. Any cushioning which meets the general requirements of D-LM-008-001/SF-001 is acceptable.
AD	Cushion, anchor, block or brace in accordance with MIL-STD-1186.
AF	Cushioning conforming to the general requirements of D-LM-008-001/SF-001 shall be located between the barrier and outer container.
AG	MIL-F-87090, Class 1, Combustion retardant foam for cushioning supply items aboard navy ships (Sheet stock).
AH	MIL-F-81334, Foam Plastic, flexible, open cell, polyester type, polyurethane Grades 1 and 2.
AJ	MIL-F-87090, Class 2, combustion retardant foam for cushioning supply items aboard navy ships (Sheet Stock).
BA	PPP-C-843, Cellulosic cushioning material.
BB	PPP-C-843, in 43-GP-17 or 43-GP-18 Box.
BC	PPP-C-843, in 43-GP-21 Box Class 1.
BD	PPP-C-843, Type 1.
BE	PPP-C-843, Type 1 in 43-PG-17 or 43-PG-18 Box.
BF	PPP-C-843, Type 1 in 43-GP-21 Box.
BG	PPP-C-843, Type II.
BH	PPP-C-843, Type II in 43-GP-17 or 43-GP-18 Box.
BJ	PPP-C-843, Type II in 43-GP-21 Box.
BL	PPP-C-850, Cushioning material, Polystyrene expanded, resilient, Type 1 (Sheet Form) and Type 2 (Roll Form) Grade SE Flame resistant.
BN	PPP-C-850, Cushioning Material, Polystyrene, Expanded, Resilient (for Packaging Use).
DA	PPP-P-291 Paperboard, Wrapping and Cushioning.
DB	PPP-P-291 in 43-GP-17 or 43-GP-18 Box.
DC	PPP-P-291 in 43-GP-21 Box Class I.

Table IX Cushioning and dunnage material codes (continued)

CODE	
DD	MIL-R-5001, Rubber cellular sheet, latex foam, Type 1 and Type 2, Grade A (Flame resistant).
DH	MIL-R-0020092, Type 1, Class 5, Fire retardant, Shipboard
DJ	MIL-R-0020092, Type 2, Class 5, Fire retardant, shipboard.
EA	43-GP-17, 43-GP-18 or 43-GP-20 Box.
EB	Vendors Set-up or Folding Box.
EC	43-GP-21, Box Fibreboard, Class Domestic.
ED	Vendor's fibreboard box.
EG	PPP-T-495, Mailing Tube.
EM	PPP-C-1120, Cushioning material, Bound Fiber, Class B.
EN	PPP-C-1120, Type 1 (soft) Class B.
EQ	PPP-C-1120, Type 1, Class B, in 43-GP-21 Class 1 Box.
ER	PPP-C-1120, Type II (medium soft) Class B.
ET	PPP-C-1120, Type II, Class B, in 43-GP-21 Class 1 Box.
EU	PPP-C-1120, Type III (medium firm) Class B.
EW	PPP-C-1120, Type III, Class B, in 43-GP-21 Class 1 Box.
EX	PPP-C-1120, Type IV, (firm) Class B.
EZ	PPP-C-1120, Type IV, Class B, in 43-GP-21 Class 1 Box.
FA	PPP-C-1120, Class A (water resistant), cushioning material, bound.
FB	PPP-C-1120, Type 1 (soft) Class A.
FC	PPP-C-1120, Type 1, Class A, in 43-GP-17 or 43-GP-18 Box.
FD	PPP-C-1120, Type 1, Class A, in 43-GP-21 Class 1 Box.
FE	PPP-C-1120, Type II (medium soft), Class A.
FF	PPP-C-1120, Type II, Class A, in 43-GP-17 or 43-GP-18 Box.
FG	PPP-C-1120, Type II, Class A, in 43-GP-21 Class 1 Box.
FH	PPP-C-1120, Type III, (medium firm) Class A.
FJ	PPP-C-1120, Type III, in 43-GP-17 or 43-GP-18 Box.
FK	PPP-C-1120, Type III, in 43-GP-21 Class 1 Box.
FL	PPP-C-1120, Type IV, (firm) Class A.

Table IX - Cushioning and dunnage material codes (continued)

CODE	
FM	PPP-C-1120, Type IV, Class A, in 43-GP-17 or 43-GP-18 Box.
FN	PPP-C-1120, Type IV, Class A, in 43-GP-21 Class 1 Box.
GA	PPP-C-1752, Cushioning Material, Packaging, Unicellular, Polyethylene Foam, Flexible, 2 Pounds per Cubic Foot.
GB	MIL-F-83671, Packaging Material, Foam-in-Place, Class 3, Fire Retardant.
GC	MIL-P-19644, Plastic, Molding Material.
GD	MIL-P-26514, Type I, Class 1 Polyurethane, Prefoamed, Rigid, Fire Retardant.
GE	MIL-P-26514, Type I, Class 2, Grade A, Polyurethane, Prefoamed, Flexible, Light Load Range, 45g's or less, Fire Retardant.
GF	MIL-P-26514, Type I, Class 2, Grade B, Polyurethane, Prefoamed, Flexible, Medium Load Range, 65g's or less, Fire Retardant.
GH	MIL-P-26514, Type I, Class 2, Grade B, Polyurethane, Prefoamed, Flexible, Medium Load Range, 45g's or less, Fire Retardant.
GJ	MIL-P-26514, Type I, Class 2, Grade C, Polyurethane, Prefoamed, Flexible Heavy Load Range, 65g's or less, Fire Retardant.
GK	MIL-F-83671, Class 2, Grade A, Foam-in-Place, Fire Retardant.
GL	MIL-F-83671, Class 2, Grade B, Foam-in-Place, Fire Retardant.
GM	MIL-F-83671, Class 1, Foam-in-Place, Fire Retardant.
GP	PPP-C-1752, Cushioning Material, Packaging, Unicellular, Polyethylene Foam, Flexible, 1 Pound per Cubic Foot.
GO	MIL-P-26514, Type I, Class 2, Grade C, polyurethane, prefoamed, flexible, heavy load range, 45g's or less, fire retardant.
GR	MIL-P-26514, Type I, Class 2, Grade C, polyurethane, prefoamed, flexible, heavy load range, 65g's or less, fire retardant.
GS	Polyurethane cushioning in rigid plastic container.
GT	PPP-C-1797, Cushioning Material, Resilient, Low Density, Unicellular, Polypropylene Foam, 1/16 Inch.
GU	PPP-C-1797, 3/32 Inch.
GV	PPP-C-1797, 1/8 inch (.31 cm).
GW	PPP-C-1797, 1/4 inch (.63 cm).
GY	PPP-C-1797, 3/16 inch.
GZ	MIL-P-19644, Plastic Molding Material, polystyrene Foam, expanded bead. Fire retardant, Type II.

Table IX Cushioning and dunnage material codes (continued)

CODE	
HA	UU-C-282 Chipboard sheet used as a stiffener on one side of item.
HB	UU-C-282 Chipboard sheet used as a stiffener on both sides of item.
HC	UU-C-282 Chipboard sheet used as pads on all surfaces.
HD	UU-C-282 Chipboard sheet used as pads, cells, die-cuts or sleeves.
HE	UU-C-282 Chipboard sheet used as a stiffener on one side of item in 43-GP-17 or 43-GP-18 Box.
HF	UU-C-282 Chipboard sheet used as a stiffener on both sides of the item in 43-GP-17 or 43-GP-18 box.
HG	UU-C-282 Chipboard sheet used as pads on all surfaces in 43-GP-17 or 43-GP-18 Box.
HH	UU-C-282 Chipboard sheet used as pads, cells, die-cuts or sleeves in 43-GP-17 or 43-GP-18 Box.
HJ	UU-C-282 Chipboard sheet used as a stiffener on one side of item in 43-GP-21 Class 1.
HK	UU-C-282 Chipboard sheet used as a stiffener on both sides of item in 43-GP-21 Class 1.
HL	UU-C-282 Chipboard sheet used as pads on all surfaces in 43-GP-21 Class 1.
HM	UU-C-282 Chipboard sheet used as pads, cells, die-cuts or sleeves in 43-GP-21 Class 1.
HN	PPP-C-1752 Type VII, Class 1, Cushioning material, unicellular, Polyethylene Foam.
JA	43-GP-22 Type III Fibreboard used as a stiffener on one side of the item.
JB	43-GP-22 Type III Fibreboard used as a stiffener on both sides of the item.
JC	43-GP-22 Type II or Type III Fibreboard used as pads, cells, sleeves or die-cuts.
JD	43-GP-22 Type III Fibreboard used as a stiffener on one side of the item in 43-GP-17 or 43-GP-18 Box.
JE	43-GP-22 Type III Fibreboard used as stiffener on both sides of the item in a 43-GP-17 or 43-GP-18 box.
JF	43-GP-22 Type II or Type III used as pads, cells, sleeves or die-cuts in 43-GP-17 or 43-GP-18 box.
JG	43-GP-22 Type III Fibreboard used as a stiffener on one side of the item in 43-GP-21 Class 1.

Table IX Cushioning and dunnage material codes (continued)

CODE	
JH	43-GP-22 Type III Fibreboard used as a stiffener on both sides of the item in 43-GP-21 Class 1.
JJ	43-GP-22 Type II or Type III Fibreboard used as pads, cells, sleeves or die-cuts in 43-GP-21 Class 1.
JL	PPP-F-320 Class Weather Resistant used as a stiffener on both sides of the item.
JM	PPP-F-320 Class Weather Resistant used as a stiffener on one side of the item.
JN	PPP-F-320 Class Weather Resistant used as pads, cells, sleeves or die-cuts.
JQ	Fibreboard triple-wall cells, pads, sleeves or die-cuts, made of materials used in the fabrication of PPP-B-640 boxes.
LB	4-GP-35 Felt, Hair and or Wool Untreated or Rot Resistant.
LC	PPP-C-795 Cushioning Materials, Flexible, Cellular, Plastic Film, for Packaging Applications, Class 1, Thin, Up to 1/4 inch (.63 cm).
LD	PPP-C-795, Class 1, Greater than 1/4 inch (.63 cm).
LE	MIL-P-26514, Polyurethane Foam Rigid or Elastic, for Packaging, Type 1, Class 2. Used as corner Pads, Fire retardant.
LF	MIL-C-3955, Spirally Wound Fibre Cans (material used as tubing without metal ends.)
LG	43-GP-22 Type III Fibreboard discs faced on both sides with MIL-B-121, Grade A, Barrier Material (cushioning inside fibre cans).
LH	Utilize the chest or carrying case of the item as the inner container.
LJ	43-GP-3 Tape Adhesive, Pressure Sensitive, Water Resistant for Packaging. Applied to exposed threads.
LK	Wood blocking and bracing, and/or fasteners, and or steel strapping for tie-down purposes. Rubber tired wheels shall be blocked clear of the floor of the crate or skid, and shall not be load bearing.
LN	Plastic Containers, (Boxes, Vials, etc) shall be constructed of rigid, transparent material and, if applicable, resistant to lubricant or preservative being used.
LP	CSA0115, 0121, OR 0151 plywood padded as required; used as a pressure strip block, brace or pallet.
LR	PPP-C-795, Cushioning Material, Flexible, Cellular, Plastic Film, For Packaging Applications, Class 1, Medium 1/4 to 3/8 Inch (.63 cm to .95 cm).
LS	PPP-C-795 Class 1, Thick, Greater than 3/8 Inch (.95 cm).
LT	PPP-C-795 Class 2, Thin, Up to 1/4 inch (.63 cm), antistatic pink.

Table IX Cushioning and dunnage material codes (continued)

CODE	
LU	PPP-C-795 Class 2, Medium, 1/4 à 3/8 Inch (.95 cm), Antistatic pink.
LV	PPP-C-795 Class 2, Thick, Greater than 3/8 Inch (.95 cm), Antistatic pink.
LX	PPP-C-795, in 43-GP-21 Class 1.
MA	MIL-P-26514 Type II, Class 2, Polyurethane, Flexible, Foamed-in-Pace.
MB	MIL-P-26514 Type II, Class 1, Polyurethane Rigid, Foamed-in-Place.
MC	MIL-P-26514 Type II, Class 1, Polyurethane, Density 0.5 through 1.0 pounds per cubic foot (.80 through 16.1 cu cm).
MD	MIL-P-26514 Type II, Class 1, Polyurethane, Density 1.2 through 1.5 pounds per cubic foot (19.3 through 24.1 cu cm).
ME	MIL-P-26514 Type II, Class 1, Polyurethane, Density 1.6 through 1.9 pounds per cubic foot (25.7 through 30.5 cu cum).
MF	MIL-P-26514 Type II, Class 1, Polyurethane, Density 2.0 through 2.4 pounds per cubic foot (32.1 through 38.5 cu CM).
MG	PPP-C-843, Type II or PPP-C-795 and PPP-C-1797 as delineated in Code NA.
NA	PPP-C-795, Cushioning Material, Flexible, Cellular, Plastic Film, for packaging applications, or PPP-C-1842, Cushioning Material, Plastic, Open Cell for packaging applications or PPP-C-1797, Cushioning Material, Resilient, Low Density, Unicellular, Polypropylene Foam or PPP-C-752 Cushioning Material Packaging Unicellular Polyethylene Foam.
NB	PPP-C-1842, Type III, Style A.
ND	PPP-C-795 or PPP-C-1842 or PPP-C-1797 or PPP-C-1752 in 43-GP-21 Class 1 Box.
NG	PPP-C-1842, Cushioning Material, Plastic, Open Cell.
NR	PPP-F-320, Class Domestic, Fiberboard used as Pads, Cells, Sleeves or die cuts in PPP-B-636, Class Domestic Box or Cushioning Material conforming to MIL-P-19644 or Polyurethane Foam conforming to MIL-P-26514.
NS	PPP-F-320, Class weather resistant used as Pads, Cells, Sleeves or die cuts or plastic molding material conforming to MIL-P-19644 or Polyurethane Foam conforming to MIL-P-26514.
NT	ASTM C516-80E 1.
NU	PPP-C-795, Cushioning Material, Flexible, Cellular, Plastic Film, for Packaging Application or PPP-C-1842, Cushioning Material, Plastic, Open cell for Packaging Application or PPP-C-1797, Cushioning Material, Resilient, Low Density, Unicellular Polypropylene Foam or PPP-C-1752, Cushioning Material, Packaging, Unicellular Polyurethane Foam, Flexible or PPP-B-566 or PPP-B-676 Box.
NV	PPP-C-1842, Cushioning Material, Type III, Plastic Open Cell for Packaging Application or PPP-C-1797, Cushioning Material, Resilient, Low Density, Unicellular Polypropylene Foam in PPP-B-566 or PPP-B-676 Box.

Table IX Cushioning and dunnage material codes (continued)

CODE	
NW	PPP-C-1842, Cushioning Material, Type III Plastic open cell for packaging application or PPP-C-1797, unicellular Polypropylene Foam in 43-GP-21, Class 1 Box.
00	No requirement.
XX	See Method of Preservation Code (1st and 2nd digits) for this requirement.
YY	Packager's option so long as other contractual requirements are met.
ZZ	Special requirements - See specific instructions or drawings provided.

Table X Cushioning thickness codes

CODE	MAXIMUM THICKNESS	CODE	MAXIMUM THICKNESS
A	1/4 inch thick (.63 cm).	Q	3-3/4 inches thick (9.5 cm).
B	1/2 inch thick (1.2 cm).	R	4 inches (10.1 cm).
C	3/4 inch thick (1.9 cm).	S	4-1/4 inches thick (10.7 cm).
D	1 inch thick (2.5 cm).	T	4-1/2 inches thick (11.4 cm).
E	1-1/4 inches thick (3.1 cm).	U	4-3/4 inches thick (12 cm).
F	1-1/2 inches thick (3.8 cm).	V	5 inches thick (12.7 cm).
G	1-3/4 inches thick (4.4 cm).	W	5-1/4 inches thick (13.3 cm).
H	2 inches thick (5 cm).	X	As required to protect the item or elements of the package.
J	2-1/4 inches thick (5.7 cm).	O	Not applicable.
K	2-1/2 inches thick (6.3 cm).	Y	Packager's option provided all other contractual requirements are met
L	2-3/4 inches thick (6.9 cm).	Z	Special requirements - See specific instructions or drawing provided.
M	3 inches (7.6 cm).		
N	3-1/4 inches thick (8.2 cm).		
P	3-1/2 inches thick (8.8 cm).		

3.2.10 Digits 12 and 13 (Field 81 Unit containers and Digits 15 and 16 (Field 10) Intermediate containers - Intermediate containers are interior containers which enclose two or more unit containers of identical items, Intermediate containers are used only when two or more intermediate containers are to be enclosed within a shipping container.

3.2.10.1 Option - When the code allows an option in the selection of the containers to be used, the weight and size limitations of the container specification will apply.

Table XI Unit and intermediate container codes

CODE	
1Ø	Any suitable container included in this table.
11	Unit or shipping containers is not required. Preparation for shipment shall be accomplished in a manner which will ensure safe delivery at destination, and shall comply with CTC Freight Classification Regulations, or other regulations, as applicable to the mode of transportation.
12	Bag conforming to requirements of UU-B-23 (Flame retardant).
A1	Bags made of MIL-P-130 Paper or MIL-B-121, Grade A, or MIL-B-1 17. Closure may be by staples, tape, adhesive or Heat Seal.
A2	Any bag or sack used by the vendor.
A3	Bags made of material conforming to MIL-B-121, Grade A, or 43-GP-30. Closure shall be Heat Seal only.
A4	Bags made of material conforming to MIL-B-11 7, Type 1 Class G, Style 1. (Flame Resistant).
AA	PPP-B-20 Mailing Bags.
AC	PPP-S-30 Sacks, Shipping, Paper, (Cushioned).
AD	PPP-S-30 Type I, Exterior Packaging Bags.
AE	PPP-S-30, Type II, Interior Packaging Bags.
AH	PPP-B-35, Bags, Textile, Shipping.
AJ	PPP-B-35, Type I, Standard Burlap Bag.
AK	PPP-B-35, Type II, Standard Cotton Bag.
AL	PPP-B-35, Type III, Laminated Textile Bags.
AN	43-GP-2, Bags, Paper (Kraft), Grocers.
AO	Any suitable bag or sack, included in this table.
B1	MIL-B-117, Type I, Class B, Style 3, Heavy Duty, Waterproof, Opaque and Transparent, Bag.
B2	MIL-B-117, Type I, Class C, Style 3, Heavy Duty, Waterproof, Greaseproof, Opaque and Transparent, Bag.
B3	MIL-B-1 17, Type I, Class E, Style 3, Heavy Duty, Greaseproof, Waterproof, Water Vapour-proof, Opaque and Transparent, Bag.
B4	MIL-B-1 17, Type II, Class F, Style 3, Medium Duty, Greaseproof, Waterproof, Water Vaporproof, Opaque and Transparent, Bag.
B6	MIL-B-1 17, Type III, Class C, Style 2, Light Duty, Waterproof, Greaseproof, Transparent, Bag.

Table XI Unit and intermediate container codes (continued)

CODE	
B7	MIL-B-117 bags or bags made of 43-GP-30 material, fabricated in accordance with MIL-B-1 17, closure may be staples, tape, adhesive or heat seal.
B8	MIL-B-117, Type I, Class A, Style 2, Heavy Duty, Water-proof Electrostatic Free.
B9	MIL-B-117, Type I, Class F, Style 1, Heavy Duty Watervapor-proof, Electrostatic Free.
BD	Bags made from material conforming to MIL-B-131, Barrier Materials, water-vaporproof, flexible; MIL-B-121, Grade A, Barrier Materials, greaseproof, flexible, non-corrosive non-transferrable coating; or Barrier Material, waterproof.
BE	Bags made from material conforming to MIL-B-121, Grade A.
BL	Bags, made of material conforming to 43-GP-30 Film, Packaging, Low-density Polyethylene.
BQ	MIL-B-117, Bags, Type 1, Class D, Heavy Duty, waterproof.
BR	Bags made of material conforming to MIL-B-121, Grade A.
BS	Bags made of material conforming to MIL-B-131.
BT	MIL-B-22020, Bag, Transparent, Heat Sealable VCI, Treated.
BU	MIL-B-117, Type II, Class B, medium Type, waterproof Bag.
BV	Bags made of material conforming to MIL-B-121, Grade C.
BW	Bags made of material conforming to MIL-B-131, Class II.
BX	MIL-B-117, Type III, Class B, light duty, waterproof bag.
CA	PPP-B-1806, Barrel and Kegs, Wood, Slack.
CF	PPP-D-723, Drum, Fibre.
CG	PPP-D-723, Type I, Domestic Type.
CH	PPP-D-723, Type II, Normal overseas type.
CJ	PPP-D-723, Type III, Military overseas type.
CO	Any suitable fibre drum, included in this table.
CR	PPP-D-723, Type I, Grade A, Class 2.
CS	Vendor's fibre drum.
CT	43-GP-17.
CU	43-GP-17 or 43-GP-20, Type 2.
CV	PPP-B-566, Variety 2, Process II or PPP-B-665, Class 2 or PPP-B-636, Type CF, Class weather-resistant.

Table XI Unit and intermediate container codes (continued)

CODE	
CW	PPP-B-665, Class 2, Box, Paperboard Metal Edged and Components.
D1	43-GP-17 or 43-GP-18, Folding or set-up boxes.
D2	43-GP-20, Metal-Stayped; 43-GP-18, Set-up or 43-GP-17, Folding, paperboard boxes.
D3	43-GP-17, 43-GP-20, 43-GP-21, Folding Metal-stayed, set-up or fibreboard boxes.
D4	Vendor's set-up or folding box.
D6	43-GP-17 or 43-GP-18.
D7	Water resistant PPP-B-566 or PPP-B-676 box.
D8	Grease resistant PPP-B-566 or PPP-B-676 box.
DA	43-GP-17 Boxes, Folding Paperboard.
DB	MIL-B-43666, Type III.
DC	MIL-B-38721, Boxes, Consolidation, Fibreboard.
DE	43-GP-18, Boxes, Set-Up, Paperboard.
DJ	43-GP-20, Boxes, Metal-stayed, Paperboard.
DO	Any suitable fibre box, included in this table.
DP	PPP-B-640, Box, Triplewall.
DQ	PPP-B-640, Class 1.
DR	PPP-B-640, Class 2.
DU	CFPS 17, Box, Cleated Panels, Type 2, 3 or 4.
DV	CFPS 17, Type 3 or 4.
DW	CFPS 17, Type 2.
E1	43-GP-21, Boxes, Fibreboard, Type I or Type II, Class 1.
E2	43-GP-21, Type I or type II, Class 2.
E3	43-GP-21, W5c or W6c.
E4	43-GP-21, W5s or W6s.
E5	43-GP-21, any desired option.
E6	Vendor's fibreboard box.
E7	43-GP-21, Type I, Class 1 Single Wall.
E8	43-GP-21, Type I, Class 1 Double Wall.

Table XI Unit and intermediate container codes (continued)

CODE	
E9	43-GP-21, Type I, Class 2.
EB	43-GP-21, Type I.
EC	43-GP-21, Type I, Class 1.
ED	43-GP-21, Type I, Class 2.
EE	43-GP-21, V3c.
EF	43-GP-21, W5c.
EG	43-GP-21, W6c.
EM	43-GP-21, Type II.
EN	43-GP-21, Type II, Class 1.
EP	43-GP-21, Type II, Class 2.
EQ	43-GP-21, V3s.
ER	43-GP-21, W5s.
ES	43-GP-21, W6s.
ET	43-GP-21, V1s.
EU	43-GP-21, V2s.
EV	PPP-B-1364, Box, Corrugated Fibreboard, High Strength, Water Resistant, DW.
EW	43-GP-21, Vac or Vas.
EX	PPP-B-621, Class 2, Style 7.
EY	PPP-B-621, Class 1, Style 7.
F1	43-GP-47, PPP-B-576 or 43-GP-23, Wood Boxes.
F2	43-GP-47, Boxes, Wood, Cleated -Plywood, Overseas Type; or 43-GP-46 Overseas Type.
F3	PPP-B-601, Boxes, Wood, Cleated -Plywood, Domestic Type, or PPP-B-621, Class 1.
F4	43-GP-47, Grade A Plywood shall have the grade stamp of an approved testing agency.
F5	Vendor's wood box.
F6	43-GP-47, Style I or J, Wood-cleated, Plywood box, surface treated in accordance with the requirements of the specification.

Table XI Unit and intermediate container codes (continued)

CODE	
F9	Shallow box, constructed of plywood and wood as follows: Sides and ends of one-piece lumber, 3/4 inch (1.9 cm) minimum thickness. Top and bottom of one-piece Standard Grade 3/8 inch (.95 cm) plywood with exterior glue conforming to PSI-66. End cleats shall run across the grain of the ends and shall extend within 1/8 inch (.31 cm) of the outside surface of the top and bottom. Sides shall extend over the cleats. Battens shall be applied in accordance with paras 3.3.5, 3.3.5.2, 3.3.5.2.1, 3.3.5.2.2 and Table VIII of PPP-B-621 except exterior battens or cleats shall not be used on the top. Nailing pattern and size of nails used in fastening the top and bottom to the sides and ends shall conform to Table XII of PPP-B-621 for the Style 4 box.
FA	43-GP-46 Nailed Wooden Boxes.
FB	43-GP-46 Domestic Type.
FC	43-GP-46 Overseas Type.
FD	43-GP-47 Cleated Plywood Boxes.
FE	43-GP-47 Cleated Plywood Boxes, Type 1.
FF	43-GP-47 Cleated Plywood Boxes, Type 2.
FG	43-GP-47 Cleated Plywood Boxes, Type 3.
FH	PPP-B-601, Fire retardant treated with non teachable compounds in accordance with MIL-L-19140.
FK	PPP-B-576 Box Wood, cleated, Veneer, Paper Overlaid.
FL	PPP-B-576, (Class 1).
FM	PPP-B-576, (Class 2).
FO	Any suitable wood box, included in this table.
FP	43-GP-23, Boxes, Wooden, Wirebound.
FQ	43-GP-23, Class 1.
FR	43-GP-23, Class 2.
FU	MIL-B-26195, Box, Wood Cleated, Skidded, Load Bearing Base.
FV	MIL-B-26195, Type I, Domestic.
FW	MIL-B-26195, Type II, Overseas.
FX	43-GP-23M, Type 1, Class A.
GA	43-GP-23M, Type 1, Class B.
GC	MIL-P-46161, Grade B.
HA	PPP-C-96, Cans, Metal.

Table XI Unit and intermediate container codes (continued)

CODE	
HB	PPP-C-96, Type I, Round, Square Oblong, or Bear-shaped, Open-top, Double-seamed Ends.
HC	PPP-C-96, Type II, Round, Soldered Side and End Seams, Soldered Vent Hold Closures.
HD	PPP-C-96, Type III, Round, Open-top Double-seamed Ends, Key Opening Band with Reclosure Feature.
HE	PPP-C-96, Type IV, Round, Oval or Oblong one piece drawn body. Open-top with crimped, soldered or double-seamed lid, or lid crimped in position by means of an annular band with tear tab.
HF	PPP-C-96, Type V, Round, Square, Oval or Oblong, both ends crimped or double-seamed on (Class Optional).
HG	PPP-C-96, Type VI, Round, Square or Oblong, bottom and crimped or double-seamed on, with full friction plug or slip cover or hinged closure.
HH	PPP-C-96, Type VII, Round, Flaring body.
HJ	PPP-C-96, type VIII, Round, dome or cone top, both ends double-seamed on, top end fitted with crown or screw cap closure, or a special dispensing fitting.
HK	PPP-C-96, Type IX.
HO	Any suitable metal can, included in this table.
HU	MIL-C-26094, Cans Hermetic Sealing, Aluminum, Two Piece.
JC	MIL-C-3955, Cans, Fibre, Spirally Wound.
JD	MIL-C-3955, Type I, Single Body.
JE	MIL-C-3955, Type II, Telescopic Type.
JF	MIL-C-3955, Type II, Telescopic, Type Grade A, Untreated (low moisture resistance).
JG	MIL-C-3955, Type II, Telescopic Type, Grade B, Asphalt Treated (highly moisture resistant).
JH	PPP-C-96, Type V, Class 1, Round, Square, Oval or Oblong, both ends crimped or double-seamed on, single friction plug closure.
JJ	PPP-C-96, Type V, Class 2, Round, Square, Oval or Oblong, both ends crimped or double-seamed on, with multiple friction plug closure.
JK	PPP-C-96, Type V, Class 3. Round, Square, Oval or Oblong, both ends crimped or double-seamed on, with Newman seal closure.
JL	PPP-C-96, Type I, Class 4, Round, Square, Oval or Oblong, both ends crimped or double-seamed on, with screw cap closure.
JM	PPP-C-96, Type V, Class 5, Round, Square, Oval or Oblong, both ends crimped or double-seamed on, with snap-on closure.

Table XI Unit and intermediate container codes (continued)

CODE	
JN	PPP-C-96, Type V, Class 6, Round, Square, Oval or Oblong, both ends crimped or double-seamed on, with spout closure.
JP	Any suitable fibre can, included in this table.
K1	Each unit shall be packaged in a reusable metal container of minimum practicable size conforming to MIL-D-6054, MIL-D-6055, or MIL-C-4150, depending upon size or capacity of container required. This container will be used to accomplish the preservation method indicated by the 1st and 2nd digits of the code.
KA	MIL-C-4150, Case, Carrying and Storage, cushioned within a 43-G-21 Box, Class domestic, ers, Polyurethane, Rigid or Elastic for Packaging Small Engines.
KB	MIL-C-9959, Container, Flexible, Reusable Watervaporproof, Flame resistant, Type 1, Grade A.
KE	MIL-D-6054, Drum, Steel, Shipping, Reusable.
KF	MIL-D-6055, Drums, Metal Reusable, Shipping and Storage.
KO	Any suitable rigid case or container, included in this table.
KP	MIL-C-5584, Containers, Shipping, Aircraft Engine, Metal, Reusable.
M1	MIL-C-9897, Crate, Slotted Angle, Steel or Aluminum, for Lightweight Airframe Components and Bulky Items, Type I, Style A, 500 pound (227 kg) maximum weight.
M2	MIL-C-9897, Type II, Style A, 500 pound (227 kg) maximum gross weight.
M3	MIL-C-9897, Type I, Style B, 3,000 pound (1.4 metric tons) gross weight.
M4	MIL-C-9897, Type II, Style B, 3000 pound (1.4 metric tons) gross weight.
M5	Vendor's open wood crate.
MA	MIL-C-104, Crate, Wood, Lumber and Plywood Sheathed. Nailed and Bolted.
MB	MIL-C-104, Type I, Nailed, Class 1, Lumber.
MC	MIL-C-104, Type II, Bolted, Class 1, Lumber.
MF	MIL-C-104, Type I, Nailed, Class 2, Plywood.
MG	MIL-C-104, Type II, Bolted Class 2, Plywood.
MJ	MIL-C-3774, Crate, Wood, Open (12.000 to 16.000 pound (5.5 to 7.3 metric tons) capacity.
MO	Any suitable wood crate, included in this table.
MU	MIL-C-25731, Types VI and VII as applicable.
MV	MIL-C-52950, Crates, Wood, Open and Covered, Style A-Heavy Duty.

Table XI Unit and intermediate container codes (continued)

CODE	
MW	MIL-C-25731, Crate, Wood, For Lightweight Aircraft Components.
MX	MIL-C-52950, Crates, Wood, Open and Covered, Style B-Light Duty.
MY	Naval aviation supply office DWG no. 15024 for shipping and storage of gyroscopic instruments.
NO	43-GP-21, Grade VIc, Double Wall.
NP	43-GP-21, Grade V13c, Double Wall.
NQ	43-GP-21, Grade V15c, Double Wall.
NR	PPP-B-1672, Vertical, Star Pack Type I, Includes internal cushioning.
NS	PPP-B-1672, Folded Convolutd, Pack Type II, Includes internal cushioning.
NT	43-GP-21, Type 1 or 2, Class 1, Style 5 or 6.
NU	43-GP-21, Type 1 or 2, Class 2, Style 5 or 6.
NV	PPP-B-1672, Telescoping Encapsulated Pack Type III, includes Internal Cushioning.
NW	PPP-B-1672, Horizontal Star Pack Type IV, includes Internal Cushioning.
NY	Naval aviation supply office DWG no. P069, molded, reusable, for circuit cards and modules.
00	No requirements.
P1	CFPS 17, Cleated Panels and boxes, Type I, Style A.
P2	CFPS 17, Type I, Style B.
P3	CFPS 17, Type I, Style A or B.
P4	CFPS 17, Type I, Style A.
PC	CFPS 17, Type I, any style.
PD	CFPS 17, Type III, Style A.
PE	CFPS 17, Type III, Style B.
PF	CFPS 17, Type III, any style.
PJ	CFPS 17, Type III, Style A or B.

Table XI - Unit and intermediate container codes (continued)

CODE	
PK	MIL-P-9902 Demountable Box, Type II, Class 1, Style A, PPP-B-601, Box Wood, Cleated - Plywood, Overseas Type, PPP-B-621, Box Wood, Nailed, Class 2 or PPP-B-640, Fiberboard Box. Triple-Wall, Class 2. Provide with nominal 2" x 4" skids. See box specifications for weight limitations. The packaged item shall be centered and cushioned on all surfaces between the unit package and the shipping container with cushioning conforming to PPP-C-1 120, Type III or IV, Class C, PPP-C-1752, PPP-C 850, Type I or II, MIL-P-26514 or MIL-R-20092, Type II, Class 4 as required. Close, seal and reinforce fiberboard boxes in accordance with the appendix to the box specification. Steel banding is not permitted for fiberboard boxes. Wood and plywood boxes shall have top panels secured with wood screws (except MIL-B-9902 box) and boxes banded. The top, one side and one end of the shipping container shall be marked "REUSABLE CONTAINER AND CUSHIONING - USE FOR RETURN OF NRFI ASSEMBLY". Black letters, minimum 2" high. Also, containers closed with screws shall be marked, "To open use screw driver". Black letters, minimum 1" high.
RS	PPP-P-704, Type I-5 Gallon (23 litres), Tight Head, Steel Shipping Pail.
RT	PPP-P-704, Type II, Steel Shipping Pails, (1 through 12 gallons) (5 through 55 litres) Lug Cover.
RU	PPP-D-705, Type III Steel Shipping Drum, full removable lug cover.
W1	PPP-T-495, Tubes, Mailing and Filing, Styles A or B.
W2	PPP-T-495, Style C.
W3	PPP-T-495, Style D.
WA	Suitable secured bundle.
WB	MIL-C-4150 (included Styles A and B requirements of cancelled MIL-B-253051. MIL-C-5584 includes Stylec requirements of cancelled Specification MIL-B-25305.
WC	MIL-B-9361, Box, Metal, Fuel Tanks Aircraft External Nested.
WD	Plastic Containers shall be constructed of rigid transparent material and, if applicable, resistant to lubricant or preservative being used. Containers too small for adequate marking shall be over-packaged in envelopes for identification marking purposes.
WM	PPP-T-495, Tubes, Mailing and Filing, Paper.
WP	9-GP-5M, Paper, Kraft, Untreated, Wrapping, secured so as not to come unwrapped.
WQ	43-GP-30, Film packaging low density polyethylene.
WR	PPP-P-291, Paperboard, Wrapping, Cushioning, secured so as not to come unwrapped.
WS	43-GP-22, Fiberboard, Taped. Used as Interior Unit Container.
WU	MIL-B-5806, Box, Helicopter Blade.
WV	Wire or nylon tape ties a minimum of four places.

Table XI - Unit and intermediate container codes (continued)

CODE	
WX	Cylindrical container of 22 mm thick polyethylene; closure may be by mechanical fasteners or heat seal.
XX	See Method of Preservation Code (1st and 2nd digits) for this requirement.
YY	Packager's option so long as all other contractual requirements are met.
ZZ	Special Requirement - See specific instructions or drawings provided.
<p>NOTE 1. Reusable aluminum shipping container assembly for Method II Packaging, Includes plug type humidity indicator, pressure relief valve, cushioning and internal fibreboard box.</p>	

3.2.11 Digit 14 (Field 9) Intermediate container quantity - This code represents the number of unit packages to be included in the intermediate container

Table XII Intermediate container quantity codes

Code	Intermediate Container Quantity	Code	Intermediate Container Quantity	Code	Intermediate Container Quantity
2	2	C	15	L	40
4	4	D	16	M	45
5	5	E	20	N	48
6	6	F	24	P	50
8	8	G	25	Q	100
Ø	None	H	30	R	144
A	10	J	35	S	200
B	12	K	36		

X See Method of Preservation Code (1st and 2nd digits) for this requirement.

Y Packer's option provided all other contractual requirements are met.

Z Special requirement - See specific drawings or instructions provided.

3.2.12 Digit 17 (Field 11) Level of protection. - Codes used in the level of Protection field of the code are cited in Tables XIII, XIV and XV. The codes in these tables indicate the level of protection which the package provides the item. In addition, the codes of Tables XIX and XX modify certain of the unit container dimensions.

Table XIII Basic levels of protection codes

CODE	LEVEL
A	Level A
B	Level B
C	Level C
X	Commercial - NOTE 1

Note 1 - Commercial protection may be used to satisfy any degree of protection whenever the technical design details of the unit pack meets all conditions of the Level of protection specified.

Level of protection codes - These codes are used when it is necessary to code maximum length, width or depth dimensions in excess of 10 feet (305 cm). Use tables as indicated under the length, width and depth columns.

Table XIV Modified level of protection codes
(for any packages in excess of ten feet ((305 cm) in any side).

Level A Codes	Level B Codes	Length	Width	Depth
1	J	XIX	XVIII	XVIII
2	K	XVIII	XIX	XVIII
3	L	XVIII	XVIII	XIX
4	M	XIX	XIX	XVIII
5	N	XIX	XVIII	XIX
6	P	XVIII	XIX	XIX
7	Q	XIX	XIX	XIX

Table XV Modified level of protection codes (used for packages with dimensions less than 4.95 feet (151 cm) on a side, when dimensional increments of less than one-tenth of a foot (3 cm) are required)

Level A Codes	Level B Codes	Length	Width	Depth
8	R	XX	XVIII	XVIII
9	S	XVIII	XX	XVIII
D	T	XVIII	XVIII	XX
E	U	XX	XX	XVIII
F	V	XX	XVIII	XX
G	W	XVIII	XX	XX
H	X	XX	XX	XX

3.2.13 Digits 18 and 19 (Field 12) Maximum weight - The codes given in Table XVI provide the maximum allowable weight of the unit package. Packagers are encouraged to use the lightest weight materials and containers which will provide the required protection. Further, the packager is not expected to weight packages to the nearest 1/100 of a pound (.04 kg). Decimals shown under two pounds (.9 kg) approximate 1/2 or 1 ounce (14.2 or 28.4 ml) increments.

Table XVI Maximum weight codes

WEIGHT		CODE	WEIGHT		CODE	WEIGHT		CODE
<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>	
0.04	18	AA	2.40	1.08	A2	7.10	3.19	C7
0.07	31	AB	2.50	1.12	BV	7.20	3.24	CX
0.10	45	AC	2.60	1.17	A3	7.30	3.28	C8
0.13	58	AD	2.67	1.20	BW	7.40	3.33	DA
0.17	77	AE	2.84	1.27	BX	7.50	3.37	C9
0.20	90	AF	2.90	1.30	A4	7.60	3.42	DB
0.23	104	AG	3.00	1.35	CA	7.70	3.46	D1
0.25	113	AH	3.10	1.39	A5	7.80	3.51	DC
0.29	130	AJ	3.20	1.42	CB	7.90	3.55	D2
0.32	144	AK	3.30	1.48	A6	8.00	3.60	DD
0.35	158	AL	3.40	1.53	CC	8.10	3.64	D3
0.37	167	AM	3.50	1.57	A7	8.20	3.69	DE
0.41	185	AN	3.60	1.62	CD	8.30	3.73	D4
0.44	195	AP	3.70	1.66	A8	8.40	3.78	DF
0.50	226	AG	3.80	1.71	CE	8.50	3.82	D5
0.57	258	AR	3.90	1.75	A9	8.60	3.87	DG
0.63	285	AS	4.00	1.80	CF	8.70	3.91	D6
0.69	312	AT	4.10	1.84	B1	8.80	3.96	DH
0.75	339	AU	4.20	1.89	CG	8.90	4.00	D7
0.82	371	AV	4.30	1.93	B2	9.00	4.05	DJ
0.88	398	AW	4.40	1.98	CH	9.10	4.09	D8
0.94	425	AX	4.50	2.02	B3	9.20	4.14	DK
1.00	453	BA	4.60	2.07	CJ	9.30	4.18	D9
1.07	484	BB	4.70	2.11	B4	9.40	4.23	DL
1.13	511	BC	4.80	2.16	CK	9.50	4.27	E1
1.20	543	BD	4.90	2.20	B5	9.60	4.32	DM
1.25	566	BE	5.00	2.25	CL	9.70	4.36	E2
1.32	597	BF	5.10	2.29	B6	9.80	4.41	DN
1.37	620	BG	5.20	2.34	CM	9.90	4.45	E3
1.44	652	BH	5.30	2.38	B7	10.00	4.50	DP
1.50	679	BJ	5.40	2.43	CN	10.10	4.54	E4
1.57	711	BK	5.50	2.47	B8	10.20	4.59	E5
1.63	738	BL	5.60	2.52	CP	10.25	4.61	DQ
1.69	765	BM	5.70	2.56	B9	10.40	4.68	E6
1.75	792	BN	5.80	2.61	CQ	10.50	4.72	DR
1.82	824	BP	5.90	2.65	C1	10.60	4.77	E7
1.88	851	BQ	6.00	2.70	CR	10.70	4.81	E8
1.94	879	BR	6.10	2.74	C2	10.75	4.83	DS
2.00	906	BS	6.20	2.79	CS	10.90	4.90	E9
2.10	951	A1	6.30	2.83	C3	11.00	4.95	DT
2.17	983	BT	6.40	2.88	CT	11.10	4.99	F1
2.34	1060	BU	6.50	2.92	C4	11.20	5.04	F2
			6.60	2.97	CU	11.25	5.06	DU
			6.70	3.01	C5	11.40	5.13	F3
			6.80	3.06	CV	11.50	5.17	DV
			6.90	3.10	C6	11.60	5.22	F4
			7.00	3.15	CW			

Table XVI Maximum weight codes

WEIGHT		CODE	WEIGHT		CODE	WEIGHT		CODE
<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>	
11.70	5.26	F5	16.70	7.51	J9	21.70	9.76	N8
11.75	5.28	DW	16.80	7.56	ET	21.80	9.81	FL
11.90	5.35	F6	16.90	7.60	K1	21.90	9.85	N9
12.00	5.40	DX	17.00	7.65	K2	22.00	9.90	P1
12.10	5.44	F7	17.10	7.69	E4	22.10	9.94	P2
12.20	5.49	F8	17.20	7.74	K3	22.20	9.99	FM
12.25	5.51	EA	17.30	7.78	K4	22.30	10.03	P3
12.40	5.58	F9	17.40	7.83	EV	22.40	10.08	P4
12.50	5.62	EB	17.50	7.87	K5	22.50	10.12	P5
12.60	5.67	G1	17.60	7.92	K6	22.60	10.17	FN
12.70	5.71	G2	17.70	7.96	EW	22.70	10.21	P6
12.75	5.73	EC	17.80	8.01	K7	22.80	10.26	P7
12.90	5.80	G3	17.90	8.05	K8	22.90	10.30	P8
13.00	5.85	ED	18.00	8.10	EX	23.00	10.35	FP
13.10	5.89	G4	18.10	8.14	K9	23.10	10.39	P9
13.20	5.94	G5	18.20	8.19	L1	23.20	10.44	Q1
13.25	5.96	EE	18.30	8.23	FA	23.30	10.48	QZ
13.40	6.03	G6	18.40	8.28	L2	23.40	10.53	FQ
13.50	6.07	EF	18.50	8.32	L3	23.50	10.57	Q3
13.60	6.12	G7	18.60	8.37	FB	23.60	10.62	Q4
13.70	6.16	G8	18.70	8.41	L4	23.70	10.66	Q5
13.75	6.18	EG	18.80	8.46	L5	23.80	10.70	FR
13.90	6.25	G9	18.90	8.50	FC	23.90	10.75	Q6
14.00	6.30	EH	19.00	8.55	L6	24.00	10.80	Q7
14.10	6.34	H1	19.10	8.59	L7	24.10	10.84	Q8
14.20	6.39	H2	19.20	8.64	FD	24.20	10.89	FS
14.25	6.41	EJ	19.30	8.68	L8	24.30	10.93	Q9
14.40	6.48	H3	19.40	8.73	L9	24.40	10.98	R1
14.50	6.52	EK	19.50	8.77	FE	24.50	11.02	R2
14.60	6.57	H4	19.60	8.82	M1	24.60	11.07	FT
14.70	6.61	H5	19.70	8.86	M2	24.70	11.11	R3
14.75	6.63	EL	19.80	8.91	FF	24.80	11.16	R4
14.90	6.70	H6	19.90	8.95	M3	24.90	11.20	R5
15.00	6.75	EM	20.00	9.00	M4	25.00	11.25	FU
15.10	6.79	H7	20.10	9.04	M5	25.30	11.38	R6
15.20	6.84	H8	20.20	9.09	FG	25.50	11.47	FV
15.30	6.88	EN	20.30	9.13	M6	25.80	11.61	R7
15.40	6.93	H9	20.40	9.18	M7	26.00	11.70	FW
15.50	6.98	J1	20.50	9.22	M8	26.30	11.83	R8
15.60	7.02	EP	20.60	9.27	FH	26.50	11.92	FX
15.70	7.06	J2	20.70	9.31	M9	26.80	12.06	R9
15.80	7.11	J3	20.80	9.36	N1	27.00	12.15	GA
15.90	7.15	EQ	20.90	9.40	N2	27.30	12.28	S1
16.00	7.20	J4	21.00	9.45	FJ	27.50	12.37	GB
16.10	7.24	J5	21.10	9.49	N3	27.80	12.41	S2
16.20	7.29	ER	21.20	9.54	N4	28.00	12.60	GC
16.30	7.35	J6	21.30	9.58	N5	28.30	12.73	S3
16.40	7.38	J7	21.40	9.63	FK	28.50	12.82	GD
16.50	7.42	ES	21.50	9.67	N6	28.80	12.96	S4
16.60	7.47	J8	21.60	9.72	N7	29.00	13.05	GE

Table XVI Maximum weight codes

WEIGHT		CODE	WEIGHT		CODE	WEIGHT		CODE
<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>	
29.30	13.18	S5	44.50	20.02	V3	68.20	30.69	Y2
29.50	13.27	GF	44.80	20.16	V4	68.80	30.96	JG
29.80	13.41	S6	45.20	20.34	HG	69.50	31.27	Y3
30.10	13.54	GG	45.60	20.52	V5	70.10	31.54	JH
30.40	13.68	S7	46.10	20.74	HH	70.80	31.86	Y4
30.70	13.81	GH	46.50	20.92	V6	71.50	32.17	11
31.00	13.95	S8	47.00	21.15	HJ	72.20	32.49	Y5
31.30	14.08	GJ	47.50	21.37	V7	72.90	32.80	JK
31.60	14.22	S9	47.90	21.55	HK	73.50	33.07	Y6
31.90	14.35	GK	48.20	21.69	V8	74.20	33.39	JL
32.30	14.53	T1	48.50	21.82	V9	74.90	33.70	Y7
32.50	14.62	GL	48.80	21.96	HL	75.60	34.02	JM
32.80	14.76	T2	49.20	22.14	W1	76.30	34.33	Y8
33.10	14.89	GM	49.50	22.27	W2	77.10	34.69	JN
33.40	15.03	T3	49.70	22.36	HM	77.80	35.01	Y9
33.70	15.16	GN	50.00	22.50	W3	78.60	35.37	JP
34.00	15.30	T4	50.30	22.63	W4	79.50	35.77	Z1
34.30	15.43	GP	50.70	22.81	HN	80.10	36.04	JQ
34.60	15.57	T5	51.20	23.04	W5	80.80	36.36	Z2
34.90	15.70	GQ	51.70	23.26	HP	81.70	36.76	JR
35.30	15.88	T6	52.20	23.49	W6	82.50	37.12	Z3
35.60	16.02	GR	52.70	23.71	HQ	83.30	37.48	JS
35.90	16.15	T7	53.20	23.94	W7	84.10	37.84	Z4
36.30	16.33	GS	53.70	24.16	HR	84.90	38.20	JT
36.70	16.51	T8	54.20	24.39	W8	85.70	38.56	Z5
37.00	16.65	GT	54.70	24.61	HS	86.60	38.97	JU
37.30	16.78	GU	55.20	24.84	W9	87.50	39.37	Z6
37.50	16.87	T9	55.70	25.06	HT	88.30	39.73	JV
37.80	17.01	U1	56.30	25.33	X1	89.20	40.14	Z7
38.10	17.14	GV	56.80	25.56	HU	90.00	40.50	JW
38.50	17.32	U2	57.30	25.78	X2	90.90	40.90	Z8
38.80	17.46	GW	57.90	26.05	HV	91.80	41.31	JX
39.10	17.59	U3	58.30	26.33	X3	92.70	41.71	Z9
39.50	17.77	GX	59.00	26.55	HW	93.60	42.12	KA
39.80	17.91	U4	59.50	26.77	X4	94.50	42.52	1A
40.30	18.13	HA	60.10	27.04	HX	95.40	42.93	KB
40.50	18.27	U5	60.70	27.31	X5	96.20	43.29	KC
40.80	18.36	U6	61.30	27.58	JA	97.10	43.69	KD
41.10	18.49	HB	61.90	27.85	X6	98.90	44.50	1B
41.30	18.53	U7	62.50	28.12	JB	99.70	44.86	1C
41.60	18.72	U8	63.00	28.35	X7	100	45.00	1D
41.90	18.85	HC	63.70	28.66	JC	101	45.45	KE
42.30	19.03	U9	64.30	28.93	X8	102	45.90	1E
42.70	19.21	HD	64.90	29.20	JD	103	46.35	KF
43.00	19.35	V1	65.70	29.56	X9	104	46.80	1F
43.50	19.57	HE	66.20	29.79	JE	105	47.25	KG
43.80	19.71	V2	66.90	30.10	Y1	106	47.70	1G
44.30	19.93	HF	67.50	30.37	JF	107	48.15	KH

Table XVI Maximum weight codes

WEIGHT		CODE	WEIGHT		CODE	WEIGHT		CODE
<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>	
108	48.60	1H	157	70.65	LK	214	96.30	MF
109	49.05	KJ	158	71.10	2K	216	97.20	3S
110	49.50	1J	159	71.55	2L	218	98.10	MG
111	49.95	KK	160	72.00	LL	220	99.00	3T
112	50.40	1K	161	72.45	2M	222	99.90	MH
113	50.85	KL	162	72.90	2N	224	100.80	3U
114	51.30	1L	163	73.35	LM	226	101.70	MJ
115	51.75	KM	164	73.80	2P	228	102.60	3V
116	52.20	1M	165	74.25	2Q	230	103.50	MK
117	52.65	KM	166	74.70	LN	232	104.40	3W
118	53.10	1N	167	75.15	2R	234	105.30	ML
119	53.55	KP	168	75.60	2S	236	106.20	3X
120	54.00	1P	169	76.05	LP	238	107.10	MM
121	54.45	KQ	170	76.50	2T	240	108.00	3Z
122	54.90	1Q	171	76.95	2U	242	108.90	MN
123	55.35	KR	172	77.40	LQ	244	109.80	4A
124	55.80	1R	173	77.85	2V	246	110.70	MP
125	56.25	KS	174	78.30	2W	248	111.60	4B
126	56.70	1S	175	78.75	LR	250	112.50	MQ
127	57.15	KT	176	79.20	2X	253	113.85	4C
128	57.60	1T	177	79.65	2Y	255	114.75	MR
129	58.05	KU	178	80.10	LS	257	115.65	4D
130	58.50	1U	179	80.55	2Z	260	117.00	MS
131	58.95	KV	180	81.00	3A	263	118.35	4E
132	59.40	1V	181	81.45	LT	265	119.25	MT
133	59.85	KW	182	81.90	3B	267	120.15	4F
134	60.30	1W	183	82.35	3C	270	121.50	MU
135	60.75	KX	184	82.80	LU	273	122.85	4G
136	61.30	1X	185	83.25	3D	275	123.75	MV
137	61.65	LA	186	83.70	LV	277	124.65	4H
138	62.10	1Y	187	84.15	3E	280	126.00	MW
139	62.55	LB	188	84.60	3F	283	127.35	4J
140	63.00	1Z	189	85.05	3G	285	128.25	MX
141	63.45	LC	190	85.50	LW	287	129.15	4K
142	63.90	2A	191	85.95	3H	290	130.50	NA
143	64.35	LD	192	86.40	3J	293	131.85	4L
144	64.80	2B	193	86.85	LX	295	132.75	NB
145	65.25	LE	194	87.30	3K	298	134.10	4M
146	65.70	2C	195	87.75	3L	301	135.45	NC
147	66.15	LF	196	88.20	MA	304	136.80	4N
148	66.60	2D	197	88.65	3M	307	138.15	ND
149	67.05	LG	198	89.10	3N	310	139.50	4P
150	67.50	2E	199	89.55	MB	313	140.05	NE
151	67.45	LH	202	90.90	MC	316	142.20	4Q
152	68.40	2F	204	91.80	3P	319	143.55	NF
153	68.85	2G	206	92.77	MD	322	144.90	4R
154	69.30	LJ	208	93.60	3Q	325	146.25	MG
155	69.75	2H	210	94.50	ME	328	147.60	4S
156	70.20	2J	212	95.50	3R	331	148.95	NH

Table XVI Maximum weight codes

WEIGHT		CODE	WEIGHT		CODE	WEIGHT		CODE
<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Kilo Grams</u>	
334	150.50	4T	528	237.60	PL	850	382.50	6U
337	151.65	NJ	533	239.85	5U	859	386.55	QP
340	153.00	4U	538	242.10	PM	867	390.15	6V
343	154.35	NK	543	244.35	5V	876	394.20	QQ
346	155.70	4V	548	246.60	PN	884	397.80	6W
349	157.05	NL	553	248.85	5W	893	401.85	QR
352	158.40	4W	559	251.55	PP	902	405.90	6X
356	160.20	NM	564	253.80	5X	911	409.95	QS
359	161.35	4X	570	256.50	PQ	920	414.00	6Y
363	163.35	NN	575	258.75	5Y	929	418.05	QT
366	164.70	4Y	581	261.45	PR	938	422.10	6Z
370	166.50	NP	587	264.15	5Z	947	426.15	QU
373	167.75	4Z	592	266.40	PS	956	430.20	7A
377	169.65	NQ	598	269.10	6A	966	434.70	QV
381	171.45	5A	604	271.80	PT	975	438.75	7B
384	172.80	NR	610	274.50	6B	985	443.25	QW
387	174.15	5B	618	277.20	PU	994	447.30	7C
391	175.95	NS	622	279.90	6C	1,004	451.80	QX
394	177.30	5C	628	282.60	PV	1,014	456.30	7D
398	179.10	NT	633	284.85	6D	1,024	460.80	RA
402	180.90	5D	640	288.00	PW	1,034	465.30	7E
406	182.70	NU	647	291.15	6E	1,044	469.80	RB
410	184.50	5E	653	293.85	PX	1,055	474.75	7F
414	186.30	NV	659	296.55	6F	1,065	479.25	RC
418	188.00	5F	666	299.70	QA	1,076	484.20	7G
422	189.90	NW	672	302.40	6G	1,086	488.70	RD
424	190.80	5G	679	305.55	QB	1,097	493.65	7H
428	192.60	NX	686	308.70	6H	1,108	498.60	RE
432	194.40	5H	692	311.40	QC	1,119	503.55	7J
436	196.20	PA	699	314.55	6J	1,130	508.50	RF
440	198.00	5J	706	317.70	QD	1,142	513.00	7K
444	199.80	PB	713	320.85	6K	1,153	518.85	RG
448	201.60	5K	720	324.00	QE	1,165	524.25	7L
453	203.85	PC	727	327.15	6L	1,176	529.20	RH
458	206.10	5L	734	330.30	QF	1,180	531.00	7M
462	207.90	PD	741	333.45	6M	1,199	539.55	RJ
466	209.70	5M	749	337.05	QG	1,211	544.25	7N
471	211.95	PE	756	340.20	6N	1,223	550.35	RK
475	213.75	5N	764	343.80	QH	1,235	555.75	7P
480	216.00	PF	771	346.95	6P	1,247	561.15	RL
484	217.80	5P	779	350.55	QJ	1,260	567.00	7Q
489	220.05	PG	786	353.70	6Q	1,272	572.40	RM
494	222.30	5Q	794	357.30	QK	1,285	578.25	7R
498	224.10	PH	802	360.90	6R	1,299	584.55	RN
502	225.90	5R	810	364.50	QL	1,312	590.40	7S
508	228.00	PJ	818	368.10	6S	1,325	596.25	RP
513	230.85	5S	826	374.70	QM	1,338	602.10	7T
518	233.10	PK	834	375.30	6T	1,352	608.40	RQ
523	235.35	5T	842	378.90	QN	1,365	614.25	7U

Table XVI Maximum weight codes

WEIGHT		CODE	WEIGHT		CODE	WEIGHT		CODE
<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Metric Tons</u>		<u>Pounds</u>	<u>Metric Tons</u>	
1,379	620.55	RR	2,223	1.00	ST	3,598	1.63	TV
1,393	626.85	7V	2,245	1.01	8V	3,634	1.64	9V
1,407	633.15	RS	2,268	1.02	SU	3,671	1.66	TW
1,421	639.45	7W	2,291	1.03	8W	3,708	1.68	9W
1,435	645.75	RT	2,314	1.04	SV	3,745	1.70	TX
1,449	652.05	7X	2,337	1.06	8X	3,783	1.71	9X
1,464	658.80	RU	2,361	1.07	SW	3,821	1.73	UA
1,478	665.10	7Y	2,385	1.08	8Y	3,859	1.75	9Y
1,493	671.25	RV	2,409	1.09	SX	3,898	1.76	UB
1,508	678.60	7Z	2,433	1.10	8Z	3,937	1.78	9Z
1,523	685.35	RW	2,458	1.11	TA	3,977	1.80	UC
1,538	692.10	8A	2,483	1.12	9A	4,017	1.82	01
1,554	699.30	RX	2,508	1.13	TB	4,058	1.84	UD
1,569	706.05	8B	2,533	1.14	9B	4,099	1.86	02
1,585	715.25	SA	2,558	1.16	TC	4,140	1.87	UE
1,601	720.45	8C	2,585	1.17	9C	4,182	1.89	03
1,617	727.65	SB	2,611	1.18	TD	4,224	1.91	UF
1,633	734.85	8D	2,637	1.19	9D	4,267	1.93	04
1,649	742.05	SC	2,664	1.20	TE	4,310	1.95	UG
1,665	749.25	8E	2,691	1.22	9E	4,353	1.97	05
1,682	756.90	SD	2,718	1.23	TF	4,397	1.99	UH
1,699	761.55	8F	2,745	1.24	9F	4,441	2.01	06
1,716	772.20	SE	2,773	1.25	TG	4,486	2.03	UJ
1,733	779.85	8G	2,801	1.27	9G	4,531	2.05	07
1,750	787.50	SF	2,829	1.28	TH	4,577	2.07	UK
1,767	795.15	8H	2,857	1.29	9H	4,623	2.09	08
1,785	803.25	SG	2,886	1.31	TJ	4,670	2.12	UL
1,803	811.35	8J	2,915	1.32	9J	4,717	2.14	09
1,821	819.45	SH	2,944	1.33	TK	4,765	2.16	UM
1,839	827.55	8K	2,974	1.35	9K	4,813	2.18	10
1,858	830.10	SJ	3,004	1.36	TL	4,862	2.20	UN
1,876	844.20	8L	3,034	1.37	9L	4,911	2.22	11
1,895	852.75	SK	3,065	1.39	TM	4,961	2.25	UP
1,914	861.30	8M	3,096	1.40	9M	5,011	2.27	12
1,933	869.85	SL	3,217	1.41	TN	5,062	2.29	UQ
1,952	878.40	8N	3,159	1.43	9N	5,113	2.32	13
1,972	887.40	SM	3,190	1.44	TP	5,165	2.34	UR
1,992	896.40	8P	3,222	1.46	9P	5,217	2.36	14
2,012	905.40	SN	3,255	1.47	TQ	5,270	2.39	US
2,032	914.40	8Q	3,288	1.49	9Q	5,323	2.41	15
2,053	923.85	SP	3,321	1.50	TR	5,377	2.44	UT
2,073	932.85	8N	3,354	1.52	9R	5,431	2.46	16
2,094	942.30	SQ	3,388	1.53	TS	5,486	2.49	UU
2,115	951.45	8S	3,422	1.55	9S	5,541	2.51	17
2,136	961.20	SR	3,457	1.56	TT	5,597	2.54	UV
2,157	970.65	8T	3,492	1.58	9T	5,653	2.56	18
2,179	980.55	SS	3,527	1.60	TU	5,711	2.59	UW
2,201	990.45	8U	3,563	1.61	9U	5,769	2.61	19

Table XVI Maximum weight codes

WEIGHT		CODE	WEIGHT		CODE	WEIGHT		CODE
<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Metric Tons</u>		<u>Pounds</u>	<u>Metric Tons</u>	
5,827	2.64	UX	12,200	5.53	WC	21,820	9.89	67
5,914	2.68	20	12,383	5.62	45	22,034	9.99	XA
6,002	2.72	VA	12,566	5.69	WD	22,254	10.00	68
6,092	2.76	21	12,754	5.79	46	22,474	10.19	69
6,182	2.80	VB	12,943	5.87	WE	22,695	10.29	XB
6,247	2.83	22	13,137	5.96	47	22,922	10.39	70
6,367	2.89	VC	13,331	6.04	WF	23,149	10.49	71
6,462	2.93	23	13,531	6.14	48	23,376	10.61	XC
6,558	2.97	VD	13,731	6.23	WG	23,609	10.71	72
6,656	3.02	24	13,937	6.32	49	23,843	10.82	73
6,755	3.06	VE	14,143	6.42	WH	24,077	10.93	XD
6,856	3.11	25	14,355	6.51	50	24,318	11.02	74
6,958	3.15	VF	14,567	6.65	WJ	24,559	11.14	75
7,062	3.20	26	14,785	6.71	51	24,800	11.25	XE
7,167	3.25	VG	15,004	6.81	WK	25,048	11.37	76
7,274	3.30	27	15,229	6.91	52	25,296	11.48	77
7,382	3.35	VH	15,454	7.00	WL	25,544	11.59	XF
7,492	3.40	28	15,686	7.12	53	25,799	11.71	78
7,603	3.45	VJ	15,918	7.22	WM	26,054	11.82	79
7,716	3.50	29	16,156	7.33	54	26,310	11.94	XG
7,830	3.55	VK	16,395	7.44	WN	26,573	12.05	80
7,947	3.60	30	16,641	7.55	55	26,836	12.18	81
8,065	3.66	VL	16,887	7.66	WP	27,099	12.29	XH
8,186	3.71	31	17,140	7.78	56	27,370	12.42	82
8,307	3.76	VM	17,394	7.89	WQ	27,641	12.54	83
8,431	3.82	32	17,655	8.00	57	27,912	12.67	XJ
8,556	3.88	VN	17,916	8.13	WR	28,191	12.79	84
8,684	3.94	33	18,184	8.25	58	28,470	12.92	85
8,813	4.00	VP	18,453	8.37	WS	28,749	13.05	XK
8,945	4.06	34	18,730	8.49	59	29,036	13.18	86
9,077	4.12	VQ	19,007	8.62	WT	28,323	13.31	87
9,213	4.18	35	19,292	8.75	60	29,611	13.44	XL
9,350	4.24	VR	19,577	8.88	WU	29,907	13.57	88
9,490	4.30	36	19,870	9.01	61	30,203	13.71	89
9,630	4.37	VS	20,164	9.15	WV	30,500	13.84	XM
9,774	4.43	37	20,365	9.24	62	30,805	13.98	90
9,919	4.49	VT	20,567	9.42	63	31,110	14.12	91
10,068	4.57	38	20,769	9.52	WW	31,415	14.26	XN
10,217	4.63	VU	20,976	9.52	64	31,729	14.40	92
10,370	4.70	39	21,184	9.61	65	32,043	14.54	93
10,524	4.77	VV	21,392	9.71	WX	32,357	14.69	XP
10,682	4.84	40	21,606	9.79	66	32,680	14.83	94
10,840	4.92	VW						
11,002	4.99	41						
11,165	5.06	VX						
11,332	5.14	42						
11,500	5.22	WA						
11,672	5.29	43						
11,845	5.37	WB						
12,022	5.45	44						

Table XVI Maximum weight codes

WEIGHT		CODE	WEIGHT		CODE	WEIGHT		CODE
<u>Pounds</u>	<u>Kilo Grams</u>		<u>Pounds</u>	<u>Metric Tons</u>		<u>Pounds</u>	<u>Metric Tons</u>	
33,004	14.98	95						
33,328	15.13	XQ						
33,661	15.28	96						
33,994	15.43	97						
34,328	15.58	XR						
34,671	15.74	98						
35,014	15.89	99						
35,358	16.03	XS						
OO	No requirement.							
YY	Packagers' option so long as all other contractual requirements are met.							
ZZ	Special requirement - See specific drawings or instructions provided.							

3.2.14 Digits 20 and 21 (Field 13) Maximum cube - The code given Table XVII establishes the maximum allowable cube of the unit package. Packagers are encouraged to use materials and containers which will provide the required protection in the minimum volume.

3.2.15 Digits 22 and 23 (Filed 14) Maximum length; Digits 24 and 25 (Field 15) Maximum width; and Digits 26 and 27 (Field 16) Maximum depth - Codes indicating maximum allowable inside length, width and depth are cited in Tables XVIII, XIX and XX. When the level of protection is A, B or C, the dimensions indicated in Table XVIII apply. When the code for the level of protection is other than A, B, or C, the dimensions in Tables XVIII, XIX or XX apply as indicated in Tables XIV or XV.

Tableau XVII Maximum cube codes

CODE	CUBIC FEET	CUBIC CM	CUBIC INCHES	CUBIC CM	CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER
AA	0.0015	43	3	41	BA	1.00	0.028	B5	4.30	0.121
AB	0.003	85	5	82	BB	1.10	0.031	B6	4.40	0.124
AC	0.009	255	15	246	BC	1.20	0.033	B7	4.50	0.127
AD	0.017	482	30	492	BD	1.30	0.036	BW	4.60	0.130
AE	0.029	822	50	820	BE	1.40	0.039	B8	4.70	0.133
AF	0.046	1303	80	1311	BF	1.50	0.042	B9	4.80	0.135
AG	0.069	1954	120	1967	BG	1.60	0.045	C1	4.90	0.138
AH	0.087	2464	150	2459	BH	1.70	0.048	BX	5.00	0.141
AJ	0.115	3257	200	3278	BJ	1.80	0.050	C2	5.10	0.144
AK	0.174	4928	300	4917	BK	1.90	0.053	C3	5.20	0.147
AL	0.231	6542	400	6555	BL	2.00	0.056	C4	5.30	0.150
AM	0.289	8184	500	8194	A1	2.10	0.059	C5	5.40	0.152
AN	0.347	9827	600	9833	BM	2.20	0.062	CA	5.50	0.155
AP	0.445	11469	700	11471	A2	2.30	0.065	C6	5.60	0.158
AQ	0.463	12347	800	13110	BN	2.40	0.067	C7	5.70	0.161
AR	0.521	14754	900	14749	A3	2.50	0.070	C8	5.80	0.164
AS	0.579	16396	1000	16388	BP	2.60	0.073	C9	5.90	0.167
AT	0.636	18010	1100	18026	A4	2.70	0.076	CB	6.00	0.169
AU	0.706	19992	1210	19829	BQ	2.80	0.079	D 1	6.10	0.172
AV	0.779	22059	1330	21795	A5	2.90	0.082	D2	6.20	0.175
AW	0.845	23928	1460	23926	BR	3.00	0.084	D3	6.30	0.178
AX	0.926	26222	1600	26220	A6	3.10	0.087	D4	6.40	0.181
					A7	3.20	0.090	D5	6.50	0.184
					BS	3.30	0.093	CC	6.60	0.186
					A8	3.40	0.096	D6	6.70	0.189
					A9	3.50	0.099	D7	6.80	0.192
					BT	3.60	0.101	D8	6.90	0.195
					B1	3.70	0.104	D9	7.00	0.198
					B2	3.80	0.107	E1	7.10	0.201
					BU	3.90	0.110	CD	7.20	0.203
					B3	4.00	0.113	E2	7.40	0.209
					B4	4.10	0.116	E3	7.50	0.212
					BV	4.20	0.118	E4	7.60	0.215

Table XVII Maximum cube codes

CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER
E5	7.70	0.218	CN	15.80	0.447	N4	34.90	0.988
E6	7.80	0.220	J9	16.00	0.453	N5	35.30	0.999
CE	7.90	0.223	CP	16.50	0.467	N6	35.70	1.01
E7	8.00	0.226	K1	17.00	0.481	DH	36.10	1.03
E8	8.10	0.229	CQ	17.40	0.492	N7	36.70	1.04
E9	8.20	0.232	K2	17.80	0.504	N8	37.20	1.06
F1	8.30	0.235	CR	18.20	0.515	DJ	37.90	1.08
F2	8.40	0.237	K3	18.50	0.523	N9	38.40	1.09
F3	8.50	0.240	K4	18.80	0.532	P1	38.90	1.10
F4	8.60	0.243	CS	19.10	0.540	P2	39.40	1.12
CF	8.70	0.246	K5	19.50	0.552	DK	39.80	1.13
F5	8.80	0.249	K6	19.80	0.560	P3	40.20	1.14
F6	8.90	0.252	CT	20.10	0.569	P4	40.70	1.16
F7	9.00	0.254	K7	20.50	0.580	P5	41.30	1.17
F8	9.10	0.257	K8	20.80	0.588	DL	41.80	1.19
F9	9.20	0.260	CU	21.10	0.597	P6	42.40	1.20
G1	9.30	0.263	K9	21.50	0.608	P7	42.90	1.22
G2	9.40	0.266	L1	21.80	0.617	P8	43.40	1.23
CG	9.50	0.269	CV	22.20	0.628	DM	43.90	1.25
G3	9.60	0.271	L2	22.60	0.639	P9	44.40	1.26
G4	9.70	0.274	L3	22.90	0.648	Q1	44.90	1.28
G5	9.80	0.277	CW	23.30	0.659	Q2	45.30	1.29
G6	9.90	0.280	L4	23.70	0.671	Q3	45.70	1.30
G7	10.00	0.283	L5	24.00	0.679	DN	46.10	1.31
G8	10.20	0.288	CX	24.40	0.690	Q4	46.70	1.33
CH	10.40	0.294	L6	24.70	0.699	05	47.30	1.34
G9	10.60	0.300	L7	25.00	0.707	Q6	47.90	1.36
H1	10.80	0.305	L8	25.40	0.719	DP	48.40	1.38
H2	11.00	0.311	DA	25.70	0.727	Q7	49.10	1.40
H3	11.20	0.317	L9	26.00	0.736	Q8	49.70	1.41
OJ	11.40	0.322	M1	26.50	0.750	DQ	50.80	1.44
H4	11.60	0.328	DB	26.90	0.761	Q9	51.30	1.46
H5	11.80	0.334	M2	27.20	0.770	R1	51.70	1.47
H6	12.00	0.339	M3	27.50	0.778	R2	52.30	1.49
H7	12.30	0.348	M4	28.00	0.792	R3	52.70	1.50
CK	12.50	0.353	DC	28.30	0.801	DR	53.30	1.51
H8	12.70	0.359	M5	28.70	0.812	R4	53.70	1.52
H9	13.00	0.368	M6	29.20	0.826	R5	54.30	1.54
J1	13.30	0.376	DD	29.70	0.841	R6	54.70	1.55
J2	13.50	0.382	M7	30.20	0.855	R7	55.30	1.57
CL	13.70	0.387	M8	30.70	0.869	R8	55.70	1.58
J3	14.00	0.396	DE	31.20	0.883	DS	56.00	1.59
J4	14.30	0.404	M9	31.70	0.897	R9	56.40	1.60
J5	14.50	0.410	N1	32.20	0.911	S1	56.80	1.61
J6	14.70	0.416	DF	32.70	0.925	S2	57.40	1.63
CM	15.00	0.424	N2	33.20	0.940	S3	57.80	1.64
J7	15.30	0.433	N3	33.70	0.954	S4	58.50	1.66
J8	15.50	0.438	DG	34.40	0.974	DT	58.80	1.67

Table XVII Maximum cube codes

CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER
S5	59.30	1.68	EC	82.70	2.35	1Q	118	3.35
S6	59.70	1.70	X2	83.30	2.36	1R	119	3.37
S7	60.30	1.71	X3	83.70	2.38	1S	120	3.40
S8	60.70	1.72	X4	84.30	2.39	1T	121	3.43
S9	61.30	1.74	X5	84.70	2.40	EL	122	3.46
DU	61.70	1.75	X6	85.30	2.42	1U	123	3.49
T1	62.30	1.77	X7	85.70	2.43	1V	124	3.52
T2	62.70	1.78	X8	86.40	2.45	1W	125	3.54
T3	63.30	1.80	ED	86.90	2.47	1X	127	3.57
T4	63.70	1.81	X9	87.30	2.48	1Y	127	3.60
T5	64.40	1.83	Y1	87.70	2.49	EM	128	3.63
DV	64.80	1.84	Y2	88.30	2.50	1Z	129	3.66
T6	65.30	1.85	Y3	88.70	2.52	2A	130	3.69
T7	65.70	1.87	Y4	89.30	2.53	2B	131	3.71
T8	66.30	1.88	Y5	89.70	2.55	2C	132	3.74
T9	66.70	1.89	Y6	90.30	2.56	2D	133	3.77
U1	67.30	1.91	Y7	90.70	2.57	2E	135	3.80
U2	67.70	1.92	EE	91.20	2.59	EN	135	3.83
DW	68.10	1.93	Y8	91.70	2.60	2F	136	3.86
U3	68.40	1.94	Y9	92.30	2.62	2G	137	3.88
U4	68.80	1.95	Z1	92.70	2.63	2H	138	3.91
U5	69.30	1.97	Z2	93.30	2.65	2J	139	3.94
U6	69.70	1.98	Z3	93.70	2.66	2K	140	3.97
U7	70.30	2.00	Z4	94.30	2.68	2L	141	4.00
U8	70.70	2.01	Z5	94.70	2.69	EP	142	4.03
U9	71.00	2.02	Z6	95.30	2.70	2M	143	4.05
DX	71.50	2.03	EF	95.80	2.72	2N	144	4.08
V1	72.00	2.04	Z7	96.40	2.73	2P	145	4.11
V2	72.50	2.06	Z8	96.80	2.75	2Q	146	4.14
V3	73.00	2.07	Z9	97.40	2.76	2R	147	4.17
V4	73.50	2.09	1A	97.80	2.77	EQ	148	4.20
V5	74.00	2.10	1B	98.40	2.79	2S	150	4.25
V6	74.50	2.11	1C	98.80	2.80	2T	152	4.31
EA	75.00	2.13	1D	99.30	2.82	2U	153	4.34
V7	75.50	2.14	1E	99.70	2.83	2V	154	4.36
V8	76.00	2.16	EG	100	2.84	2W	155	4.39
V9	76.50	2.17	1F	102	2.89	ER	156	4.42
W1	77.00	2.19	1G	104	2.95	2X	158	4.48
W2	77.50	2.20	EH	106	3.00	2Y	160	4.54
W3	78.30	2.22	1H	108	3.06	2Z	161	4.56
EB	78.80	2.24	11	110	3.12	3A	162	4.59
W4	79.30	2.25	EJ	111	3.15	3B	163	4.62
W5	79.70	2.26	1K	112	3.18	ES	164	4.65
W6	80.30	2.28	1L	113	3.20	3C	165	4.68
W7	80.70	2.29	1M	114	3.23	3D	167	4.73
W8	81.30	2.31	1N	115	3.26	3E	168	4.76
W9	81.70	2.32	EK	116	3.29	3F	171	4.85
X1	82.30	2.34	1P	117	3.32	ET	172	4.87
						3G	173	4.90
						3H	174	4.93
						3J	175	4.96
						3K	176	4.99
						3L	178	5.05

Table XVII Maximum cube codes

CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER
EU	181	5.13	5C	271	7.68	6U	401	11.36
3M	182	5.16	5D	273	7.74	6V	404	11.45
3N	183	5.19	5E	275	7.79	6W	407	11.53
3P	184	5.22	5F	277	7.85	6X	411	11.64
3Q	186	5.27	FF	280	7.93	FP	414	11.73
3R	188	5.33	5G	283	8.02	6Y	417	11.81
EV	190	5.39	5H	285	8.08	6Z	421	11.93
3S	191	5.41	5J	287	8.13	7A	424	12.00
3T	192	5.44	5K	289	8.19	7B	427	12.10
3U	194	5.50	5L	292	8.27	7C	431	12.21
3V	196	5.56	FG	294	8.33	FQ	435	12.32
3W	198	5.61	5M	297	8.42	7D	438	12.41
EW	199	5.64	5N	300	8.50	7E	441	12.49
3X	201	5.70	5P	302	8.56	7F	444	12.58
3Y	203	5.75	5Q	303	8.59	7G	447	12.66
3Z	205	5.81	5R	306	8.67	7H	451	12.78
4A	207	5.87	FH	309	8.75	FR	456	12.92
EX	209	5.92	5S	312	8.84	7J	460	13.03
4B	211	5.98	5T	315	8.92	7K	464	13.14
4C	213	6.04	5U	318	9.00	7L	468	13.26
4D	215	6.09	5V	321	9.09	7M	472	13.37
4E	217	6.15	5W	323	9.15	7N	476	13.48
4F	219	6.21	FJ	324	9.18	FS	479	13.57
FA	220	6.23	5X	327	9.26	7P	484	13.71
4G	222	6.29	5Y	331	9.38	7Q	488	13.82
4H	224	6.35	5Z	334	9.46	7R	492	13.94
4J	226	6.40	6A	337	9.55	7S	496	14.05
4K	228	6.46	6B	339	9.60	7T	500	14.16
FB	230	6.52	FK	340	9.63	FT	503	14.25
4L	232	6.57	6C	343	9.72	7U	505	14.31
4M	234	6.63	6D	347	9.83	7V	507	14.36
4N	236	6.69	6E	349	9.89	7W	509	14.42
4P	238	6.74	6F	352	9.97	7X	511	14.47
4Q	240	6.80	6G	356	10.09	7Y	512	14.50
FC	242	6.86	FL	358	10.14	FU	513	14.53
4R	244	6.91	6H	361	10.23	7Z	515	14.59
4S	246	6.97	6J	364	10.31	8A	517	14.64
4T	248	7.03	6K	368	10.43	8B	521	14.70
4U	250	7.08	6L	370	10.48	8C	521	14.76
4V	252	7.14	6M	373	10.57	8D	523	14.81
FD	254	7.20	FM	375	10.62	FV	524	14.84
4W	256	7.25	6N	378	10.71	8E	526	14.90
4X	258	7.31	6P	381	10.79	8F	528	14.96
4Y	260	7.37	6Q	384	10.88	8G	530	15.00
4Z	263	7.45	6R	388	10.99	8H	532	15.07
5A	265	7.51	6S	391	11.08	FW	534	15.13
FE	267	7.57	FN	394	11.16	8J	536	15.18
5B	269	7.62	6T	398	11.28	8K	538	15.24
						8L	540	15.30
						8M	543	15.38
						FX	545	15.44
						8N	547	15.49
						8P	549	15.55

Table XVII Maximum cube codes

CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER
8Q	551	15.61	07	644	18.24	44	760	21.53
8R	553	15.66	08	646	18.30	GS	763	21.61
8S	555	15.72	09	649	18.38	45	766	21.70
GA	556	15.75	GJ	651	18.44	46	769	21.78
8T	558	15.80	10	653	18.50	47	772	21.87
8U	560	15.86	11	655	18.55	48	775	21.95
8V	562	15.92	12	657	18.61	GT	778	22.04
8W	564	15.98	13	660	18.69	49	781	22.12
8X	566	16.03	14	662	18.75	50	784	22.20
GB	567	16.06	GK	664	18.81	51	787	22.29
8Y	569	16.12	15	666	18.86	52	790	22.38
8Z	571	16.17	16	668	18.92	GU	793	22.46
9A	573	16.23	17	670	18.98	53	796	22.55
9B	575	16.29	18	673	19.06	54	799	22.63
9C	577	16.34	19	675	19.12	55	802	22.72
GC	578	16.37	GL	677	19.18	56	805	22.80
9D	580	16.43	20	679	19.23	GV	809	22.91
9E	582	16.49	21	681	19.29	57	813	23.03
9F	584	16.54	22	683	19.35	58	817	23.14
9G	586	16.60	23	685	19.40	59	821	23.25
9H	588	16.66	24	687	19.46	60	823	23.31
GD	590	16.71	GM	691	19.57	GW	826	23.39
9J	592	16.77	25	693	19.63	61	830	23.51
9K	594	16.83	26	696	19.71	62	833	23.59
9L	596	16.88	27	698	19.77	63	837	23.71
9M	598	16.94	28	701	19.86	64	840	23.79
9N	600	17.00	GN	704	19.94	GX	842	23.85
GE	601	17.02	29	707	20.03	65	846	23.96
9P	603	17.08	30	710	20.11	66	849	24.05
9Q	605	17.14	31	713	20.20	67	853	24.16
9R	607	17.19	32	716	20.28	68	856	24.24
9S	610	17.28	GP	719	20.36	HA	859	24.33
9T	612	17.34	33	722	20.45	69	862	24.41
GF	613	17.36	34	725	20.53	70	866	24.53
9U	615	17.42	35	728	20.62	71	869	24.61
9V	617	17.48	36	730	20.68	72	873	24.73
9W	619	17.53	GQ	733	20.76	HB	876	24.81
9X	620	17.56	37	736	20.85	73	880	24.92
9Y	624	17.67	38	739	20.93	74	883	25.00
GG	626	17.73	39	742	21.02	75	887	25.12
9Z	628	17.79	40	745	21.10	76	890	25.21
01	630	17.84	GR	748	21.19	HC	894	25.32
02	632	17.90	41	751	21.27	77	897	25.40
03	634	17.96	42	754	21.36	78	901	25.52
04	636	18.00	43	757	21.44	79	904	55.60
GH	638	18.07				80	908	25.72
05	640	18.13				HD	911	25.80
06	642	18.18				81	914	25.89
						82	918	26.00
						83	922	26.11

Table XVII Maximum cube codes

CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER	CODE	CUBIC FEET	CUBIC METER
84	926	26.23	JM	1,650	46.73	LN	4,020	113.84
HE	930	26.34	JN	1,680	47.58	LP	4,100	116.10
85	934	26.45	JP	1,720	48.71	LQ	4,190	118.65
86	937	26.54	JQ	1,750	49.56	LR	4,270	120.92
87	941	26.65	JR	1,790	50.69	LS	4,360	123.47
88	944	26.74	JS	1,820	51.54	LT	4,440	125.73
HF	948	26.85	JT	1,860	52.67	LU	4,530	128.28
89	952	26.96	JU	1,900	53.81	LV	4,620	130.83
90	955	27.05	JV	1,930	54.66	LW	4,720	133.66
91	959	27.16	JW	1,970	55.79	LX	4,810	136.21
92	962	27.25	JX	2,010	56.92	MA	4,910	139.04
93	965	27.33	KA	2,050	58.05	MB	5,000	141.59
HG	967	27.39	KB	2,090	59.19	MC	5,100	144.42
94	972	27.53	KC	2,140	60.60	MD	5,210	147.54
95	976	27.64	KD	2,180	61.74	ME	5,310	150.37
96	979	27.73	KE	2,220	62.87	MF	5,420	153.48
97	983	27.84	KF	2,270	64.28	MG	5,520	156.31
HH	986	27.93	KG	2,310	65.42	MH	5,640	159.71
98	992	28.10	KH	2,360	66.83	MJ	5,750	162.83
99	998	28.27	KJ	2,400	67.97	MK	5,860	165.94
HJ	1,010	28.60	KK	2,450	69.38	ML	5,980	169.34
HK	1,030	29.17	KL	2,500	70.80	MM	6,100	172.74
HL	1,050	29.74	KM	2,550	72.21	MN	6,220	176.14
HN	1,070	30.30	KN	2,600	73.63	MP	6,350	179.82
HN	1,090	30.87	KP	2,660	75.33	MQ	6,470	183.21
HP	1,110	31.44	KQ	2,710	76.74	MR	6,600	186.90
HQ	1,130	32.00	KR	2,760	78.16	MS	6,740	190.86
HR	1,160	32.85	KS	2,820	79.86	MT	6,870	194.54
HS	1,180	33.42	KT	2,870	81.27	MU	7,010	198.51
HT	1,200	33.99	KU	2,930	82.97	MV	7,150	202.47
HU	1,230	34.83	KV	2,990	84.67	MW	7,290	206.43
HV	1,250	35.40	KW	3,030	86.37	MX	7,440	210.68
HW	1,280	36.25	KX	3,110	88.07	NA	7,580	214.65
HX	1,300	36.82	LA	3,170	89.75	NB	7,740	219.18
JA	1,330	37.67	LB	3,240	91.75	NC	7,890	223.43
JB	1,350	38.23	LC	3,300	93.45	ND	8,050	227.96
JC	1,380	39.08	LD	3,370	95.43	NE	8,210	232.49
JD	1,410	39.93	LE	3,440	97.42	NF	8,370	237.02
JE	1,440	40.78	LF	3,500	99.11	NG	8,540	241.83
JF	1,460	41.35	LG	3,570	101.10	NH	8,710	246.65
JG	1,500	42.48	LH	3,640	103.08	NJ	8,890	251.74
JH	1,520	43.05	LJ	3,720	105.34	NK	9,060	256.56
JJ	1,560	44.18	LK	3,790	107.33	NL	9,240	261.65
JK	1,590	45.03	LL	3,870	109.59	NM	9,430	267.03
JL	1,620	45.88	LM	3,940	111.57	NN	9,620	272.41
						NP	9,810	277.79
						NQ	10,000	283.17

Table XVIII Unit container dimensions, basic dimension codes

CODE	DIM Feet	DIM (cm)	CODE	DIM Feet	DIM (cm)	CODE	DIM Feet	DIM (cm)	CODE	DIM Feet	DIM (cm)
01	0.1	3.1	25	2.5	76.3	49	4.9	149.4	73	7.3	222.6
02	0.2	6.1	26	2.6	79.3	50	5.0	152.5	74	7.4	225.6
03	0.3	9.2	27	2.7	82.3	51	5.1	155.5	75	7.5	228.7
04	0.4	12.2	28	2.8	85.4	52	5.2	158.5	76	7.6	231.7
05	0.5	15.3	29	2.9	88.4	53	5.3	161.6	77	7.7	234.7
06	0.6	18.3	30	3.0	91.5	54	5.4	164.6	78	7.8	237.8
07	0.7	21.4	31	3.1	94.5	55	5.5	167.7	79	7.9	240.8
08	0.8	24.4	32	3.2	97.6	56	5.6	170.7	80	8.0	213.9
09	0.9	27.5	33	3.3	100.6	57	5.7	173.8	81	8.1	246.9
10	1.0	30.5	34	3.4	103.7	58	5.8	176.8	82	8.2	250.0
11	1.1	33.6	35	3.5	106.7	59	5.9	179.9	83	8.3	253.0
12	1.2	36.6	36	3.6	109.8	60	6.0	182.9	84	8.4	256.1
13	1.3	39.7	37	3.7	112.8	61	6.1	186.0	85	8.5	259.1
14	1.4	42.7	38	3.8	115.9	62	6.2	189.0	86	8.6	262.2
15	1.5	45.8	39	3.9	118.9	63	6.3	192.1	87	8.7	265.2
16	1.6	48.8	40	4.0	122.0	64	6.4	195.1	88	8.8	268.3
17	1.7	51.9	41	4.1	125.0	65	6.5	198.2	89	8.9	271.3
18	1.8	54.9	42	4.2	128.1	66	6.6	201.2	90	9.0	274.4
19	1.9	58.0	43	4.3	131.1	67	6.7	204.3	91	9.1	277.4
20	2.0	61.0	44	4.4	134.2	68	6.8	207.3	92	9.2	280.5
21	2.1	64.0	45	4.5	137.2	69	6.9	210.4	93	9.3	283.5
22	2.2	67.1	46	4.6	140.3	70	7.0	213.4	94	9.4	286.6
23	2.3	70.2	47	4.7	143.3	71	7.1	216.5	95	9.5	289.6
24	2.4	73.2	48	4.8	146.4	72	7.2	219.5	96	9.6	292.7
									97	9.7	295.7
									98	9.8	298.7
									99	9.9	301.8
<p>OO No requirement.</p> <p>YY Packagers' option provided all other contractual requirements are met.</p> <p>ZZ Special requirement - See specific drawings or instructions provided.</p>											

Table XIX Modified dimension in excess of ten foot codes

CODE	DIM (Feet)	DIM (cm)	CODE	DIM (Feet)	DIM (cm)	CODE	DIM (Feet)	DIM (cm)	CODE	DIM (Feet)	DIM (cm)
01	10.1	307.9	25	12.5	381.0	49	14.9	454.2	73	17.3	527.4
02	10.2	310.9	26	12.6	384.1	50	15.0	457.3	74	17.4	530.4
03	10.3	314.0	27	12.7	387.1	51	15.1	460.3	75	17.5	533.5
04	10.4	317.0	28	12.8	390.2	52	15.2	463.3	76	17.6	536.5
05	10.5	320.1	29	12.9	393.2	53	15.3	466.4	77	17.7	539.5
06	10.6	323.1	30	13.0	396.3	54	15.4	469.4	78	17.8	542.6
07	10.7	326.2	31	13.1	399.3	55	15.5	472.5	79	17.9	545.6
08	10.8	329.2	32	13.2	402.4	56	15.6	475.5	80	18.0	548.7
09	10.9	323.3	33	13.3	405.4	57	15.7	478.6	81	18.1	551.7
10	11.0	335.3	34	13.4	408.5	58	15.8	481.6	82	18.2	554.8
11	11.1	338.4	35	13.5	411.5	59	15.9	484.7	83	18.3	557.8
12	11.2	341.4	36	13.6	414.6	60	16.0	487.7	84	18.4	560.9
13	11.3	344.5	37	13.7	417.6	61	16.1	490.8	85	18.5	563.9
14	11.4	347.5	38	13.8	420.7	62	16.2	493.8	86	18.6	567.0
15	11.5	350.6	39	13.9	423.7	63	16.3	496.9	87	18.7	570.0
16	11.6	353.6	40	14.0	426.8	64	16.4	499.9	88	18.8	573.1
17	11.7	356.7	41	14.1	429.8	65	16.5	503.0	89	18.9	576.1
18	11.8	359.7	42	14.2	432.9	66	16.6	506.0	90	19.0	579.2
19	11.9	362.8	43	14.3	435.9	67	16.7	509.1	91	19.1	582.2
20	12.0	365.8	44	14.4	439.0	68	16.8	512.1	92	19.2	585.3
21	12.1	368.9	45	14.5	442.0	69	16.9	515.2	93	19.3	588.3
22	12.2	371.9	46	14.6	445.0	70	17.0	518.2	94	19.4	591.4
23	12.3	375.0	47	14.7	448.1	71	17.1	521.3	95	19.5	594.4
24	12.4	378.0	48	14.8	451.2	72	17.2	524.3	96	19.6	597.5
									97	19.7	600.5
									98	19.8	603.6
									99	19.9	606.6

* All dimensions indicated are in feet or centimeters.

OO No requirement.

YY Packagers' option so long as all other contractual requirements are met.

ZZ Special requirement — See specific drawing or instructions provided.

Table XX Modified dimensions for increments less than .1 foot codes

CODE	FEET	CM	CODE	FEET	CM	CODE	FEET	CM	CODE	FEET	CM
01	0.05	1.6	33	1.65	50.3	65	3.25	99.1	95	4.75	144.8
02	0.10	3.1	34	1.70	51.9	66	3.30	100.0	96	4.80	146.4
03	0.15	4.6	35	1.75	53.4	67	3.35	102.2	97	4.85	147.9
04	0.20	6.1	36	1.80	54.9	68	3.40	103.7	98	4.90	149.4
05	0.25	7.7	37	1.85	56.4	69	3.45	103.2	99	4.95	150.9
06	0.30	9.2	38	1.90	58.0	70	3.50	106.7			
07	0.35	10.7	39	1.95	59.5	71	3.55	108.3			
08	0.40	12.2	40	2.00	61.0	72	3.60	109.8			
09	0.45	13.8	41	2.05	62.5	73	3.65	111.3			
10	0.50	15.3	42	2.10	64.0	74	3.70	112.8			
11	0.55	16.8	43	2.15	65.6	75	3.75	114.4			
12	0.60	18.3	44	2.20	67.1	76	3.80	115.9			
13	0.65	19.9	45	2.25	58.6	77	3.85	117.4			
14	0.70	21.4	46	2.30	70.2	78	3.90	118.9			
15	0.75	22.9	47	2.35	71.7	79	3.95	120.4			
16	0.80	24.4	48	2.40	73.2	80	4.00	122.0			
17	0.85	26.0	49	2.45	74.7	81	4.05	123.5			
18	0.90	27.5	50	2.50	76.3	82	4.10	125.0			
19	0.95	29.0	51	2.55	77.8	83	4.15	126.5			
20	1.00	30.5	52	2.60	79.3	84	4.20	128.1			
21	1.05	32.0	53	2.65	80.8	85	4.25	129.6			
22	1.10	33.6	54	2.70	82.3	86	4.30	131.1			
23	1.15	35.1	55	2.75	83.9	87	4.35	132.6			
24	1.20	36.6	56	2.80	85.4	88	4.40	134.2			
25	1.25	38.2	57	2.85	86.9	89	4.45	135.7			
26	1.30	39.7	58	2.90	88.4	90	4.50	137.2			
27	1.35	41.2	59	2.95	90.0	91	4.55	138.7			
28	1.40	42.7	60	3.00	91.5	92	4.60	140.3			
29	1.45	44.2	61	3.05	93.0	93	4.65	141.8			
30	1.50	45.8	62	3.10	94.5	94	4.70	143.3			
31	1.55	47.3	63	3.15	96.1						
32	1.60	48.4	64	3.20	97.6						

OO No requirement.

YY Packagers' option so long as all other contractual requirements are met.

ZZ Special requirement - See specific drawing or instructions provided.

3.2.16 Digit 28 (Field 17) Level of packing - The code shown in this position indicates the level of packing which is provided by the unit container (Field 8).

Table XXI Level of packing

- | | |
|-----|--|
| O — | The unit container (as indicated in Field 8) is not an acceptable shipping container and requires overpacking. |
| A — | The unit container (as indicated in Field 8) is an acceptable shipping container and provides level "A" protection. |
| B — | The unit container (as indicated in Field 8) is an acceptable shipping container and provides level "B" protection. |
| C — | The unit container (as indicated in Field 8) is an acceptable container and provides level "C" protection. |
| Z — | The unit container (as indicated in Field 8) is an acceptable shipping container subject to certain specific limitations, eg, covered storage only. Limitations will be indicated on the procurement (see para 3.3.2c) or, when packaging requirements are developed by the contractor the limitation shall be indicated in the Supplemental Data of Form CF 271 . |

3.2.17 Digit 29 (Field 18) Optional procedure indicator - The codes relating to optional procedures open to contractors are given in Table XXII.

Table XXII Optional procedure indicator

- | | |
|-----|--|
| A— | Packaging is governed by a specific commodity process specification, or by transportation packaging order. The appropriate specification or order number will be shown in the procurement document immediately below the description of the item to which it applies as illustrated in Figure 1, item 1. The options, if any, in the specification or transportation packaging order shall apply. |
| M — | All packaging data are mandatory for compliance and no substitution is permitted. Deviation from any of the elements shall have prior approval of the procuring agency. |
| O — | An option can be exercised as to the sub-method and packaging materials to be used. However, the basic preservation method and quantity per unit pack shall be retained, weight and cube shall not be increased. There shall be no increased cost to the Government of Canada and equal or better protection shall be given the item. Prior approval of the procuring agency is not required under these conditions. |

3.2.18 Digit 30 (Field 19) Supplemental line indicator - Table XXIII gives the codes indicating the number of lines of supplemental information.

Table XXIII Supplemental card indicator

○ — The data shown in the 18 fields of the code contain all necessary requirements. If supplemental data is required, indicate number or lines used, ie, "1" , "2" , "3" or "4". The maximum number of lines is 4.

3.3 Essential preservation and packaging data

3.3.1 Form CF 271. Options may be exercised when completing the essential data portion of the form. This portion may consist of coded or literal data and is entered in columns 47 to 76. For purposes of using coded data, the details of each code block are contained in this specification, tables 1 through XXIII. The literal option permits plain language or direct reference to another document, eg. a manufacturers drawing, a specification, or a Canadian Forces Transportation packaging order (CFTPO) etc. Since a computerized data base is utilized to store packaging data, certain guidelines must be followed when entering either coded or literal data on the CF 271. These guidelines are discussed in the following paragraphs.

3.3.2 Dangerous material. The alpha character "D" shall be inserted in column 41 of the essential data block of the form CF 271 for all items which have dangerous characteristics. Dangerous characteristics are those which present a hazard during storage, handling or transport. The items are classified as explosives, flammables, corrosives, oxidizers, poisons, toxics, compressed gases, radioactive or unduly magnetic materials. When a "D" is inserted in column 41, the dangerous classification of the item, united nations number and its proper shipping name shall be shown in the supplemental preservation and packaging data portion of the form, EG ACETIC ACIDCORROSIVE (see Figure 7).

NOTE Unduly magnetic is construed to mean that sufficient magnetic field strength is present to cause significant navigational deviation of the compass sensing devices in an aircraft.

3.3.3 Coded data. Data shall be entered on the CF 271 beginning at column 47 and continuing through column 76. Special note should be taken with respect to columns 75 and 76 which are discussed separately under following paragraphs headed "Optional procedures indicator" and "supplemental line indicator". (See Figure 3 and 4).

3.3.4 Literal data. Entries of literal data on form CF 271 shall be accomplished in the following manner:

- a. For items classified as dangerous enter the alpha character D in Column 41 (Figure 7).
- b. Enter an asterisk in column 47;
- c. Enter literal data beginning at column 50 utilizing as many columns as required up to and including column 75. The one exception is that when entering literal data for items in nato classes 1 560, 1610, 1615, 1620, 1630, 1650, 1660, 1670, 1680, 2620, 2810, 2840, 2915, 2925, 2935, 2995, 6135 and 6140 column 49 must contain a quantity per unit pack code. These codes are contained in table V of this specification (Figure 8).
- d. Enter the supplementary line indicator in column 76. Ensure that the number entered corresponds with the number of lines of supplementary data being entered (Figure 9);
- e. When entering a specification number as literal data omit the oblique stroke and the final dash from the specification number. For example D-LM-008-026/SF-001 should be entered as D-LM-008-026SF001 (Figure 10)

- f. When entering a specification as literal data and that specification contains a limit on the quantity per unit pack, and deviation from that quantity is desirable, enter by leaving one space after the specification number followed by QUP and desired quantity, for example D-LM-008-36SF000 QUP 1 000 (Figure 11);
- g. To enter the requirement for a special-to-type container insert the word "USE" followed by a space, the abbreviation NSN followed by the stock number of the container, for example USE NSN 8145-00-800-3321 (Figure 12);
- h. To enter a specification and a special-to-type container, show the specification in the essential preservation and packaging data block, indicate supplemental line indicator in column 76 and enter the container stock number in the supplemental data block (Figure 9);
- j. Enter a drawing of CFTPO in the same manner as identified for example "Jones DWG 38-6832" or CFTPO-21-811-3326 (Figures 13 and 14);
- k. A special message may be entered using plain language. For example "store in dry ice" (Figure 7). This type of message would normally be used where there is no specific packaging requirement but the need to store or handle in a specific way is of sufficient importance that a precautionary message is necessary;

3.3.5 Optional procedures indicator. This code shall be entered in column 75 of the form CF 271 and is used when entering coded data only. Either an "O", "A" or an "M" shall be entered as defined in table XXII of this specification. An "O" indicates that an option with respect to the submethod and packaging materials is being provided. An "A" indicates that some other document containing packaging detail is required. The document number shall be indicated in the supplemental data portion of the CF 271. An "M" indicates that deviation from the described package is NOT permitted.

3.3.6 Supplemental line indicator. This code is entered in column 76 of the form CF 271 and is a mandatory entry. Codes are contained in table XXIII of this specification. Code "O" shall be used when no lines of supplemental data exist. Numerals 1 through 4 shall be entered when corresponding lines of supplemental data are entered.

3.4 Packaging Data Form CF 271 (Figure 3 and 4).

3.4.1 Form 271 is designed to reduce the work required to compile data related to packaging. The form has provision for:

- a. Item identification and approval data;
- b. Essential preservation and packaging data;
- c. Supplemental preservation and packaging data;
- d. Packaging for transportation support (see note): and
- e. Control and support data.

NOTE: Packaging for transportation support data is a mandatory entry when the unit container is utilized as a shipping container or when the volume/weight of a package (not by itself a shipping container) exceeds either one cubic foot (0.03 m³) or one pound (0.45 kg). When an entry is made and the package cannot stand alone for shipping purposes, an "X" shall be inserted in column 61 of the transportation support block of the CF 271.

Packaging requirements developed in accordance with para 1.1(b) shall be reduced to coded data. The information required to determine the appropriate codes are contained in Tables I to XXIII.

Figure 3 - Completed Form CF 271 (Contractor)

NATO STOCK NO. - NUMÉRO DE STOCK OTAN

NSC - CSO				CD - PO		IIN - N° IA						
1	2	3	4	5	6	7	8	9	10	11	12	13
1	6	3	0	2	1	8	4	1	4	5	9	0

CARD NO CARTE N°
04
14 15

U.I. U.D.
EA
16 17



National
Défence
Défense
nationale

PACKAGING DATA
DONNÉES D'EMBALLAGE

APPROVAL STAMP - SCEAU
D'APPROBATION

ESSENTIAL PRESERVATION AND PACKAGING DATA - DONNÉES ESSENTIELLES - PRÉSERVATION ET EMBALLAGE

SEQ. SUCC.	DM MD	CATEGORY CATÉGORIE	METHOD MÉTHODE	QTY UNIT, PACK., QTE PAR UNIT, D'EMBALLAGE	CLEAN NETTOYAGE	PRESV. MAT. MAT. PRÉS.	WRAP MAT. MAT. EMB.	CUSHION AND DUNNAGE BOURRAGE ET FARDAGE	CUSH. THICK. ÉPAISS. BOURR.	UNIT CONT. UNIT	INTER.		MAX WEIGHT CODE CODE POIDS MAX	MAX CUBE CODE CODE VOLUME MAX	UNIT CONTAINER DIMENSION DIMENSIONS DU CONTENANT PAR UNITÉ			CONT. LEVEL COTE CONT.	OPT. PRO. IND. MÉT. FACULT.	SUP. LINE IND. L. D. SUPPL.	REVISION NO. RÉVISION N°																			
											QTY QTE	CONT.			LENGTH LON- GUEUR	WIDTH LAR- GEUR	DEPTH PROFON- DEUR																							
18	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
				4	V	1	0	0	J	A	F	H	H	K	E	O	O	A	E	K	B	F	0	9	0	9	1	4	A	M	2									

SUPPLEMENTAL PRESERVATION AND PACKAGING DATA - DONNÉES SUPPLÉMENTAIRES - PRÉSERVATION ET EMBALLAGE

SEQ. SUCC.	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80		
A	J	A	2	9	x	2	0			F	H	4			D	I	S	C	S	1	0	.	5			D	I	A	1		S	T	R	I	P	4	8	x					
B	8	x	2							D	E	S	I	C	C	A	N	T	2	2																							
C																																											
D																																											

PACKAGING FOR TRANSPORTATION SUPPORT - DONNÉES SPÉCIALES - EMBALLAGE POUR TRANSPORT

SEQ. SUCC.	SHIPPING CONTAINER DIMENSIONS DIMENSIONS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER WEIGHT POIDS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER CUBE VOLUME DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER QTY. QTE CONTENANT D'EXPÉDITION	CONT. LEVEL NIVEAU CONT.	TYPE OF CONT. GENRE DE CONT.																	
	LENGTH IN. LONGUEUR- POUCE	WIDTH IN. LARGEUR- POUCE	DEPTH IN. PROFONDEUR POUCE	WHOLE LBS. LIVRES ENTIÈRES	100TH 100E	WHOLE CUBE FT. PIED CUBE ENTIER	100TH 100E																						
X	0	1	2	0	1	2	0	1	8	0	0	0	1	4	5	0	0	0	0	1	5	0	0	0	1	A	K	E	
18	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

DETAIL - DETAIL	BASIC - DE BASE	INTERMEDIATE INTERMÉDIAIRE	BULK - EN VRAC	ITEM NAME - NOM DE L'ARTICLE	ORIGINATOR - EXPÉDITEUR	DATE
METHOD/LEVEL MÉTHODE/NIVEAU	IID (4V)	(DESICC	22 UNITS)	VALVE (POWER BROKE)	AVIATION ELECTRIC	25 JUL 88
CLEANING NETTOYAGE	C1			SPECIAL INSTRUCTIONS - INSTRUCTIONS SPÉCIALES		
DRYING SÉCHAGE						
PRESERVATION PRÉSERVATION						
INITIAL WRAP EMBALLAGE INITIAL	PF	29 x 20	(JA)			
CUSH/DUNNAGE BOURRAGE/FARDAGE	R-TYPE III					
CONTAINER CONTENANT	22.5R		(KE)			
CUBE VOLUME	1.50		(BF)			
WEIGHT POIDS	14.5 LBS		(EK)			
QUANTITY QUANTITÉ	1			COST CÔUT	LABOUR MAIN-D'OEUVRE \$	PACK INDEX LISTE D'EMBALLAGE
						CONTROL NO. - N° DE CONTRÔLE

CF 271 (2-83) 75 30-21-896-0977

Figure 4 — Completed form CF 271 (Supply Depot)

NATO STOCK NO. — NUMÉRO DE STOCK OTAN												CARD NO. CARTE N°		U.I. U.D.		APPROVAL STAMP — SCEAU D'APPROBATION																							
NSC — CSO				CD — PO		IIN — N° IA						0 2		EA		National Défence Défense nationale	PACKAGING DATA DONNÉES D'EMBALLAGE																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17																							
ESSENTIAL PRESERVATION AND PACKAGING DATA — DONNÉES ESSENTIELLES — PRÉSERVATION ET EMBALLAGE																																							
SEQ. / SUCC.	DM MD	CATEGORY / CATÉGORIE	METHOD / MÉTHODE	QTY UNIT PACK. / QTE PAR UNITÉ D'EMBALLAGE	CLEAN / NETTOYAGE	PRESV. MAT. / MAT. PRÉS.	WRAP MAT. / MAT. EMB.	CUSHION AND DUNNAGE / BOURRAGE ET FARDAGE	CUSH. THICK. / ÉPAISS. BOURR.	UNIT CONT. / CONT. UNIT.	INTER.		MAX WEIGHT CODE / CODE POIDS MAX	MAX CUBE CODE / CODE VOLUME MAX	UNIT CONTAINER DIMENSION / DIMENSIONS DU CONTENANT PAR UNITÉ			CONT. LEVEL / COTE CONT.	OPT. PROG. IND. / MÉT. FACULT.	SUP. LINE IND. / L. D. SUPPL.	REVISION NO. / RÉVISION N°																		
											QTY. / QTE.	CONT.			LENTH / LONGUEUR	WIDTH / LARGUEUR	DEPTH / PROFONDEUR																						
											18																												
				40	1000	J	A	F	E	D	K	E	000	A	A	S	A	J	05	05	08	A	A	2															
SUPPLEMENTAL PRESERVATION AND PACKAGING DATA — DONNÉES SUPPLÉMENTAIRES — PRÉSERVATION ET EMBALLAGE																																							
SEQ. / SUCC.	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																																						
A	JA 14x14 FE 1 18x8 2.5 DIA KE 5 DIAx8.5																																						
B	DESICCANT 2 UNITS HIND 1																																						
C																																							
D																																							
PACKAGING FOR TRANSPORTATION SUPPORT — DONNÉES SPÉCIALES — EMBALLAGE POUR TRANSPORT																																							
SEQ. / SUCC.	SHIPPING CONTAINER DIMENSIONS / DIMENSIONS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER WEIGHT / POIDS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER CUBE / VOLUME DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER QTY. / QTE CONTENANT D'EXPÉDITION	CONT. LEVEL / NIVEAU CONT.	TYPE OF CONT. / GENRE DE CONT.																											
	LENGTH IN. / LONGUEUR-POUCE	WIDTH IN. / LARGUEUR-POUCE	DEPTH IN. / PROFONDEUR-POUCE	WHOLE LBS. / LIVRES ENTIÈRES	100TH / 100E	WHOLE CUBE FT. / PIEDE CUBE ENTIER	100TH / 100E																																
X	006	006	009	00003	1000000	1000000	1000000	1000000	1	A	K	E																											
18	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63										
DETAIL — DÉTAIL				BASIC — DE BASE				INTERMEDIATE / INTÉRMÉDIAIRE				BULK — EN VRAC				ITEM NAME — NOM DE L'ARTICLE		ORIGINATOR — EXPÉDITEUR		DATE																			
METHOD/LEVEL / MÉTHODE/NIVEAU				II D (49)												ACCUMULATOR		5 CFSD		28 JUL 88																			
CLEANING / NETTOYAGE																SPECIAL INSTRUCTIONS — INSTRUCTIONS SPÉCIALES																							
DRYING / SÉCHAGE																																							
PRESERVATION / PRÉSERVATION																																							
INITIAL WRAP EMBALLAGE INITIAL				43-GP-30																																			
CUSH/DUNNAGE / BOURRAGE/FARDAGE				PPP-C-1120																																			
CONTAINER / CONTENANT				MIL-D-6055																																			
CUBE / VOLUME				.1																																			
WEIGHT / POIDS				3.1												COST / COÛT		LABOUR MAIN-D'OEUVRE \$	PACK INDEX LISTE D'EMBALLAGE	CONTROL NO. — N° DE CONTRÔLE																			
QUANTITY / QUANTITÉ				1														MATERIEL MATÉRIEL \$																					

3.5 Canadian Forces Transportation Packaging Order (CFTPO).

3.5.1 When it is not possible to adequately describe the method of cushioning, blocking and bracing, provisions for tie down, or modification of a approved type of container on the packaging detail form, a CFTPO shall be prepared in two copies and submitted with the Form CF 271.

3.5.2 CFTPOs have been introduced to obviate the necessity for producing engineering drawings to depict packaging requirements and to provide a standard format and numbering system for sketches or tracing used in lieu of engineering drawings.

3.5.3 The CFTPO is designed to allow contractors as much freedom as possible. It need not be prepared as "reproducible" copy. If drawing facilities are not available, it will be permissible to trace or cut and paste onto the CFTPO, illustrations taken from brochures etc. Sketches need not be to scale. A high standard of drawing is not necessary.

3.5.4 CFTPOs shall be prepared when the following conditions are applicable.

- a. The physical characteristics of the item require special blocking, bracing, cushioning, suspension system or specially designed non-specification containers to provide the necessary protection.
- b. The requirements cannot be reflected on Form CF 271 by code or reference to an approved specification or drawing.

3.5.5 The data shown on the CFTPO must be in sufficient detail to permit subsequent duplication of the package.

3.5.6 CFTPOs shall be prepared on forms in accordance with Figure 5 which may be supplemented by forms conforming to Figure 6 depending upon which of the forms best suits the individual purpose. Blank forms may be obtained from the Technical Services Agency or Inspection Authority designated on the contract or order.

3.5.7 CFTPOs shall be developed using narrative description, graphic sketch or a combination of both. All headings on CFTPOs shall be completed.

3.5.8 The blank area of the form shall be used for sketches or narrative description of the package.

3.5.9 The block "Based on" shall always contain, among other references, the complete stock number of the item.

3.5.10 The block "CFTPO" shall bear the last nine numbers of the stock number of the item and the blank block under the "CFTPO" block shall contain the date on which the CFTPO was prepared.

3.5.11 All detail required for production of the package, including internal block and bracing or contour supports, shall be shown in their relationship to the item being packaged.

3.5.12 Basic isometric or perspective views may be used to show the various components of the package in relation to each other and the contained item. Relation of the component parts of the package may be shown by exploded or partially exploded views. In some instances clarity is best effected by showing the item outlined in place. Selection of the method best suited to meet the intended purpose shall be left to the discretion of the packager, subject to approval by the approval authority.

3.5.13 When the instruction covers blocking and bracing of unpacked items, all details necessary to indicate handling and storage shall be provided, including instructions for cribbing, hoisting, tie down and supports.

3.5.14 If special grades of types lumber and plywood are used, the varieties shall be clearly indicated. Direction of surface grain of plywood shall be shown when it is a pertinent factor. Lumber of standard commercial size used in blocking and bracing shall be distinguished by "(NOM)" following the thickness and width dimension, ie, 2 by 4 inch (5 by 10 cm) (NOM) by 23 inch (159 cm). Unless so specified, dimensions listed will be presumed to be nominal rather than actual dimensions.

3.5.15 Fibreboard used as pads, die-cuts and sleeves shall be identified as to type, class, grade, flute size, bursting strength and flute direction.

3.5.16 Specification, type, grade and thickness of cushioning material shall be indicated. When shear mounts, vibration isolators, or other shock mounting devices are used, they shall be identified and described.

3.5.17 Unless otherwise specified, bolts, lag screws, etc, shall be of standard commercial grade. Types of bolts such as "carriage" and "machine" shall also be indicated.

3.5.18 Angle iron, strapping, and rods used as a securing media shall be clearly identified as to material, finish and tensile strength.

3.5.19 Construction details of military specification type containers need not be illustrated, except as necessary to clarify details of the package. The specification number and type of container shall be shown. All pertinent details shall be indicated when containers, modified into special containers, are used.

3.5.20 Only when no other means of identification is possible shall trade names be used.

3.5.21 CFTPOs shall be submitted with the Form CF 271 which they support.

3.5.22 CFTPOs shall not contain details for specialized shockmounts, containers, preformed dunnage etc, that will duplicate information in approved drawings. However, the engineering drawing number may be indicated on the CFTPO.

3.5.23 When item(s) involved are kits, sets, or assemblies that require more than one exterior shipping container to pack the components, each CFTPO shall reference that paragraph of Specification D-LM-008-002/SF-001 that pertains to sets or assembly markings, ie, marking shall be in accordance with D-LM-008-002/SF-001, sets, assemblies, etc.

PRESERVATION AND PACKAGING/PRESERVATION ET EMBALLAGE		DATA/DONNÉES	NOTES
<p>LEVEL A/NIVEAU A Method/Méthode Cleaning and Drying/Nettoyage et séchage Preservative Compound/Produit de préservation Cushioning and Dunnage/Bourrage et fardage</p> <p>LEVEL B/NIVEAU B Method/Méthode Cleaning and Drying/Nettoyage et séchage Preservative Compound/Produit de préservation Cushioning and Dunnage/Bourrage et fardage</p> <p>LEVEL C/NIVEAU C Method/Méthode Cleaning and Drying/Nettoyage et séchage Preservative Compound/Produit de préservation Cushioning and Dunnage/Bourrage et fardage</p> <p>PACKING/EMBALLAGE CONTAINER/CONTENANT LEVEL A/NIVEAU A Specification/Spécification Inside Dimensions/Dimensions intérieures Length/Longueur (inches)/(pouces) Width/Largeur (inches)/(pouces) Depth/Profondeur (inches)/(pouces)</p> <p>LEVEL B/NIVEAU B Specification/Spécification Inside Dimensions/Dimensions intérieures Length/Longueur (inches)/(pouces) Width/Largeur (inches)/(pouces) Depth/Profondeur (inches)/(pouces)</p> <p>LEVEL C/NIVEAU C Specification/Spécification Inside Dimensions/Dimensions intérieures Length/Longueur (inches)/(pouces) Width/Largeur (inches)/(pouces) Depth/Profondeur (inches)/(pouces)</p> <p>AIR SHIPMENT (LEVEL D)/ EXPÉDITION PAR AIR (NIVEAU D) Specification/Spécification Inside Dimensions/Dimensions intérieures Length/Longueur (inches)/(pouces) Width/Largeur (inches)/(pouces) Depth/Profondeur (inches)/(pouces)</p> <p>GROSS CUBE (OUTSIDE)/VOLUME BRUT (EXTÉRIEUR) Level A/Niveau A (cu. ft.)/(pi. cu.) Level B/Niveau B (cu. ft.)/(pi. cu.) Level C/Niveau C (cu. ft.)/(pi. cu.) Air Shipment/ (cu. ft.)/ Expédition par air (pi. cu.)/</p> <p>GROSS WEIGHT/POIDS BRUT Level A/Niveau A (lbs.) Level B/Niveau B (lbs.) Level C/Niveau C (lbs.) Air Shipment/ (lbs.)/ Expédition par air (lbs.)/</p> <p>CLOSURE/FERMETURE</p>			
MARKING/MARQUAGE			
	10		
	9		Draftsman/ Dessinateur
	8		Checker/ Pointeur
	7		
	6		Design Engineer/ Ingénieur de bureau d'études
	5		
	4		Approval/ Sceau
	3		
	2		Stamp/ d'approbation
	1		
Req'd/ Demandé	Item/ Article	Description	Material/ Matériel

CANADIAN FORCES TRANSPORTATION PACKAGING ORDER/ ORDONNANCE DES FORCES CANADIENNES RELATIVE A L'EMBALLAGE AUX FINS DE TRANSPORT	
CFTPO -	
Approval/ Sceau	Nomenclature
Stamp/ d'approbation	Based on/Base sur
	Sheet/Feuille

Draftsman/ Dessinateur		CANADIAN FORCES TRANSPORTATION PACKAGING ORDER/ ORDONNANCE DES FORCES CANADIENNES RELATIVE À L'EMBALLAGE AUX FINS DE TRANSPORT	
Checker/ Pointeur			
Design Engineer/ Ingénieur de bureau d'études			
		CFTPO -	
Approval/ Sceau	Nomenclature		
Stamp/ d'approbation	Based on/Basé sur		Sheet/Feuille

Figure 7 — Making Direct Reference to Special Instructions


NATO STOCK NO. - NUMÉRO DE STOCK OTAN																																																				
NSC - CSO 6810				CD - PO 21		IIN - N° IA 801 1488									CARD NO. CARTE N° 04		U.I. U.D. GB		National Defence / Défense nationale			PACKAGING DATA DONNÉES D'EMBALLAGE		APPROVAL STAMP - SCEAU D'APPROBATION																												
ESSENTIAL PRESERVATION AND PACKAGING DATA - DONNÉES ESSENTIELLES - PRÉSERVATION ET EMBALLAGE																																																				
SEQ. / SUCC.	DM MD	CATEGORY CATÉGORIE	METHOD MÉTHODE	QTY UNIT PACK. QTE PAR UNITÉ D'EMBALLAGE	CLEAN NETTOYAGE	PRESV. MAT. MAT. PRÉS.	WRAP MAT. MAT. EMB.	CUSHION AND DUNNAGE BOURRAGE ET FARDAGE	CUSH. THICK. ÉPAISS. BOIRR.	UNIT CONT. CONT. UNIT	INTER.	LEVEL OF PRO. CODE PROT.	MAX WEIGHT CODE CODE POIDS MAX	MAX CUBE CODE CODE VOLUME MAX	UNIT CONTAINER DIMENSION DIMENSIONS DU CONTENANT PAR UNITÉ			CONT. LEVEL CODE CONT.	OPT. PROC. IND. MÉT. FACULT.	SUP. LINE IND. L. D. SUPPL.	REVISION NO. RÉVISION N°																															
															LENGTH LONGUEUR	WIDTH LARGUEUR	DEPTH PROFONDEUR																																			
18	D		*																																																	
STORE IN DRY ICE																																																				
SUPPLEMENTAL PRESERVATION AND PACKAGING DATA - DONNÉES SUPPLÉMENTAIRES - PRÉSERVATION ET EMBALLAGE																																																				
18	A	ACETIC ACID - CORROSIVE										UN	2789																																							
PACKAGING FOR TRANSPORTATION SUPPORT - DONNÉES SPÉCIALES - EMBALLAGE POUR TRANSPORT																																																				
SEQ. / SUCC.	SHIPPING CONTAINER DIMENSIONS DIMENSIONS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER WEIGHT POIDS DU CONTENANT D'EXPÉDITION					SHIPPING CONTAINER CUBE VOLUME DU CONTENANT D'EXPÉDITION					SHIPPING CONTAINER QTY. QTE CONTENANT D'EXPÉDITION	CONT. LEVEL. NIVEAU CONT.	TYPE OF CONT. GÈNRE DE CONT.																																				
	LENGTH IN. LONGUEUR-POUCE	WIDTH IN. LARGUEUR-POUCE	DEPTH IN. PROFONDEUR-POUCE	WHOLE LBS. LIVRES ENTIÈRES	100TH 100E	WHOLE CUBE FT. 100TH 100E	100TH 100E																																													
X																																																				
18	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63																							
	DETAIL - DETAIL				BASIC - DE BASE				INTERMEDIATE INTERMÉDIAIRE				BULK - EN VRAC				ITEM NAME - NOM DE L'ARTICLE			ORIGINATOR - EXPÉDITEUR		DATE																														
	METHOD/LEVEL MÉTHODE/NIVEAU				CLEANING NETTOYAGE				DRYING SÉCHAGE				PRESERVATION PRÉSERVATION				INITIAL WRAP EMBALLAGE INITIAL				CUSH/DUNNAGE BOURRAGE/FARDAGE				CONTAINER CONTENANT				CUBE VOLUME				WEIGHT POIDS				QUANTITY QUANTITÉ				COST COÛT		LABOUR MAIN-D'OEUVRE \$		MATERIAL MATÉRIEL \$		PACK INDEX LISTE D'EMBALLAGE		CONTROL NO. - N° DE CONTRÔLE			
															SPECIAL INSTRUCTIONS - INSTRUCTIONS SPÉCIALES																																					

CF 271 (2-83) 7530-21-896-0977

Figure 8 — Direct Reference to a Specification with Special QUP

NATO STOCK NO. — NUMÉRO DE STOCK OTAN												
NSC — CSO				CD — PO		IIN — N° IA						
1	2	3	4	5	6	7	8	9	10	11	12	13
1	5	6	0	2	1	9	0	1	5	5	0	9

CARD NO. CARTE N°	U.I. U.D.
04	EA
14 15	16 17

 National Defence / Défense nationale

PACKAGING DATA / DONNÉES D'EMBALLAGE

APPROVAL STAMP — SCEAU D'APPROBATION

ESSENTIAL PRESERVATION AND PACKAGING DATA — DONNÉES ESSENTIELLES — PRÉSERVATION ET EMBALLAGE

SE.O./S.U.C.C.	DM MD	CATEGORY CATÉGORIE	METHOD MÉTHODE	QTY UNIT PACK - QTE PAR UNITÉ D'EMBALLAGE	CLEAN NETTOYAGE	PRESV. MAT. MAT. PRÉS.	WRAP MAT. MAT. EMB.	CUSHION AND DUNNAGE BOURRAGE ET FARDAGE	CUSH. THICK. ÉPAISS. BOURR.	UNIT CONT. UNIT	INTER.		MAX WEIGHT CODE CODE POIDS MAX	MAX CUBE CODE CODE VOLUME MAX	UNIT CONTAINER DIMENSION DIMENSIONS DU CONTENANT PAR UNITÉ			CONT. LEVEL CODE NIVEAU CODE GENRE DE CONT.	MATERIAL SUPPL. MAT. PAKULIS SUP. L'IND. SUPPL.	REVISION NO. RÉVISION N°																				
											QTY QTE	CONT			LEVEL OF PROT. CODE PROT.	LENGTH LONGUEUR	WIDTH LARGUEUR				DEPTH PROFONDEUR																			
18	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
				*																																				

SUPPLEMENTAL PRESERVATION AND PACKAGING DATA — DONNÉES SUPPLÉMENTAIRES — PRÉSERVATION ET EMBALLAGE

SE.O./S.U.C.C.	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80						
18																																															
A																																															
B																																															
C																																															
D																																															

PACKAGING FOR TRANSPORTATION SUPPORT — DONNÉES SPÉCIALES — EMBALLAGE POUR TRANSPORT

SE.O./S.U.C.C.	SHIPPING CONTAINER DIMENSIONS DIMENSIONS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER WEIGHT POIDS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER CUBE VOLUME DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER QTY. QTE D'EXPÉDITION	CONT. LEVEL NIVEAU/CONT.	TYPE OF CONT. GENRE DE CONT.																	
	LENGTH IN. LONGUEUR-POUCE	WIDTH IN. LARGUEUR-POUCE	DEPTH IN. PROFONDEUR-POUCE	WHOLE LBS. LIVRES ENTIERES	100TH 100E	WHOLE CUBE FT. CUBE ENTIER	100TH 100E																						
18	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

DETAIL — DÉTAIL	BASIC — DE BASE	INTERMEDIATE INTERMÉDIAIRE	BULK — EN VRAC	ITEM NAME — NOM DE L'ARTICLE	ORIGINATOR — EXPÉDITEUR	DATE
METHOD/LEVEL MÉTHODE/NIVEAU				ROD ASSY	J. DOE	26 Jul 88
CLEANING NETTOYAGE				SPECIAL INSTRUCTIONS — INSTRUCTIONS SPÉCIALES		
DRYING SÉCHAGE						
PRESERVATION PRÉSERVATION						
INITIAL WRAP EMBALLAGE INITIAL						
CUSH/DUNNAGE BOURRAGE/FARDAGE						
CONTAINER CONTENANT						
CUBE VOLUME						
WEIGHT POIDS				COST	LABOUR MAIN-D'OEUVRE \$	PACK INDEX LISTE D'EMBALLAGE
QUANTITY QUANTITÉ					MATERIAL MATÉRIEL \$	CONTROL NO. — N° DE CONTRÔLE

CF 271 (2-83) 7530-21-896-0977

Figure 9 — Direct Reference to a Specification and Referring to a Special Container

NATO STOCK NO. — NUMÉRO DE STOCK OTAN

NSC - CSO				CD - PO		IIN - N° IA						CARD NO CARTE N°		U.I. U.D.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
5	9	9	9	0	1	8	0	1	1	4	6	6	0	2	E	A



National Defence / Défense nationale

PACKAGING DATA / DONNÉES D'EMBALLAGE

APPROVAL STAMP — SCEAU D'APPROBATION

ESSENTIAL PRESERVATION AND PACKAGING DATA — DONNÉES ESSENTIELLES — PRÉSERVATION ET EMBALLAGE

SEQ. / SUCC.	DM MD	CATEGORY / CATÉGORIE	METHOD / MÉTHODE	QTY UNIT PACK. QTE PAR UNITÉ D'EMBALLAGE	CLEAN / NETTOYAGE	PRESV. MAT. / MAT. PRÉS.	WRAP MAT. / MAT. EMB.	CUSHION AND DUNNAGE / BOURRAGE ET FARDAGE	CUSH. THICK. / ÉPAISS. / BOURR.	UNIT CONT. / CONT. UNIT	INTER.		MAX WEIGHT CODE / CODE POIDS MAX	MAX CUBE CODE / CODE VOLUME MAX	UNIT CONTAINER DIMENSION / DIMENSIONS DU CONTENANT PAR UNITÉ			CONT. LEVEL CODE / CODE CONT.	OPT. PROC. IND. / MET. FACULT.	SUP. LINE IND. / L. D. SUPPL.	REVISION NO. / RÉVISION N°
											QTY / QTE	CONT.			LEVEL OF PRO. / CODE PROT.	LENGTH / LONGUEUR	WIDTH / LARGUEUR				
18			*			D	LM	008		0345		FO00								1	

SUPPLEMENTAL PRESERVATION AND PACKAGING DATA — DONNÉES SUPPLÉMENTAIRES — PRÉSERVATION ET EMBALLAGE

SEQ. / SUCC.	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
A	U	S	E		8	1	1	5	-	2	1	-	8	0	0	-	1	4	6	6																						
B																																										
C																																										
D																																										

PACKAGING FOR TRANSPORTATION SUPPORT — DONNÉES SPÉCIALES — EMBALLAGE POUR TRANSPORT

SEQ. / SUCC.	SHIPPING CONTAINER DIMENSIONS / DIMENSIONS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER WEIGHT / POIDS DU CONTENANT D'EXPÉDITION		SHIPPING CONTAINER CUBE VOLUME / VOLUME DU CONTENANT D'EXPÉDITION		SHIPPING CONTAINER QTY. / QTE CONTENANT D'EXPÉDITION	CONT LEVEL / NIVEAU CONT.	TYPE OF CONT. / GENRE DE CONT.																			
	LENGTH IN. / LONGUEUR-POUCE	WIDTH IN. / LARGUEUR-POUCE	DEPTH IN. / PROFONDEUR-POUCE	WHOLE LBS. / LIVRES ENTIÈRES	100 TH / 100 E	WHOLE CUBE FT. / PIED CUBE ENTIER	100 TH / 100 E																						
X																													
18	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

DETAIL — DÉTAIL	BASIC — DE BASE	INTERMEDIATE / INTERMÉDIAIRE	BULK — EN VRAC	ITEM NAME — NOM DE L'ARTICLE	ORIGINATOR — EXPÉDITEUR	DATE
METHOD / LEVEL / MÉTHODE / NIVEAU				CIRCUIT CARD	B. BROWN	11 JULY 83
CLEANING / NETTOYAGE				SPECIAL INSTRUCTIONS — INSTRUCTIONS SPÉCIALES		
DRYING / SÉCHAGE						
PRESERVATION / PRÉSERVATION						
INITIAL WRAP / EMBALLAGE INITIAL						
CUSH/DUNNAGE / BOURRAGE/FARDAGE						
CONTAINER / CONTENANT						
CUBE / VOLUME						
WEIGHT / POIDS				COST / COÛT	LABOUR MAIN-D'OEUVRE \$	PACK INDEX LISTE D'EMBALLAGE
QUANTITY / QUANTITÉ						

CF 271 (2-83) 7530-21-896-0977

Figure 10 — Direct Reference to a Specification (Plain Language)

NATO STOCK NO. — NUMÉRO DE STOCK OTAN

NSC — CSO				CD — PO		IIN — NO IA								
5	3	3	0	00		8	00	1	4	5	9			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

CARD NO CARTE N
04
14 15

U.I. U.D.
EA
16 17



National Défense
Défense nationale

PACKAGING DATA
DONNÉES D'EMBALLAGE

APPROVAL STAMP — SCEAU
D'APPROBATION

ESSENTIAL PRESERVATION AND PACKAGING DATA — DONNÉES ESSENTIELLES — PRÉSERVATION ET EMBALLAGE

SEQ. SUCC.	DM MD	CATEGORY CATÉGORIE	METHOD MÉTHODE	QTY UNIT PACK — QTE PAR UNITÉ D'EMBALLAGE	CLEAN NETTOYAGE	PRESV. MAT. MAT. PRÉS.	WRAP MAT. MAT. EMB.	CUSHION AND DUNNAGE BOURRAGE ET FARDAGE	CUSH. THICK. ÉPAISS. BOURR.	UNIT CONT. CONT. UNIT	INTER.		LEVEL OF PRO. COTE PROT.	MAX WEIGHT CODE CODE POIDS VOLUME MAX	MAX CUBE CODE CODE VOLUME MAX	UNIT CONTAINER DIMENSION DIMENSIONS DU CONTENANT PAR UNITÉ			CONT. LEVEL COTE CONT.	OPT. PROC. IND. MÉT. FACULT.	SUP. LINE IND. L. D. SUPPL.	REVISION NO. RÉVISION Nº																		
											QTY. QTE	CONT.				LENTH LON- GUEUR	WIDTH LAR- GEUR	DEPTH PROFON- DEUR																						
18			*				D-LM-008						0265								0																			
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

SEU.
SUCC.
SUPPLEMENTAL PRESERVATION AND PACKAGING DATA — DONNÉES SUPPLÉMENTAIRES — PRÉSERVATION ET EMBALLAGE

18	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80		
A																																											
B																																											
C																																											
D																																											

PACKAGING FOR TRANSPORTATION SUPPORT — DONNÉES SPÉCIALES — EMBALLAGE POUR TRANSPORT

SEQ. SUCC.	SHIPPING CONTAINER DIMENSIONS DIMENSIONS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER WEIGHT POIDS DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER CUBE VOLUME DU CONTENANT D'EXPÉDITION			SHIPPING CONTAINER QTY. QTE		TYPE OF CONT. GENRE DE CONT.																	
	LENGTH IN. LONGUEUR — POUCE	WIDTH IN. LARGEUR — POUCE	DEPTH IN. PROFONDEUR POUCE	WHOLE LBS. LIVRES ENTières	100TH 100E	WHOLE CUBE FT. PIED CUBE ENTIER	100TH 100E	CONTENANT D'EXPÉDITION	CONT. LEVEL NIVEAU CONT.																				
18	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

	DETAIL — DETAIL	BASIC — DE BASE	INTERMEDIATE INTERMÉDIAIRE	BULK — EN VRAC	ITEM NAME — NOM DE L'ARTICLE	ORIGINATOR — EXPÉDITEUR	DATE
	METHOD/LEVEL MÉTHODE/NIVEAU				GASKET	J. SMITH	12 SEP 82
	CLEANING NETTOYAGE				SPECIAL INSTRUCTIONS — INSTRUCTIONS SPÉCIALES		
	DRYING SÉCHAGE						
	PRESERVATION PRÉSERVATION						
	INITIAL WRAP EMBALLAGE INITIAL						
	CUSH/DUNNAGE BOURRAGE/FARDAGE						
	CONTAINER CONTENANT						
	CUBE VOLUME						
	WEIGHT POIDS				COST CÔT	LABOUR MAIN-D'OEUVRE	PACK INDEX LISTE D'EMBALLAGE
	QUANTITY QUANTITÉ						

CF 271 (2-83) 7530-21-896-0977

D-LM-008-011/SF-001

Figure 11 — Direct Reference to a Specification with Special QUP (Plain Language)

NATO STOCK NO. — NUMÉRO DE STOCK OTAN															CARD NO CARTE N°		U.I. U.D.		National Defence / Défense nationale		PACKAGING DATA DONNÉES D'EMBALLAGE		APPROVAL STAMP — SCEAU D'APPROBATION																				
NSC — CSO				CD — PG		IIN — N° IA									14	15	16	17																									
5	9	4	0	0	0	1	3	4	0	6	7	4	0	4	E	A																											
ESSENTIAL PRESERVATION AND PACKAGING DATA — DONNÉES ESSENTIELLES — PRÉSERVATION ET EMBALLAGE																																											
SEQ./SUCC.	DM MD	CATEGORY CATEGORIE	METHOD METHODE	QTY UNIT PACK — QTE PAR UNITÉ D'EMBALLAGE	CLEAN NETTOYAGE	PRESV. MAT. MAT. PRÉS.	WRAP MAT. MAT. EMB.	CUSHION AND DUNNAGE BOURRAGE ET FARDAGE	CUSH. THICK. EPAISS. BOURR.	UNIT CONT. CONT. UNIT	INTER.		MAX WEIGHT CODE CODE POIDS MAX	MAX CUBE CODE CODE VOLUME MAX	UNIT CONTAINER DIMENSION DIMENSIONS DU CONTENANT PAR UNITÉ			CONT. LEVEL CODE CONT.	OPT. PROC. IND. MÉT. FACULT.	SUP. LINE IND. L. D. SUPPL.	REVISION NO. RÉVISION N°																						
											QTY. QTE.	CONT.			LEVEL OF PRO. COTE PROT.	LENGTH LONGUEUR	WIDTH LARGUEUR					DEPTH PROFONDEUR																					
18			*																																								
SUPPLEMENTAL PRESERVATION AND PACKAGING DATA — DONNÉES SUPPLÉMENTAIRES — PRÉSERVATION ET EMBALLAGE																																											
SEQ./SUCC.	18	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
A																																											
B																																											
C																																											
D																																											
PACKAGING FOR TRANSPORTATION SUPPORT — DONNÉES SPÉCIALES — EMBALLAGE POUR TRANSPORT																																											
SEQ./SUCC.	SHIPPING CONTAINER DIMENSIONS DIMENSIONS DU CONTENANT D'EXPÉDITION						SHIPPING CONTAINER WEIGHT POIDS DU CONTENANT D'EXPÉDITION					SHIPPING CONTAINER CUBE VOLUME DU CONTENANT D'EXPÉDITION				SHIPPING CONTAINER QTY. QTE CONTENANT D'EXPÉDITION	CONT LEVEL NIVEAU CONT.	TYPE OF CONT. GENRE DE CONT.																									
	18	35	36	37	38	39	40	41	42	43	44	45	46	47	48				49	50	51	52	53	54	55	56	57	58	59	60	61	62	63										
X																																											

DETAIL — DETAIL	BASIC — DE BASE	INTERMEDIATE INTERMÉDIAIRE	BULK — EN VRAC	ITEM NAME — NOM DE L'ARTICLE	ORIGINATOR — EXPÉDITEUR	DATE
METHOD/LEVEL MÉTHODE/NIVEAU				CONNECTOR.	J. SMITH	12 SEP 82
CLEANING NETTOYAGE				SPECIAL INSTRUCTIONS — INSTRUCTIONS SPÉCIALES		
DRYING SÉCHAGE						
PRESERVATION PRÉSERVATION						
INITIAL WRAP EMBALLAGE INITIAL						
CUSH/DUNNAGE BOURRAGE/FARDAGE						
CONTAINER CONTENANT						
CUBE VOLUME						
WEIGHT POIDS				COST	LABOUR MAIN-D'OEUVRE \$	PACK INDEX LISTE D'EMBALLAGE
QUANTITY QUANTITÉ				COST	MATÉRIEL \$	CONTROL NO. — N° DE CONTRÔLE

CF 271 (2-83) 7530-21-896-0977

Figure 12 — Direct Reference to a Special Container (Plain Language)

NATO STOCK NO. - NUMÉRO DE STOCK OTAN

NSC - CSO				CD - PO		IIN - N° 1A						
5	8	8	5	00		8	0	1	2	0	2	1
1	2	3	4	5	6	7	8	9	10	11	12	13

CARD NO. CARTE N°
05
14 15

U.I. U.D.
EA
16 17



National Defence
Défense nationale

PACKAGING DATA
DONNÉES D'EMBALLAGE

APPROVAL STAMP - SCEAU D'APPROBATION

ESSENTIAL PRESERVATION AND PACKAGING DATA - DONNÉES ESSENTIELLES - PRÉSERVATION ET EMBALLAGE

SEQ. SUCC.	DM	CATEGORY CATÉGORIE	METHOD MÉTHODE	QTY UNIT, PACK - QTE PAR UNITÉ D'EMBALLAGE	CLEAN NETTOYAGE	PRESV. MAT. PRÉS.	WRAP MAT. EMB.	CUSHION AND DUNNAGE BOURRAGE ET FARDAGE	CUSH, THICK. ÉPAISS., BOURR.	UNIT CONT. UNITÉ	INTER.		MAX WEIGHT CODE POIDS MAX	MAX CUBE CODE VOLUME MAX	UNIT CONTAINER DIMENSION DIMENSIONS DU CONTENANT PAR UNITÉ			CONT. LEVEL CODE CONT.	OPT. PROC. IND. MET. FACULT.	SUP. LINE IND. L. D. SUPPL.	REVISION NO. RÉVISION N°
											QTY	CONT.			LENGTH LON- GUEUR	WIDTH LAR- GEUR	DEPTH PROFON- DEUR				
18	41	42 43 44 45 46 47	*			USE	NSN	8145-00-800-3321										0			

SUPPLEMENTAL PRESERVATION AND PACKAGING DATA - DONNÉES SUPPLÉMENTAIRES - PRÉSERVATION ET EMBALLAGE

18	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
A	
B	
C	
D	

PACKAGING FOR TRANSPORTATION SUPPORT - DONNÉES SPÉCIALES - EMBALLAGE POUR TRANSPORT

SEQ. SUCC.	SHIPPING CONTAINER DIMENSIONS DIMENSIONS DU CONTENANT D'EXPÉDITION				SHIPPING CONTAINER WEIGHT POIDS DU CONTENANT D'EXPÉDITION				SHIPPING CONTAINER CUBE VOLUME DU CONTENANT D'EXPÉDITION				SHIPPING CONTAINER QTY. QTE CONTENANT D'EXPÉDITION	CONT. LEVEL NIVEAU CONT.	TYPE OF CONT. GENRE DE CONT.														
	LENGTH IN LONGUEUR POUCE	WIDTH IN LARGEUR POUCE	DEPTH IN PROFONDEUR POUCE		WHOLE LBS. LIVRES ENTières	100 TH 100 E			WHOLE CUBE FT. PIED CUBE ENTIER	100 TH 100 E																			
X																													
18	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

DETAIL - DÉTAIL	BASIC - DE BASE	INTERMEDIATE INTERMÉDIAIRE	BULK - EN VRAC	ITEM NAME - NOM DE L'ARTICLE	ORIGINATOR - EXPÉDITEUR	DATE
METHOD/LEVEL MÉTHODE/NIVEAU				REGULATOR	P. JONES	12 NOV. 81
CLEANING NETTOYAGE				SPECIAL INSTRUCTIONS - INSTRUCTIONS SPÉCIALES		
DRYING SÉCHAGE						
PRESERVATION PRÉSERVATION						
INITIAL WRAP EMBALLAGE INITIAL						
CUSH/DUNNAGE BOURRAGE/FARDAGE						
CONTAINER CONTENANT						
CUBE VOLUME						
WEIGHT POIDS				COST COUT	LABOUR MAIN-D'OEUVRE	\$
QUANTITY QUANTITÉ					MATERIAL MATÉRIEL	\$
					PACK INDEX LISTE D'EMBALLAGE	CONTROL NO. - N° DE CONTRÔLE

CF 271 (2-83) 7530-21-896-0977

AUTHORIZED ABBREVIATIONS CROSS REFERENCES TO UNITS OF ISSUE

ABBREVIATION	TERM	ABBREVIATION	TERM
AM	Ampoule	GR	Gross
AY	Assembly	GS	Glass
BC	Block	HD	Hundred
BE	Bale	HI	Hundredweight (Imperial)
BF	Board Feet	HW	Hundredweight
BG	Bag	IN	Inch
BI	Brick	JG	Jug
BK	Book	JR	Jar
BL	Barrel	KD	Cord
BM	Bushel, Imperial (2219.23 cu in)	KE	Keg
BD	Bundle	KG	Kilogramme
BO	Bolt	KM	Kilometre
BR	Bar	KS	Cask
BT	Bottle	KT	Kit
BU	(2150.48 cu in) Bushel	LB	Pound
BX	Box	LF	Linear Foot
CM	Centimetre	LG	Length
CM ²	Square Centimetre	LI	Litre
CM ³	Cubic Centimetre	LT	Long ton (2240 lb)
CA	Cartridge	LY	Linear Yard
CB	Carboy	MC	Microprogramme
CD	Cubic Yard	MG	Milligramme
CE	Cone	MI	Mile
CF	Cubic Foot	ML	Millilitre
CG	Centigramme	MM	Millimetre
CH	Chest	M3	Cubic Metre
CI	Cubic Inch	MR	Metre
CK	Cake	MT	Metric Ton
CL	Coil	MX	Thousand
CN	Can	SC	Section
CO	Container	SE	Set
CP	Capsule	SF	Square Foot
CR	Crate	SH	Sheet
CS	Case	SI	Square Inch
CT	Carton	SL	Spool
CY	Cylinder	SQ	Square
DC	Decagramme	SS	Stack
DE	Decimetre	ST	Short Ton
DG	Decigramme	SV	Sleeve
DK	Deck	SY	Square Yard
DL	Decilitre	TI	Tin
DM	Dram	TM	(2240.6 lb) Ton, Metric
DR	Drum	M ²	Square
DZ	Dozen	NT	Net Ton
EA	Each	OZ	Ounce
EN	Envelope	PA	Paper
FL	Flask	PC	Piece
FT	Foot	PD	Pad
GB	Gallon (Imperial)	PF	Panel
GL	Gallon, US	PG	Package
GM	Gramme	PI	Pint (Imperial)
GN	Grain	PK	Pack
GP	Group		

ABBREVIATION	TERM	ABBREVIATION	TERM
PL	Pail	RL	Reel
PN	Packing	RO	Roll
PO	Pouch	RM	Ream
PR	Pair	RN	Ribbon
PI	Pint, US	SA	Sack
PV	Half Pint (US)	TO	Troy Ounce
PW	Half Pint (Imperial)	TP	Tape
QI	Quart (Imperial)	TU	Tube
QR	Quire	UN	Unit
QT	Quart, US	VI	Vial (or Phial)
RA	Ration	VO	Volume
RD	Round	XX	Ten
		YD	Yard

