

# T-13

## **PURCHASE ORDER TERMS AND CONDITIONS (PACKAGING, PACKING, MARKING AND BAR CODING) (4-00)**

### **1. PURPOSE AND SCOPE**

These terms specify requirements for packaging, packing, marking and bar coding of Products (also referred to herein as "Items") for delivery from Seller to Buyer. **All Product deliveries must comply with the provisions set forth herein below unless specific packaging, packing or marking requirements are contained within applicable specifications, drawings, etc.** Seller must assure package integrity throughout the shipping cycle.

### **2. GENERAL REQUIREMENTS**

Products received without packaging, packing, marking and/or bar coding as set forth herein may be rejected by Buyer and returned to Seller at Seller's expense.

- A. Packaging, packing, marking and labeling will conform to instructions specified or provided by Buyer.
- B. When specified in the Order, Seller shall submit packaging data to Buyer for approval prior to shipment.
- C. Each package and pack shall provide physical, chemical and cleanliness protection to prevent damage to or deterioration of the Product. All materials, fabrication techniques and workmanship shall conform to the requirements specified below or, if not specified, otherwise meet or exceed good commercial quality and practice.
- D. Seller must comply with all applicable carrier regulations, including National Motor Freight Classification and Department of Transportation Regulations.
- E. Products susceptible to Electrostatic Discharge (ESD) must be properly packaged using electrostatic dissipating and shielding packaging materials.
- F. Aluminum foil in packaging material shall not contact metals other than cadmium, magnesium, aluminum or zinc in applications which may be exposed to water, including water vapor and condensate.

### **3. UNIT PACKAGING**

- A. Determine the quantity of Items to be included in a unit package as follows:
  - (1) For hardware (nuts, bolts, screws, etc.), package in accordance with Exhibit "A".
  - (2) As specified in the contract, Order, or specification.
  - (3) Based on consideration of the Products characteristics, configuration, size, weight, value, criticality, packaging economics, and Seller standards unless otherwise specified by Buyer.
- B. Any painted part, machined part or single Product weighing over one (1) Pound shall be packaged individually to prevent metal to metal contact.
- C. Adequate separation, wrapping or cushioning shall be provided between parts to preclude incurring of nicks, dents, scratches or abrasions upon Products.
- D. Products with sharp points or protrusions shall be adequately padded to prevent damage to containers or other Products.
- E. Accessory hardware shall be assembled to the Product when practical, or separately secured within the unit package.

F. Unit package closure shall prevent accidental opening during shipment and storage.

#### **4. CLEANING**

- A. Any cleaning process may be used as long as no damage or harm occurs to the Product.
- B. All Products must be free of:
  - (1) Any foreign substance which may cause the Product to deteriorate.
  - (2) Any material which may reduce the effectiveness of any preservative compound used.

#### **5. PRESERVATION**

- A. Products susceptible to corrosion or deterioration shall be protected through use of: preservative coatings; volatile corrosion inhibitors; desiccate packs; etc..
- B. The preservative used must:
  - (1) Not damage the mechanism, structure or function of the Product by either application, removal or use.
  - (2) Not cause an adverse reaction with the Product.
  - (3) Provide protection for the Product throughout shipment and for a minimum of 90 days indoor storage following receipt.

#### **6. WRAPPING**

A sheet of flexible material shall be applied around the Product or package to prevent contamination, protect critical surfaces and barrier material from rupture, and preserve the Product.

- A. Wrapping material may be opaque or transparent and may possess other characteristics such as volatile corrosion inhibitor, grease-proof, heat sealable, etc.
- B. All wrapping shall be non-toxic and shall not cause deterioration, contamination or damage to the Product. The wrapping must be of sufficient size to completely enclose the Product(s) and must be secured in place.
- C. When required, wrapping material shall be of a type which will provide protection against field forces, such as electrostatic and electromagnetic fields.
- D. Use of static generating wrapping materials is prohibited when packaging ESD sensitive Items.

#### **7. CUSHIONING, BLOCKING AND BRACING**

As required to protect the Product from physical and mechanical damage during shipping and handling, cushioning, blocking and/or bracing shall be used.

- A. Cushioning shall meet the following requirements:
  - (1) Protect the Product from shock, vibration and abrasion.
  - (2) Control the free movement of the Product within the container.
  - (3) Convert irregular shaped Products to a configuration which may be supported within a container.
  - (4) Protect barriers and containers from ruptures by sharp edges or projections.
- B. Loose-fill cushioning materials (i.e., Styrofoam peanuts, shredded paper, popcorn, etc.) are prohibited.
- C. Newspaper and rags are unacceptable cushioning or dunnage materials.
- D. Use of static generating cushioning materials is prohibited when packaging ESD sensitive Items.

## **8. CONTAINERS**

- A. Each container shall be of minimum weight and cube consistent with standard economical designs, sizes and materials.
- B. Each unit, intermediate and shipping container shall be constructed to permit safe removal of the Product.
- C. Seller shall select unit, intermediate and shipping containers based primarily upon Product configuration and protection required during handling, shipping and storage.
- D. Special containers shall be used for Products which require additional features to ensure adequate protection (e.g., critical Products in which abrasion, shock, vibration or distortion on any surface may render the Product unfit for use).
- E. Reusable containers shall be used for Products which are subject to repair or overhaul. Reusable containers shall retain usefulness with minimum maintenance through the projected life span of the Product it supports. Containers must provide for easy removal of the Product without damaging or degrading the reusable value of the container.
- F. Bags and envelopes may be used as interior containers to protect Products from dust, water or water-vapor, as required. Closure of bags and envelopes (i.e., staples, tape, heat seal, etc.) shall be sufficient to ensure adequate Product restraint.
- G. Folding and set-up boxes are only permitted as interior unit or intermediate containers. They shall not be used as shipping containers since they will not withstand the rigors encountered during shipment. Closure, by means of tape, adhesive, stapling, etc., must be sufficient to ensure adequate Product restraint.
- H. Fiberboard boxes (solid or corrugated) may be used for a wide variety of products. The size, weight and type of the Product shall determine the proper style and type of fiberboard box used. Structural strength of the fiberboard box may be increased by varying the interior packing and a degree of water resistance may be attained through use of weather resistant fiberboard and tapes. Closure, by means of taping; stitching; adhesive; strapping; or any combination of these methods, must ensure adequate Product restraint.
- I. Wooden boxes and crates shall be used when warranted by shipping or structural requirements based upon Product configuration, weight, or size. Closure, based upon the type of wooden box or crate used, must ensure adequate Product restraint.
- J. All other containers (i.e., metal, plastic, fiberglass, etc.), which are normally selected because of their long life and high use applications, may be used when warranted. Closure must ensure Product restraint.

## **9. INTERMEDIATE PACKING**

- A. Unit packages may be placed within intermediate packaging when additional Product protection is required or to permit consolidation of Products for ease in handling.
- B. Intermediate containers shall:
  - (1) Include a maximum of 100 unit packs within any single intermediate container.
  - (2) Prevent scratches, surface abrasions or other damage to Products by ensuring that each Item (excluding hardware) is wrapped, bagged, or interleaved when more than one Item is placed in an intermediate container.
  - (3) Be used when multiple unit packages of two (2) pounds or 200 cubic inches or less will be included in a single shipment.

## **10. PACKING (EXTERIOR SHIPPING CONTAINERS)**

- A. Packing shall provide adequate protection of Products during handling, shipment and storage under anticipated environmental conditions.
- B. Packing must comply with minimum carrier requirements for design and fabrication.
- C. Products shall be cushioned, blocked and/or braced within the container to prevent damage during handling and shipment.
- D. Fork lift entries (skidding, pallets, etc.) shall be provided in the base of containers:
  - (1) Weighing over 50 pounds and with dimensions exceeding a length of 48 inches and a width of 24 inches.
  - (2) Weighing in excess of 150 pounds.
- E. Container fabrication shall not present any hazard to persons handling, loading or unloading them. They shall be securely sealed, strapped, banded, etc., to withstand anticipated transportation and storage conditions.
- F. Containers or Items shall not extend beyond any edge of the pallet or skid.
- G. Steel strapping shall not directly contact material. Corner blocking, edge protection, etc. must be placed between the material and the strapping for surface protection.

## **11. KITS**

Items within a kit must be:

- A. Packaged for physical and mechanical protection.
- B. Identified either by part number, Item configuration, nomenclature, or individually packaged and marked.
- C. Physically separated from each other within the kit if the Items react to each other.

## **12. HAZARDOUS MATERIALS**

- A. Hazardous materials shall be packaged, labeled, marked, and certified in compliance with applicable government and international regulations.
- B. A Materials Safety Data Sheet (MSDS) shall be mailed separately to Buyer (ATTN: Safety Manager) as set forth elsewhere within the terms of this Order.
- C. An MSDS shall also be included with the initial shipment of material and any time the material composition changes.
- D. For explosives or other dangerous Products which require review and approval by the Department of Transportation (DOT), Seller must submit two copies of the classification to Buyer by mail (one to ATTN: Safety Manager and one to ATTN: Packaging Development).
- E. When special permits or DOT exemptions are required, Seller shall ensure Buyer is a party to the provision and a copy of the permit or exemption is provided to Buyer by mail (ATTN: Packaging Development).

## **13. MARKING**

- A. General requirements:
  - (1) Markings shall be non-fading, clear, legible, and durable (capable of lasting throughout shipment and 90 days inside storage) marking in a color which shall contrast with the color of the container.
  - (2) Use labels, tags, stamping, printing, and/or stenciling compatible with the type of container used.
  - (3) All surfaces to be marked shall be clean and free of any marks not applicable to the shipment.

- (4) When reusing containers, unnecessary or obsolete markings must be entirely removed or covered.
- (5) Marking shall be located on one side of the container and must not be disturbed by the opening or closing of the container. Containers which are too small for labeling on one side may extend label to an adjacent panel.
- (6) Precautionary, handling, and hazardous material markings and labels shall be applied to assure proper handling and description of contents, as required.
- B. Shipping containers must be marked per Condition 14 below.
- C. Intermediate containers must be marked to show:
  - (1) Quantity of Items and unit of measure;
  - (2) Part No(s);
  - (3) Part name or description; and
  - (4) Earliest cure or expiration date, etc., if applicable.

**NOTE:** If different Items are shipped within a single intermediate container, comply with Condition 14, subparagraph M.(6).
- D. Unit containers must be marked to show:
  - (1) Seller's name;
  - (2) Quantity of Items and unit of measure;
  - (3) Part No(s);
  - (4) Shelf-life, if applicable:
    - (a) Manufacture or assembly date  
(e.g., MFD DATE 11/98);
    - (b) Cure date  
(e.g., CURE DATE 4Q 98); and/or
    - (c) Expiration date  
(e.g., EXP DATE 11/98);
  - (5) Serial no., when applicable  
(e.g., S/N 1234).

#### **14. BAR CODING - SHIPPING LABELS**

- A. Seller shall print and place bar coded shipping labels on all packages as set forth in the requirements and instructions of this Condition. Prior to first shipment, bar code must be approved by Buyer at one of the following sites:
 

<u>East Coast</u>	<u>West Coast</u>	<u>Central</u>
Northrop Grumman Corp.	Northrop Grumman Corp.	Northrop Grumman Corp.
Material Shared Services Ctr	One Northrop Avenue	P.O. Box 65907
425 North Drive / Bldg 216	Attn: Receiving Bar Coding	Attn: Receiving Bar Coding
Attn: Receiving Bar Coding	Mail Stop MM11/05	Mail Stop 6-33
Melbourne, Fl. 32934	Hawthorne, CA. 90250	Dallas, TX 75265-5907
- B. All shipments must be bar coded when shipped to Northrop Grumman Corporation.
- C. Users may consult AIM BC1 "Uniform Symbology specification Code 39" for bar code definitions and specifications. Data Identifier standards are as contained in American National Standards Institute (ANSI) MHI0.8.2-1995.

D. Definitions.

- (1) Bar Code Symbol - An array of rectangular marks and spaces in a predetermined pattern. A bar code symbol contains a leading quiet zone, start character, data characters, stop character, and a trailing quiet zone.
- (2) Element - A generic term used to refer to either a bar or a space.
- (3) Intercharacter Gap - The space between the last element of one character and the first element of the adjacent character of a discrete bar code.
- (4) Label - A strip of paper, card, etc., marked and attached to an object to indicate its contents, ownership, and destination.
- (5) Quiet Zone - The area immediately preceding the start character and following the stop character and which contains no markings.
- (6) Shipment - An incremental delivery of one Part Number, Purchase Order (PO) and item number.
- (7) Data Identifier - One or more standard characters preceding the data in a bar code.

E. Label Characteristics.

- (1) The label must contain a minimum of five (5) rows of bar coded data. The upper left quadrant will contain the Seller's name and address who shipped the package, total weight of the PO Item being shipped, and the address where the package is to be delivered as referenced on the PO. The entire label with other associated Data Elements required is shown in Figure 1, below.
- (2) Minimum label height must be 4.0 inches (102mm) with horizontal lines (rows), spaced 0.5 inch (13mm) to 0.94 inches (24mm) apart, that extend the full width of the label. The actual height of the rows is determined by Seller, or printer of the label, based on printer technology.
- (3) Minimum label width will be 6.0 inches (153mm). Seller, or printer of the label, determines the width based on the amount of data to be encoded and the density capabilities of the equipment to be used for printing the labels.
- (4) Labels must contain black lines and lettering with a white background.

F. Human Readable Characteristics.

- (1) The label's top row will contain only full width human readable print. Vertical and horizontal lines separating information are optional.
- (2) Table 1 below describes the bar code human readable characteristics and minimum height of the characters.
- (3) The data encoded in the bar code symbol must be defined in human readable characters at a minimum height of 0.01 inch (0.25mm) above the bar code symbol and left justified. The human readable print will not include the data identifier or the start/stop characters, and will start 0.0625 inches (1.588mm) from the left edge.


G. Bar Code Characteristics. All bar codes shall be left justified in the lower half of the row and only one bar code is permitted per row. The height of all bar codes shall be a minimum of 0.5 inch (12.75mm).

H. Significant and Non-Significant Zeros.

- (1) Significant leading/trailing zeros are those which are part of a PO number, part number, item number or shipping document number and must be included when the bar code and/or human readable characters are printed.
- (2) Non-significant leading zeros in the data string must be suppressed when the bar code and/or human readable characters are printed.

- (3) Trailing blanks on part numbers and shipping document numbers are suppressed on the bar code and at no time shall spaces be included in the bar coded data.
- I. Title. A title will be left justified and printed in the upper half of the row. The title specifies the data type (e.g., Packing List Number).
- J. Data Identifiers. Data identifiers correspond to a specific title enumerated on the PO which is per ANSI MH10.8.2 - 1995. Data identifiers shall be used in all bar codes. Data identifiers will be added in human readable form directly below each title. Table 2 below provides data identifiers which must be included on all shipping labels.
- K. Definition of Descriptions. The following must be included on all shipping labels:
- (1) The Prefix, PO and Item number which shall consist of a three digit numeric prefix, six digit PO and three digit item number in one bar code. Prefix, PO and Item number shall be as listed on the Northrop Grumman PO. PO suffix shall not be bar coded. Illustration 1 below may be used as a guide in locating the required information on Buyer's PO. Total length is fourteen characters with no zero suppression. The composition of the Prefix, PO, and Item number is as follows:

**123-123456-001**

  
Prefix   PO Number   Item No.

**Examples:   117-912854-008**  
**114-A68452-023**

**NOTE:** Dashes have a significant meaning and must be bar coded.

- (2) The Part Number shall be the purchased part number which contains a maximum of twenty-four (24) characters. See Illustration 1 below.
- (3) Total quantity and UM. The total quantity (Qty) is a maximum of eight (8) characters and the Unit of Measure (UM) is a maximum of four (4) characters as called out on the PO. The (UM) is displayed in human readable form, but is not bar coded. Table 3 contains standard UM's. See illustration 1 below.
- (4) Packing List No. will contain a maximum of eight (8) characters. If the number exceeds eight characters, only the last eight characters are bar coded on the label.
- (5) No. of Container shall include the container number as well as the total number of containers in the shipment in human readable form; however, only the total number of containers is bar coded (example: bar code for container 1 of 5 would scan NQ5, bar code for container 2 of 5 would scan NQ5, etc.).
- L. Label Location, Shipping Instructions, and Protection. A label shall be located and affixed to the outer surface of each shipping container. (See Figure 2.) A duplicate must be included with the Packing List.
- M. Bar Code Placement.
- (1) Rectangular Packages - The bar code symbol will be located on one side panel. The bar code should be 2.0 inches above the bottom of the container, and the right edge of the bar code label shall be 2.0 inches from the side edge of the container, when possible.
- (2) Curved Surfaces - The bar code shall be placed on the lower quarter of the panel, located 1.5 inches below the top edge of the package.

- (3) Irregular Shapes - For irregularly shaped containers and bundles without a visibly suitable surface, a wired tag with the label affixed shall be attached so as to be visible from the outside.
- (4) The leading and trailing edge of the quiet zone must be at least 0.75 inch (19mm) away from all edges of the container or wired tag.
- (5) When shipping more than one container per PO, the bar code label shall be applied to all containers. For example, if one order consists of three (3) boxes (all same part number), the containers are bar code labeled "1 of 3," "2 of 3" and "3 of 3" in Human Readable characteristics in the container number field. The bar code contains only the total quantity of all three (3) boxes.
- (6) Multiple PO's consolidated into one shipping container must be individually packaged and properly identified and bar coded. Each line item, whether from the same or different PO's, must be packaged separately and properly identified. If containers are too small for bar coding, labels may be affixed to the outside of the shipping container. A duplicate label shall be attached to the Packing List. One line item per Packing List.
- (7) Labels will be protected against moisture, weathering, abrasion or other harsh environments. Clear plastic tapes, window envelopes, and clear plastic pouches are examples of acceptable protection methods.
- (8) Labels shall be applied wrinkle-free.






**N. Scanning.**

- (1) A Visible Light Scanner will be used. The scanner is designed to read medium density bar codes.
- (2) For optimum scanning, the leading and trailing quiet zone margin (bar code symbol to vertical box lines) will be a minimum of 0.25 inch (6.4mm).

SELLER;		<b>NORTHROP GRUMMAN</b>		INTEGRATED SYSTEM AND AEROSTRUCTURES SECTOR		PAGE		<b>Prefix &amp; PO No.</b>				
<div style="border: 2px solid black; padding: 5px; transform: rotate(-30deg); display: inline-block;"><b>REPRESENTATIVE SAMPLE</b></div>		<b>PURCHASE ORDER</b>				DATE		PURCHASE ORDER NO. <b>123-123456AB</b>				
		SHIP TO		SHIP VIA		F.O.B.		INSPECTION		A/C		
TERMS		PRIORITY RATING	THIS PURCHASE ORDER CONFIRMS	RETURN ACCEPTANCE COPY TO BUYER ADDRESS AT;		NOTE;		SELLER NO.	B U S	PO TYP;	S/C	BUYER CODE
ITEM	PART NO.	DESCRIPTION		D C	QUANTITY	UM	SHIP SCHED	UNIT PRICE	ITEM TOTAL			
001	3355962-322AF				60	EACH						
<i>Item No.</i>		<i>Part No.</i>			<i>Quantity</i>		<i>Unit of Measure</i>					

**ILLUSTRATION 1. SAMPLE NORTHROP GRUMMAN CORP PURCHASE ORDER**



From:   TOTAL WT. <b>50 LB</b>  Ship To: <b>Northrop Grumman</b> Integrated Systems and Aerostructures 9314 W. Jefferson Blvd. Dallas, Tx 75211	No. of Containers NQ <b>1 OF 5</b> 
	Packing List No. 2K <b>12345678</b> 
	Total Qty UM 7Q <b>60 EACH</b> 
Prefix-PO-Item No. K <b>123-123456-001</b> 	
Part No. P <b>3355962-322AF</b> 	

**Figure 1. Example of Northrop Grumman Corporation - Bar Code Label**

<u>DATA IDENTIFIER</u>	<u>DESCRIPTION</u>	<u>HEIGHT</u>
	Ship To: Company and Address as Specified on PO	0.1875 inch (4.78mm)
NQ	No. Of Container	0.1875 inch (4.78mm)
2K	Packing List No.	0.1875 inch (4.78mm)
7Q	Total Qty UM	0.1875 inch (4.78mm)
K	Prefix-PO-Item Number	0.250 inch (6.37mm)
P	Part No.	0.250 inch (6.37mm)

**TABLE 1. BAR CODE HUMAN READABLE CHARACTERISTICS**

<b>Data</b>			
<b>Identifier</b>	<b>Block Title</b>	<b>Description</b>	<b>Characteristics</b>
	<b>From:</b>	<b>"From" Seller's Address</b>	<b>Variable Length</b>
	<b>Ship To:</b>	<b>Purchase Order "Ship To" Address</b>	<b>Variable Length</b>
<b>NQ</b>	<b>No. Of Container</b>	<b>Container Number and Total Number of Containers (e.g. 1 of 5)</b>	<b>3 Character Numeric - Variable</b>
<b>2K</b>	<b>Packing List No.</b>	<b>Packing List Number</b>	<b>8 Characters Alpha Numeric - Variable</b>
<b>7Q</b>	<b>Total Qty UM</b>	<b>Ship Quantity Unit of Measure</b>	<b>8 Characters Numeric - Variable</b> <b>4 Characters Alpha- Fixed</b>
<b>K</b>	<b>Prefix-PO-Item</b>	<b>Prefix Purchase Order Number</b>  <b>Item Number</b>	<b>3 Character Numeric - Fixed</b> <b>6 Characters Numeric/Alpha Numeric-Fixed</b> <b>3 Characters Numeric - Fixed</b>
<b>P</b>	<b>Part No.</b>	<b>Part Number</b>	<b>24 Characters Alpha Numeric - Variable</b>

**TABLE 2. DATA IDENTIFIERS**

**15. DIRECT SHIPMENT FROM SELLER TO THE GOVERNMENT**

- A. Seller shall preserve and package all Items in accordance with requirements specified in the contract including coded packaging data and Special Packaging Instructions (SPT's), as applicable.
- B. Unless otherwise specified, Seller shall preserve and package all Products for system spares, all Products for overseas shipments, and all class 3110 anti-friction bearings in accordance with military level of preservation criteria. All other Items shall be preserved and packaged in accordance with ASTM-D3951 criteria.
- C. Seller shall pack all Items for shipment in accordance with requirements specified in the contract. Exterior shipping containers shall comply with the level of pack required. Unless otherwise specified, the required packing levels are as follows:
  - (1) Domestic shipments - None (refer to ASTM-D3951)
  - (2) Overseas Shipments:
    - (a) Via air, FPO, APO - Level B
    - (b) Via freight forwarder - Level B
    - (c) Via surface - Level A
- D. Unless otherwise specified, Seller shall mark all unit containers, intermediate containers and shipping containers in accordance with MIL-STD-129.

<u>Unit of Measure</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Description</u>
BD	BOARD FOOT	LOT	LOT
BDFT	BOARD FOOT	LOTS	LOT (MULTI)
BN	BUNDLE	LY	LINEAR YARD
BO	BOLT	LYRS	LINEAR YARD
BOLT	BOLT	NU	NUT
BR	BARREL	NUTS	NUT
BRRL	BARREL	OZ	OUNCE
BX	BOXES	OZS	OUNCES
BXES	BOXES	PA	PAD
CO	COIL	PADS	PAD
COIL	COIL	PI	PINT
CR	CARBOY	PINT	PINT
CRBY	CARBOY	PK	PACKAGE
CS	CASE	PKGS	PACKAGE
CSES	CASE	PL	PAIL
CT	CARTON	PLS	PAILS
CTON	CARTON	PR	PAIR
DR	DRUM	PRS	PAIR
DRUM	DRUM	QR	QUIRE
DZ	DOZEN	QRES	QUIRE
DZEN	DOZEN	QT	QUART
EA	EACH	QTS	QUART
EACH	EACH	RE	REAM
FE	FEET	REAM	REAM
FEET	FEET	RO	ROLL
GL	GALLON	ROLL	ROLL
GLLN	GALLON	SE	SET
GR	GROSS	SETS	SET
GROS	GROSS	SF	SQ. FOOT
HA	HANK	SFET	SQ. FOOT
HANK	HANK	SH	SHEET
IN	INCH	SHTS	SHEET
INS	INCH	SI	SQ. INCH
KE	KEG	SINS	SQ. INCH
KEGS	KEG	SP	SPOOL
KI	KIT	SPLS	SPOOL
KITS	KIT	SY	SQ. YARD
LB	POUND	SYRES	SQ. YARD
LBS	POUND	TN	TON
LG	LENGTH	TNS	TON
LGTS	LENGTH	TR	TROY OUNCE
LM	LINEAR METER	TROZ	TROY OUNCE
LMET	LINEAR METER	UN	UNIT
LO	LOT	UNIT	UNIT

**TABLE 3. STANDARD UNITS OF MEASURE**

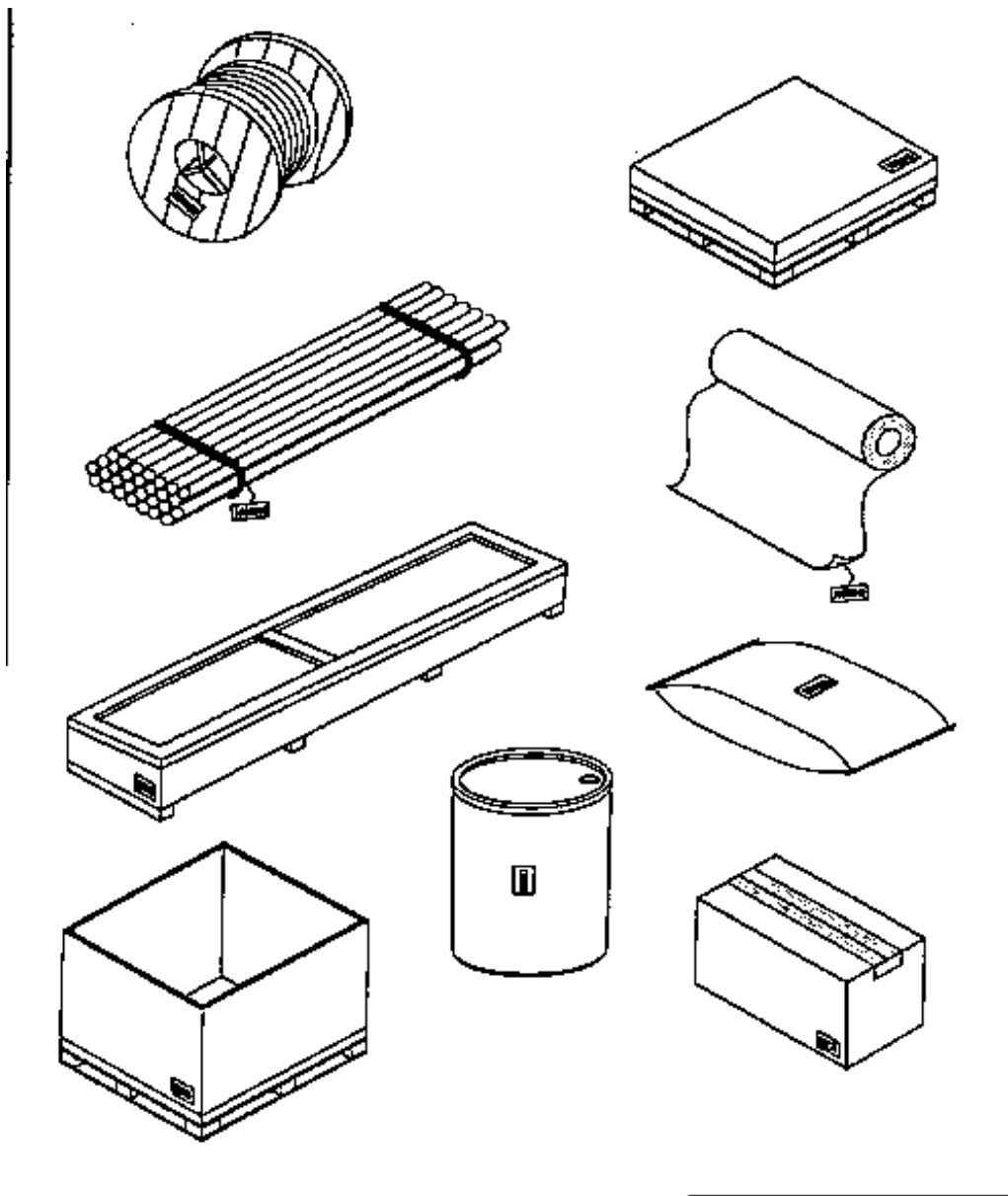


FIGURE 2. BAR CODE PLACEMENT