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FAST PACK CONTAINERS (U) ARMY MATERIEL COMMAND FORT MONMOUTH
PA PACKAGING STORAGE AND CONTAINERIZATION CENTER 1987

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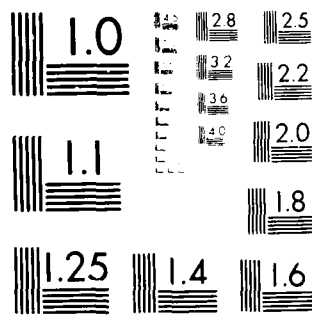
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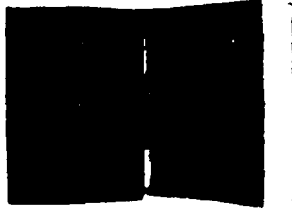
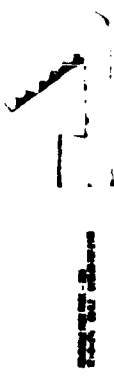
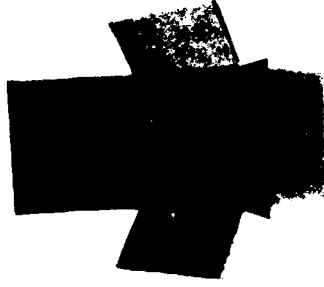
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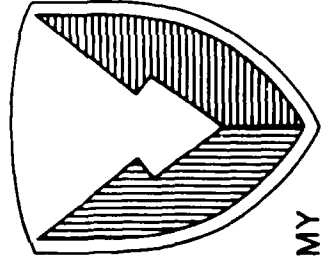
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PREPARED BY:



US ARMY
MATERIEL COMMAND

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PACKAGING, STORAGE, AND CONTAINERIZATION CENTER

TOBYHIANA ARMY DEPOT TOBYHIANA, PENNSYLVANIA 18166-5097

DISTRIBUTION STATEMENT A

Approved for public release
Distribution Unlimited

FAST PACKS

Definition

A family of standard size cushioned short life (10 trip minimum) multiapplication containers whose design permits shipment of a large variety of items within certain limits of size, weight, configuration, fragility, and environmental characteristics.

Applicable Documents

Fast Pack Types

A. PPP-B-1672	Boxes, Shipping, Reusable With Cushioning	Type I - Vertical Star Pack
B. MIL-STD-794	Parts and Equipment, Procedures for Packaging of	Type II - Folding Convoluted Pack
C. MIL-STD-2073-1A	DOD Materiel Procedures for Development and Application of Packaging Requirements	Type III - Telescoping Encapsulated Pack
D. MIL-STD-2073-2A	Packaging Requirement Codes	Type IV - Horizontal Star Pack
E. Ak 746-1	Packaging of Army Materiel for Shipment and Storage	

Point of Contact - Mr. Mike Dawson - AUTOVON 795-7756 or Commercial (717) 894-7756.

INTRODUCTION

The lack of adequate packaging materials at all levels has sometimes resulted in damage to repairable, returnable items in the storage and transportation cycle. This prompted the need for a reusable container which inherently provides the required protection. This requirement is satisfied by the use of fast pack containers which are described in this booklet. Fast pack reusable containers provide the shipper and receiving activity a means of adequately protecting the items throughout their entire cycle; thereby, decreasing the high potential for damage and resultant increased repair costs.

Containers conforming to PPP-B-1672 (fast packs) will be used to the maximum practicable extent for depot shipment of repairable components to using activities. Items which should be shipped in fast pack containers include those which are susceptible to damage in shipment (e.g., delicate or fragile electronics items); however, any item of a size compatible with the containers may be shipped in a fast pack. Field activities (including overseas activities and CONUS posts, camps, and stations) will make maximum use of the containers for return shipment of items to depots or other repair/rebuild facilities.

In addition to a national/NATO stock number, a unique three digit alpha-number code is utilized which is particularly resourceful for requisitioning procedures. This code, which appears as part of the exterior container markings, is designed to provide easy identification regarding the exact physical characteristics of each container. The first character is always an X and immediately identifies the container as a fast pack. The second character describes the specific type of fast pack container and the last character is a numeric code, which transcribed, provides exact dimensional data. Table 1 contains a detailed interpretation of these codes.

This booklet provides fast and easy access to pertinent information for fast packs.

<input checked="" type="checkbox"/>	Yes
<input type="checkbox"/>	No
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A-1	



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TABLE 1

FAST PACK CODE BREAKDOWN						
<u>X</u>	<u>A</u>	<u>5</u>				
THE "X" IDENTIFIES THIS CODE AS A FAST PACK CODE	IDENTIFIES THIS CODE OF FAST PACK	SPECIFIES SIZE OF GIVEN TYPE (SIZE 1 THRU 9)	A TYPE I C&D TYPE II E&F TYPE III G TYPE IV			
<u>TYPE</u>	<u>SIZE</u>	<u>DIMENSIONS IN INCHES</u>	<u>TYPE</u>			
			<u>SIZE</u>			
			<u>DIMENSIONS IN INCHES</u>			
A (TYPE I)	1	6 x 6 x 10	E	1	30 x 16 x 14	
	2	8 x 8 x 12	(TYPE III)	2	32 x 12 x 14	
	3	10 x 10 x 12		3	24 x 14 x 14	
	4	12 x 12 x 14		4	20 x 14 x 9	
	5	12 x 12 x 18		5	25 x 14 x 14	
	6	14 x 14 x 16		6	32 x 18 x 16	
C (TYPE II)	1	6 x 5 x 2½		7	24 x 18 x 16	
	2	6 x 5 x 3½		8	26 x 9 x 9	
	3	9 x 6 x 2½		9	34 x 24 x 18	
	4	9 x 6 x 3½				
	5	12 x 8 x 2½		F	1	30 x 27 x 14
	6	12 x 8 x 3½		(TYPE III)		
	7	18 x 12 x 2½				
	8	18 x 12 x 3½		G	1	20 x 14 x 14
	9	10 x 10 x 3½		(TYPE IV)	2	22 x 16 x 16
D (TYPE II)	1	13 x 13 x 3½				
	2	16 x 16 x 3½				
	3	24 x 16 x 3½				

TYPE I, STYLE A, VERTICAL STAR

Description - Type I consists of a polyurethane foam cushion insert with a diecut, star-shaped, vertical cavity and top and bottom pads of the same material assembled in the container. Items packaged in this star pack type are inserted (loaded) into the cavity from the top of the container prior to placing the top pad in place.

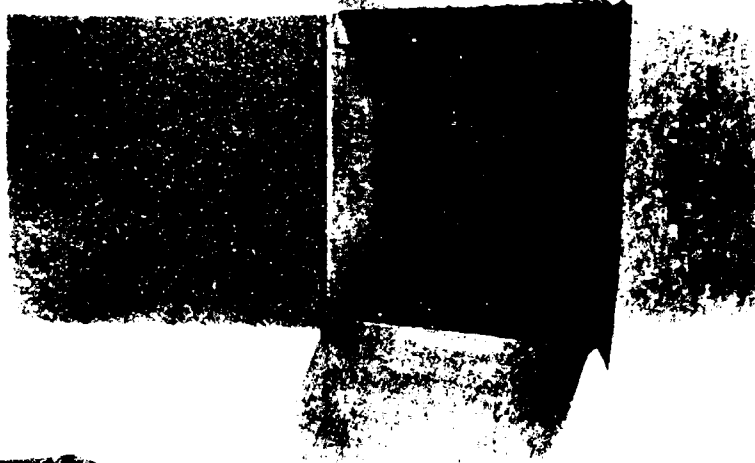
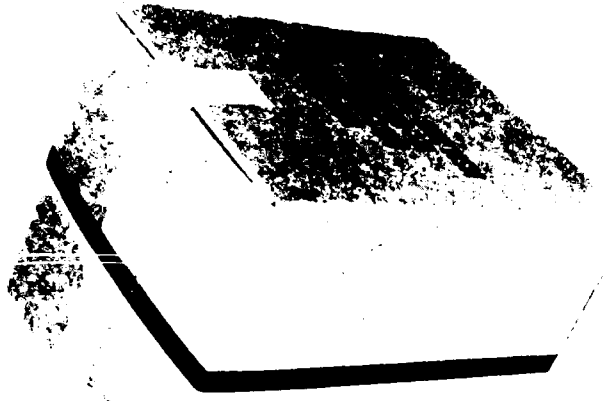
Intended Use - For packaging fragile items, either rectangular or cylindrical in shape such as meters, gauges, attitude, and airspeed indicators (not intended for ESDS items).

See Table 2 - For NSN, Pack Code, ID sizes, optimum weights, recommended item dimensions, and item weight range in relation to protection afforded (Gs), preservation methods, codes, and desiccant units required average bag sizes, unit pack cube, and tare weights.

Closure - One strip of 2-inch wide tape conforming to PPP-T-45, Type II, Class I, or PPP-T-60, Type III, Class I, centered on the top seam with a 3-inch return on each end panel.

Reinforcing - When required because of weight and/or size, reinforcement will be provided by the application of PPP-T-97 Tape, Type II, Class B, three-fourths of an inch wide in accordance with reinforcing procedures in appendix of PPP-B-636.

Opening - Do not remove tape to open. Using a shallow blade knife, cut tape along seams. For reuse, tape over existing tape.



TYPE I, STYLE A, VERTICAL STAR

TABLE 2

PPP-B-1672, TYPE I, VERTICAL STAR, MIL STD-2073-2, CODE NR

NSN PACK CODE CONTAINER SIZE ID (IN)	OPTIMUM WT (LB)	*RECOMMENDED MAX BARE ITEM DIM (IN)	ITEM WT RANGE (LB)	MAX SHOCK (Gs) TRANSMITTED TO ITEM	PRES METH	DESC CODE	AVG BAG SIZE (IN)	UNIT PK: CU (CU FT)	TARE WT (LB)
8115-00-192-1603 XA1 6 x 6 x 10	2.25	3 Diam x 6	1.0-1.5 1.6-2.25 2.3-3.0 1.5-4.0	30-40 25-29 30-40 30-40	III	10	5 x 10	.252	1.25 1.35 1.35 1.65
8115-00-192-1604 XA2 8 x 8 x 12	5.0	3 x 3 x 8 4 Diam x 8 4 x 4 x 8 5 Diam x 8	1.5-4.0 3.0-7.5 7.6-8.5 3.0-5.0 5.1-7.0 3.5-5.5	30-40 25-29 30-40 25-29 30-40 30-40	III	10	7 x 10	.517	2.25 2.40 2.40 2.70 2.25
8115-00-192-1605 XA3 10 x 10 x 12	6.0	4 Diam x 6 5 Diam x 6 6 Diam x 6 5 x 5 x 6	2.0-3.0 3.1-4.5 4.6-5.0 3.0-6.0 4.5-7.0 4.0-9.0	30-40 25-29 30-40 30-40 30-40 30-40	III	10	9 x 14	.794	3.00 3.20 3.20 3.56 3.00
8115-00-134-3655 XA4 12 x 12 x 14	10.0	5 Diam x 8 6 Diam x 8 5 x 5 x 8	3.5-4.5 4.6-8.5 5.0-7.0 7.1-13.0 3.0-5.0 5.1-7.0 7.1-11.0	25-29 20-24 25-29 20-24 30-40 25-29 20-24	III	10	12 x 16	1.307	4.80 5.10 5.10 5.67 4.80

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.

TABLE 2

PPP-B-1672, TYPE I, VERTICAL STAR, MIL-STD-2073-2, CODE NR													
MSN PACK CODE CONTAINER SIZE ID (IN)	OPTIMUM WT (LB)	*RECOMMENDED MAX BARE ITEM DIM (IN)	ITEM WT RANGE (LB)	MAX SHOCK (Gs) TRANSMITTED TO ITEM	PRES METH	DESC CODE	AVG BAG SIZE (IN)	UNIT PK CU (CU FT)	TARE WT (LB)				
										UNITS	SIZE (IN)	CU (CU FT)	WT (LB)
8115-00-134-3655 XA4 12 x 12 x 14	6 x 6 x 8	5.0-7.0 7.1-10.0 10.1-12.0	30-40	25-29	III	10	00	12 x 18	1.661	5.00			
			25-29	20-24	ICI	2E	00			5.27			
			20-24	25-29	IA8	36	00				5.27		
8115-00-050-5237 XA5 12 x 12 x 18	5 Diam x 10	4.0-5.0 5.1-11.0 6.0-8.0 8.1-16.0 4.0-6.0 6.1-8.0 8.1-13.0 8.0-10.0 16.1-14.0 14.1-20.0	30-40	25-29	III	10	00	12 x 18	1.661	5.00			
			25-29	20-24	ICI	2E	00				5.27		
			20-24	25-29	IA8	36	00				5.27		
			25-29	20-24	IIC	46	8				5.87		
			30-40	30-40	I	11	00				5.00		
			25-29	25-29									
			20-24	20-24									
			30-40	30-40									
			25-29	25-29									
			20-24	20-24									
8115-00-134-3656 XA6 14 x 14 x 16	6 Diam x 10 7 Diam x 10	6.0-15.0 8.0-14.0 14.1-17.0 17.1-20.0 5.0-7.0 7.1-9.0 9.1-12.0 6.5-9.0 9.1-12.0 12.1-21.0 21.1-23.0	25-29	25-29	III	10	00	14 x 20	2.003	7.15			
			20-24	20-24	ICI	2E	00				7.50		
			24-29	24-29	IA8	36	00				7.50		
			30-40	30-40	IIC	46	8				8.20		
			30-40	30-40	I	11	00				7.15		
			24-29	24-29									
			20-24	20-24									
			30-40	30-40									
			25-29	25-29									
			20-24	20-24									

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.

TYPE II, STYLE B, FOLDING CONVOLUTED

Description - Type II consists of folding convoluted polyurethane foam cushion bonded to container board. Although the cushioning provides protection against shock, it essentially holds the item in place by precompression of the convoluted tips. The cushioning material of this pack is antistatic, as tested in accordance with Federal Test Method 101, Method 404c.

Intended Use - For circuit boards and electronic modules. It is also used for packing glass envelope electronic tubes or other items whose depth does not exceed the limits shown in table 3. This is the only approved fast pack for ESDS items.

See Table 3 - For NSN, Pack Code, ID sizes, optimum weights, recommended item dimensions, preservation methods, codes, and desiccant units required average bag sizes, unit pack cube, and tare weights.

Closure - One strip of PPP-T-97 Tape, Type II, Class B, three-fourths of an inch wide over center with 2-inch return on top and bottom. DO NOT TAPE OVER "PUSH OPEN."

Reinforcing - None required.

Opening - Do not remove tape to open. Using a shallow blade knife, cut tape along seams. For reuse, tape over existing tape.



RELIABLE FIRST PACK - X25
25-0-25
CU 02 8115-00-787-2146

RELIABLE FIRST PACK - X25
25-0-25
CU 02 8115-00-787-2146

TYPE 11, STYLE B, FOLDING CONVOLUTED

TABLE 3

PPP-B-1672, TYPE II, FOLDING CONVOLUTED, MIL-STD-2073-2, CODE NS

NSM	PACK CODE	CONTAINER SIZE ID (IN)	OPTIMUM WT (LB)	*RECOMMENDED MAX BARE ITEM DIM (IN)	ITEM WT RANGE (LB)	MAX SHOCK (Gs) TRANSMITTED TO ITEM	PRES METH	PRES CODE	DESC UNITS	AVG BAG SIZE (IN)	UNIT PK CU (CU FT)	TARE WT (LB)
8115-00-787-2142	XC1	6 x 5 x 2½	0.5	5 x 4½ x 1¼		NOTE: Since dynamic cushioning values have not been assigned to these packs, do not use for fragile items.	III	10	00	6 x 8	.064	.25
							ICI	2E	00			.30
							IAB	36	00			.30
							IIC	46	3			.60
							I	11	00			.25
8115-00-787-2147	XC2	6 x 5 x 3½	1.0	5 x 4½ x 2¼			III	10	00	7 x 10	.084	.37
							ICI	2E	00			.42
							IAB	36	00			.42
							IIC	46	3			.72
							I	11	00			.37
8115-00-101-7647	XC3	9 x 6 x 2½	0.9	8 x 5½ x 1¼			III	10	00	7 x 10	.112	.60
							ICI	2E	00			.68
							IAB	36	00			.68
							IIC	46	4			.98
							I	11	00			.60
8115-00-101-7638	XC4	9 x 6 x 3½	1.8	8 x 5½ x 2¼			III	10	00	8 x 12	.146	.65
							ICI	2E	00			.73
							IAB	36	00			.73
							IIC	46	4			1.03
							I	11	00			.65
8115-00-787-2146	XC5		1.8	11 x 7½ x 1¼			III	10	00	9 x 14	.194	.65
							ICI	2E	00			.75

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.

TABLE 3

PPP-B-1672, TYPE II, FOLDING CONVOLUTED, MIL-STD-2073-2, CODE NS

NSN PACK CODE CONTAINER SIZE ID (IN)	*RECOMMENDED		MAX SHOCK (Gs)		PRES METH	DESC CODE	AVG BAG SIZE (IN)	UNIT PK CU (CU FT)	TARE WT (LB)
	OPTIMUM WT (LB)	MAX BARE ITEM DIM (IN)	ITEM WT RANGE (LB)	TRANSMITTED TO ITEM					
8115-00-787-2146 XC5 12 x 8 x 2½					IAB IIC I	36 46 11	00 5 00		.75 1.00 .65
NOTE: Since dynamic cushioning values have not been assigned to these packs, do not use for fragile items.									
8115-00-787-2148 XC6 12 x 8 x 3½	3.6	11 x 7½ x 2½			III ICI IAB IIC I	10 10 36 46 11	00 00 00 6 00	10 x 16 .254	.75 .86 .86 1.36 .75
8115-01-019-4085 XC7 18 x 12 x 2½	4.3	17 x 11½ x 1½			III ICI IAB IIC I	10 2E 36 46 11	00 00 00 7 00	13 x 22 .427	2.4 2.75 2.75 3.9 2.4
8115-01-019-4084 XC8 18 x 12 x 3½	8.6	17 x 11½ x 2½			III ICI IAB IIC I	10 2E 36 46 11	00 00 00 8 00	14 x 24 .559	2.60 2.92 2.92 4.12 2.60
8115-01-057-1244 XC9	3.75	9 x 9 x 2½			III ICI	10 2E	00 00	13 x 15 .264	1.00 1.15

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.

TABLE 3

PPP-B-1672, TYPE II, FOLDING CONVOLUTED, MIL-STD-20/3-2, CODE NS											
NSN PACK CODE CONTAINER SIZE ID (IN)	OPTIMUM WT (LB)	*RECOMMENDED MAX BARE ITEM DIM (IN)	ITEM WT RANGE (LB)	MAX SHOCK (Gs) TRANSMITTED TO ITEM	PRES METH	PRES CODE	DESC UNITS	AVG BAG SIZE (IN)	UNIT PK CU (CU FT)	TARE WT (LB)	
8115-01-05/-1244 XC9 10 x 10 x 3½					IAB	3G	00			1.15	
					IIC	4G	6			2.10	
					I	11	00			1.00	
NOTE: Since dynamic cushioning values have not been assigned to these packs, do not use for fragile items.											
8115-01-05/-1243 XD1 13 x 13 x 3½	6.3	12 x 12 x 2¼			III	10	00	16 x 18	.439	1.85	
					ICI	2E	00			2.00	
					IAB	3G	00			2.00	
					IIC	4G	7			3.10	
				I	11	00				1.85	
8115-01-05/-1245 XD2 16 x 16 x 3½	9.6	15 x 15 x 2¼			III	10	00	18 x 22	.659	3.00	
					ICI	2E	00			3.40	
					IAB	3G	00			3.40	
					IIC	4G	8			4.50	
					I	11	00			3.00	
8115-01-093-3730 XD3 24 x 16 x 3½	14.4	23 x 15 x 2¼			III	10	00	22 x 32	.981	3.45	
					ICI	2E	00			4.00	
					IAB	3G	00			4.00	
					IIC	4G	12			5.00	
					I	11	00			3.45	

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.

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TYPE III, CLASS D, TRANSDUCERED ENCAPSULATED

Description - Type III consists of a telescoping container with bonded convoluted (some end and side pans are flat sheet stock) polyurethane foam cushioning which forms an oblong cavity.

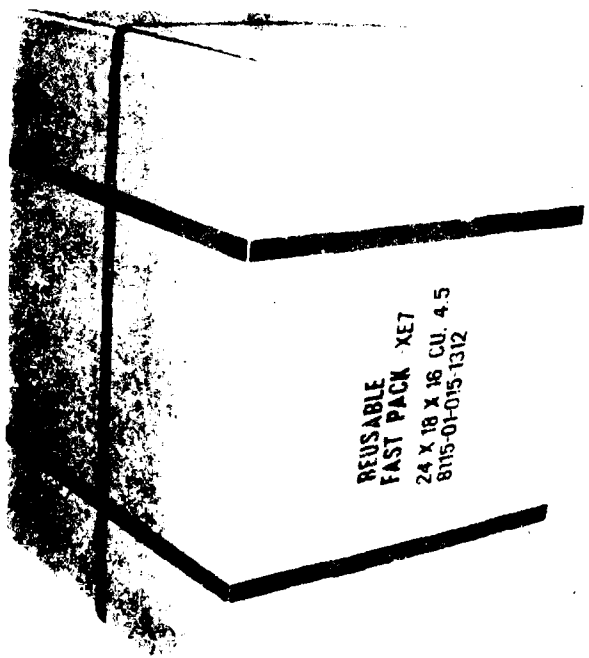
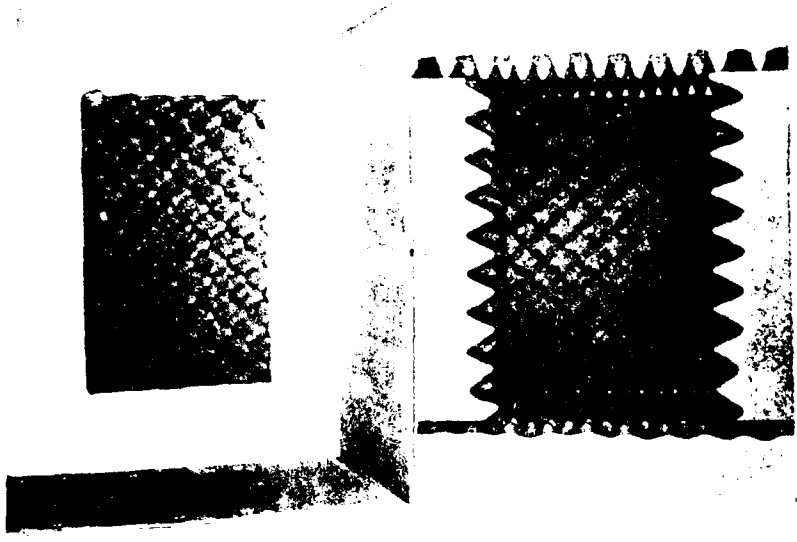
Intended use - used to pack equipment such as receiver-transmitters, amplifiers, power supply units, and electronic indicators (not intended for ESD items).

See Table 4 - For box, pack code, box sizes, optimum weights, recommended item dimensions, and item weight range in relation to protection afforded (Gs), preservation methods, codes, and resistant units required average bag sizes, unit pack cube, and tare weights.

Closure - One strip of RIF-1-97 tape, Type II, Class B, three-fourths of an inch wide, applied girthwise, 6 inches from each end. For boxes over 14 inches wide, apply one additional strip lengthwise, centered over the top, bottom, and ends.

Reinforcing - None required.

Opening - Do not remove tape to open. Using a shallow blade knife, cut along seams. For reuse, tape over existing tape.



TYPE 111, STYLE G, TELESCOPIC ENCAPSULATED

TABLE 4

PPP-B-1672, TYPE III, TELESCOPING ENCAPSULATED, MIL-STD-2073-2, CODE NV

NSN PACK CODE CONTAINER SIZE ID (IN)	OPTIMUM WT (LB)	*RECO: (ENDED) MAX BARE ITEM DIM (IN)	ITEM WT RANGE (LB)	MAX SHOCK (Gs) TRANSMITTED TO ITEM	PRES METH	PRES CODE	DESC UNITS	AVG BAG SIZE (IN)	UNIT PK CU (CU FT)	TARE WT (LB)
8115-00-516-0242 XE1 30 x 16 x 14	45.0	24 x 11 x 9	28-48 49-54	30-39 40-50	III ICI	10 2E	00 00	20 x 34	4.245	13.0 14.0 14.0 15.0 14.0
8115-00-519-1825 XE2 32 x 12 x 14	30.0	26 x 6 x 8	12-20 20-29 30-33	30-39 25-29 40-50	III ICI	10 2E	00 00	16 x 36	3.419	11.0 11.25 11.25 12.5 11.25
8115-00-550-3558 XE3 24 x 14 x 14	25.0	18 x 8 x 8	13-16 17-38	30-39 25-29	III ICI	10 2E	00 00	18 x 28	2.990	9.0 9.5 9.5 11.0 9.5
8115-00-516-0751 XE4 20 x 14 x 9	6.0	16 x 10 x 5	6-7 7-8	30-39 40-50	III ICI	10 2E	00 00	15 x 23	1.652	4.1 4.25 4.25 4.75 4.25
8115-00-550-3574 XE5	15.0	13 x 7 x 7	7-14 15-16	20-24 30-39	III ICI	10 2E	00 00	14 x 23	3.113	11.0 11.5

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.

TABLE 4

PPP-B-1672, TYPE III, TELESCOPING ENCAPSULATED, MIL-STD-2073-2, CODE NV

NSM PACK CODE CONTAINER SIZE ID (IN)	*RECOMMENDED		ITEM WT RANGE (LB)	MAX SHOCK (Gs) TRANSMITTED TO ITEM	PRES METH	DESC CODE	UNITS	AVG BAG SIZE (IN)	UNIT PK CU (CU FT)	TARE WT (LB)
	OPTIMUM WT (LB)	MAX BARE ITEM DIM (IN)								
8115-00-550-3574 XE5 25 x 14 x 14		17-19	40-50	IAB 36 00 IIC 46 12 I 11 00				24 x 36	5.766	11.5 12.5 11.5
8115-01-015-1315 XE6 32 x 18 x 16	80.0	24 x 13 x 11	20-24	III 10 00 ICI 2E 00 IAB 36 00 IIC 46 24 I 11 00						22.0 22.5 22.5 24.0 22.5
8115-01-015-1312 XE7 24 x 18 x 16	50.0	18 x 13 x 11	25-29 30-39 40-50	III 10 00 ICI 2E 00 IAB 36 00 IIC 46 24 I 11 00				23 x 29	4.341	14.0 14.5 14.5 16.0 14.5
8115-01-015-1313 XE8 26 x 9 x 9	20.0	20 x 5 x 5	50.0	III 10 00 ICI 2E 00 IAB 36 00 IIC 46 12 I 11 00				12 x 28	1.395	5.5 6.0 6.0 6.5 6.0
8115-01-015-1314 XE9 34 x 24 x 18	90.0	25 x 18 x 12	35.0	III 10 00 ICI 2E 00 IAB 36 00 IIC 46 36 I 11 00				33 x 40	9.091	34.0 35.0 35.0 37.5 35.0

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.

TABLE 4

PPP B 1672, TYPE III, TELESCOPING ENCAPSULATED, MIL STD-2073 2, CODE NV

NSN	PACK CODE	CONTAINER SIZE ID (IN)	*RECOMMENDED		ITEM WT	MAX SHOCK (Gs)	PRES METH	PRES CODE	DESC UNITS	AVG BAG SIZE (IN)	UNIT PK CU (CU FT)	TARE WT (LB)
			OPTIMUM WT (LB)	MAX GARE ITEM DIM (IN)								
8115-01-094-6520			18 x 18 x 5	26-45	21-28	111 10	00	33 x 36	7.097	18.0		
XF1				46-50	23-30	ICI 2E	00			20.0		
30 x 27 x 14						IA8 36	00			20.0		
						IIC 46	26			22.0		
						I 11	00			18.0		

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.

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RECOMMENDED PRACTICES FOR PACKAGING

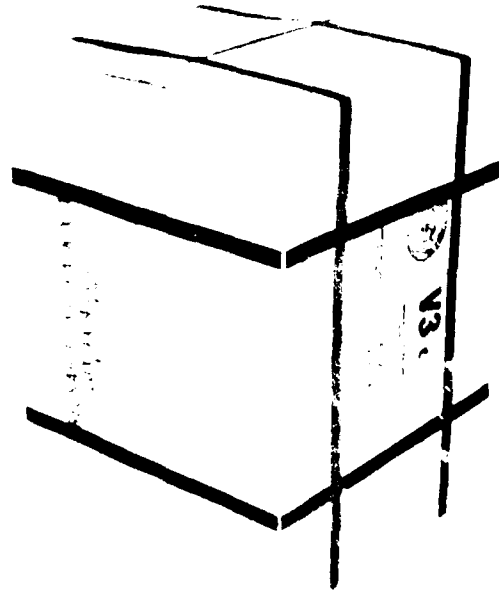
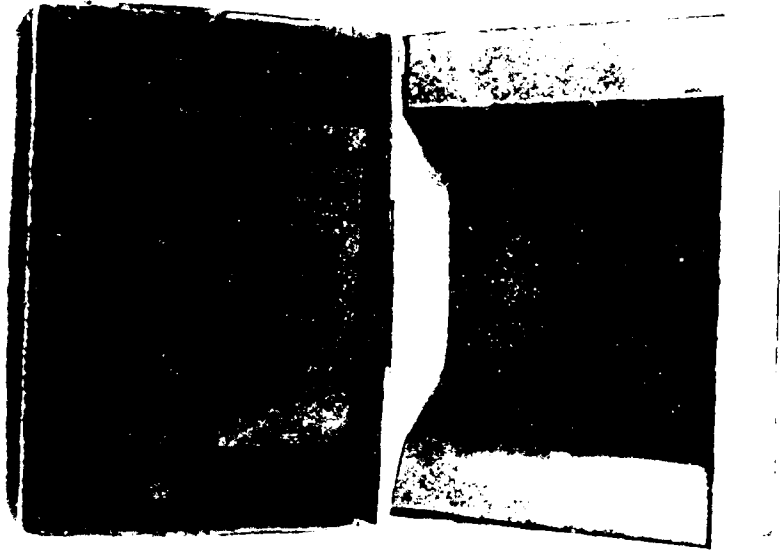
General - Items should be packed in a sturdy, well-ventilated polyethylene foam insert, which should be placed in a sturdy, well-ventilated container. The container should be sealed in place in a dry, clean, cool, and well-ventilated area. The container should be marked to indicate the date of packing and the name of the packer. The container should be marked to indicate the approximate dimensions and length to be used for shipping. The container should be marked to indicate the approximate weight of the contents.

Temperature - Items should be packed in a sturdy, well-ventilated polyethylene foam insert, which should be placed in a sturdy, well-ventilated container. The container should be sealed in place in a dry, clean, cool, and well-ventilated area. The container should be marked to indicate the date of packing and the name of the packer. The container should be marked to indicate the approximate dimensions and length to be used for shipping. The container should be marked to indicate the approximate weight of the contents.

Humidity - Items should be packed in a sturdy, well-ventilated polyethylene foam insert, which should be placed in a sturdy, well-ventilated container. The container should be sealed in place in a dry, clean, cool, and well-ventilated area. The container should be marked to indicate the date of packing and the name of the packer. The container should be marked to indicate the approximate dimensions and length to be used for shipping. The container should be marked to indicate the approximate weight of the contents.

Light - Items should be packed in a sturdy, well-ventilated polyethylene foam insert, which should be placed in a sturdy, well-ventilated container. The container should be sealed in place in a dry, clean, cool, and well-ventilated area. The container should be marked to indicate the date of packing and the name of the packer. The container should be marked to indicate the approximate dimensions and length to be used for shipping. The container should be marked to indicate the approximate weight of the contents.

Shipping - Items should be packed in a sturdy, well-ventilated polyethylene foam insert, which should be placed in a sturdy, well-ventilated container. The container should be sealed in place in a dry, clean, cool, and well-ventilated area. The container should be marked to indicate the date of packing and the name of the packer. The container should be marked to indicate the approximate dimensions and length to be used for shipping. The container should be marked to indicate the approximate weight of the contents.



TYPE IV, STYLE B, HORIZONTAL, STAR

TABLE 5

PPP-B-1672, TYPE IV, HORIZONTAL STAR, MIL-STD-2073-2, CODE NW													
NSM PACK CODE CONTAINER SIZE ID (IN)	OPTIMUM WT (LB)	*RECOMMENDED MAX BARE		ITEM WT RANGE (LB)	MAX SHOCK (Gs) TRANSMITTED TO ITEM	PRES METH	PRES CODE	DESC UNIT	AVG BAG SIZE (IN)	UNIT PK CU (CU FT)	TARE WT (LB)		
		ITEM DIM (IN)	ITEM WT RANGE (LB)										
8115-01-010-8956	15.0	14 x 5 3/8 x 5 3/8	6-14	25-29	III	10	00	00	14 x 24	2.500	8.25		
X61			15-18	30-39	ICI	2E	00	00			8.4		
20 x 14 x 14		14 x 7 x 7	10-14	40-50	IAB	36	00	00			8.4		
			15-19	30-39	IIC	46	12	12			9.1		
			20-23	20-24	I	11	00	00			8.25		
			24-26	25-29									
			27-29	30-39									
				40-50									
8115-01-006-7257	24	16 x 6 3/8 x 6 3/8	8-20	25-29	III	10	00	00	16 x 26	3.551	8.8		
X62			21-27	30-39	ICI	2E	00	00			9.0		
22 x 16 x 16		16 x 7 1/4 x 7 1/4	11-16	40-50	IAB	36	00	00			9.0		
			17-21	25-29	IIC	46	12	12			9.1		
			22-24	20-24	I	11	00	00			8.8		
			21-27	25-29									
			28-31	30-39									
				40-50									

* Item dimensions exceeding the maximum will precompress the cushioning more and increase the shock input.



CORRECT PROCEDURE FOR OPENING

3. Material of Electrostatic Discharge (ESD) Sensitive

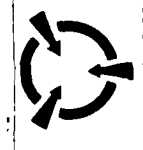
The material of electrostatic discharge (ESD) sensitive is in form of packaging combined with the ability to protect the material from the effects of static electricity. The material of electrostatic discharge (ESD) sensitive is in form of packaging combined with the ability to protect the material from the effects of static electricity. The material of electrostatic discharge (ESD) sensitive is in form of packaging combined with the ability to protect the material from the effects of static electricity.

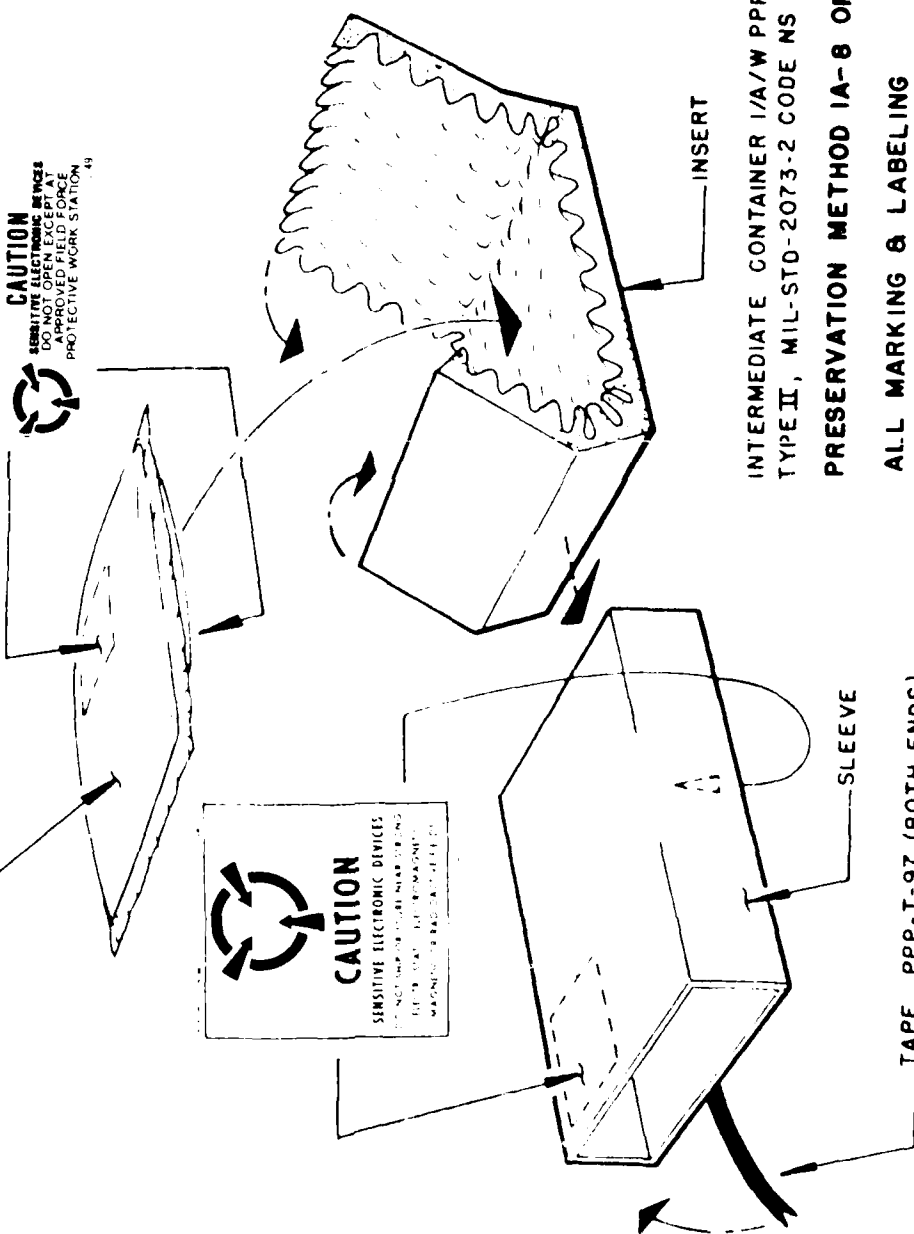
The material of electrostatic discharge (ESD) sensitive is in form of packaging combined with the ability to protect the material from the effects of static electricity. The material of electrostatic discharge (ESD) sensitive is in form of packaging combined with the ability to protect the material from the effects of static electricity. The material of electrostatic discharge (ESD) sensitive is in form of packaging combined with the ability to protect the material from the effects of static electricity.

Note. Material of electrostatic discharge (ESD) sensitive is not antistatic in nature, although it does protect from water, water vapor, and effects of external electrostatic charges. DO NOT USE Type I material alone for ESD protection.

ITEM CUSHIONED AND WRAPPED AND PLACED IN A BAG
CONFORMING TO MIL-B-117, TYPE I, CL F, STYLE I AND SEAL


CAUTION
SENSITIVE ELECTRONIC DEVICES
DO NOT OPEN EXCEPT AT
APPROVED FIELD FORCE
PROTECTIVE WORK STATION


CAUTION
SENSITIVE ELECTRONIC DEVICES
DO NOT OPEN EXCEPT AT
APPROVED FIELD FORCE
PROTECTIVE WORK STATION



INTERMEDIATE CONTAINER I/A/W PPP-B-1672,
TYPE II, MIL-STD-2073-2 CODE NS

PRESERVATION METHOD IA-8 OF MIL-P-116

ALL MARKING & LABELING
I/A/W MIL-STD-129

TAPE, PPP-T-97 (BOTH ENDS)

FAST PACK CONTAINER AVAILABILITY

General Services Administration (GSA) - Types I through IV fast pack containers are stocked by GSA. DOD and Federal agencies may obtain them from GSA by MILSTRIP and FEDSTRIP procedures. When authorized by the administrative contracting officer and with concurrence of the GSA regional office affected, Government contractors may buy direct from GSA. The Government may also elect to supply these packs to contractors as Government furnished property.

Commercial Sources - Suppliers of fast pack containers are located nationwide. Names of these suppliers are available from the Contract Administration Activity.

Note. Supply authority to order fast pack containers for troop installations is CTA 50-970, Appendix A.

DATE
FILMED
8-8