

NOT APPLICABLE TO INTERPLANT SHIPMENTS (A)

SPECIAL PACKAGING INSTRUCTION(SPI) (A)						NATIONAL STOCK NUMBER 4730-01-392-2173	
NOMENCLATURE DISCONNECT, ARMOR QUICK ASSEMBLY					UI EA	QUP 1	SPI NUMBER (PN) P5-1-1960-10
Cleaning & Drying shall be in accordance with MIL-STD-2073-1							
MILITARY PRESERVATION REQUIREMENT (MIL-STD-2073-1, Method 10)	STEPS	DRAWING OR SPECIFICATION	STYLE	TYPE	GRADE	CLASS	SIZE AND REMARKS (INCHES)
Bag, liner	(B) 1	MIL-DTL-117	2	III		B	4 x 12
Inner container (box)	2	PPP-B-566	II	D		A	3 1/4 x 2 1/4 x 1 5/8
Closure (step 2)	(C) 3	ASTM D5486		V			1 x 2 (2 pcs)
Outer container (bag)	4	MIL-DTL-117	2	III		B	6 x 6
Closure (step 4)	(D) 5						Heat Seal
INTERMEDIATE PACKAGING AND PACKING						MARKING	
<input checked="" type="checkbox"/> In accordance with MIL-STD-2073-1						<input checked="" type="checkbox"/> In accordance with MIL-STD-129	
<input checked="" type="checkbox"/> As specified hereon. Intermediate packaging shall be applied						<input type="checkbox"/> As specified hereon.	
QUALITY PERFORMANCE and TESTING REQUIREMENTS							
<input checked="" type="checkbox"/> In accordance with MIL-STD-2073-1							
<input checked="" type="checkbox"/> As specified hereon. SEE NOTE (E) PAGE 2							
Specifications, standard and drawings listed hereon in effect on date of invitation for bid form a part of this Packaging Instruction. Requirements of MIL-STD-2073-1 and MIL-STD-1916 are part of this packaging instruction. Unless otherwise specified, material will be minimum size IAW MIL-STD-2073-1. Tolerances shall be in accordance with material specifications, unless otherwise specified hereon.							
UNIT PACK LOGISTICS DATA (Approximate unit pack weight and size)							
WEIGHT (POUNDS)		CUBE (CUBIC FEET)		SIZE (EXTERIOR FEET)			
.12 lbs.		.007 cu. ft.		.27 x .19 x .14			
REMARKS/ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.							
<p>(A) - This SPI is not applicable for Interplant or commercial shipments. Packaging and marking for interplant shipment is for supplies and materials that do not directly enter the military supply system. Typical interplant shipments are shipments from a vendor to a subcontractor or a prime contractor, or between contractors and subcontractors, or from a vendor or contractor to a military arsenal, plant, or other activity for evaluation, immediate use, or further processing as specified in the applicable contract.</p> <p>(B) - Insert part, lengthwise, into specified liner bag, and fold the excess bag material, formed at the opening of bag, around part so that the part is covered with one complete wrap. Closure shall be accomplished using specified tape. Bag to be constructed of A-A-3174 material, as specified in MIL-DTL-117. Slight scuffing or tearing of the liner bag is permitted during the assembly operations. Insert wrapped assembly into box (step 4) and close (step 5).</p>							
Original Preparer: J. D. Stallings / May 91				Revised by: R Poole		Date: 18 MAR 2003	
ITEM DATA (APPROX)		SBCCOM 81361		DRAFT			
ITEM CODE - Z55		AMSSB-REN-SE-PK					
ITEM SIZE - 3 1/16 x 2 7/16 inches							
ITEM WEIGHT - .10 lbs.							
		PAGE NUMBER	NUMBER OF PAGES	SBC, Jr		Z55-001	18 NOV 92
		1	3	APPROVAL		REVISION	DATE

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SPECIAL PACKAGING INSTRUCTIONNATIONAL STOCK NUMBER
4730-01-392-2173NOMENCLATURE
DISCONNECT, ARMOR QUICK ASSEMBLYPAGE NUMBER
2 of 3SPI NUMBER (PN)
P5-1-1960-10

- (C) – Closure shall be accomplished using specified tape (step 3), applied centered over each tucked closure of container. Insert the boxed assembly into specified bag (step 4) and close (step 5).
- (D) – Bag to be constructed of A-A-3174 material, as specified in MIL-DTL-117. Heat seal closure shall be accomplished IAW the barrier bag or barrier material supplier's recommendations for dwell, pressure and temperature requirements. Trapped air shall be kept to a minimum by compressing the bag or by a mechanical evacuation process to the extent practicable, prior to accomplishing the final heat seal. Do not evacuate to the point of damaging or deforming the item. Testing of the heat seal and leakage characteristics of bag is not required.
- (E) – Packaging Quality Assurance Provisions (PQAP).

Part I – Applicable DocumentsMilitary standards

MIL-STD-1916 – Department Of Defense Test Method Standard
MIL-STD-2073-1 – Standard Practice For Military Packaging

Part II – Packaging Quality Provisions.

- 1. First Article Inspection.** The first article packaging sample shall be in accordance with QAP5-1-1960; however, the sample shall be packaged as specified herein. If required, special sampling, inspection and acceptance criteria are contained in Part III of this PQAP and inspected for compliance with any or all of the requirements of this SPI.
 - a. Acceptance Criteria.** If any first article sample fails to comply with any of the requirements, the first article packaging sample shall be rejected. The Government reserves the right to terminate inspection upon any failure to comply with any of the requirements. The contractor shall obtain written approval from the contracting activity prior to proceeding with regular production.
- 2. Conformance Inspection.**
 - a. Lotting.** Lotting shall be as specified in QAP5-1-1960, except that the armor quick disconnect assembly shall be packaged as specified herein.
 - b. Sampling.** Sampling shall be conducted in accordance with the attributes sampling plan of MIL-STD-1916 using the verification levels (VLs) specified herein.
 - c. Inspection.** Inspection shall consist of examination and test of all the characteristics contained in Part III and Part IV of this PQAP.
- 3. Inspection Equipment Coding.**

VI = Visual inspection
CE = Commercial inspection equipment

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PART III -I NSPECTION REQUIREMENTS

PACKAGING CHARACTERISTICS

CATEGORY	CHARACTERISTICS	SAMPLING and ACCEPTANCE CRITERIA	INSPECTION METHOD
Critical	None Defined.		
Major	None Defined.		
Minor			
101	Item completely clean and dry prior to unit packing.	VL-III	VI
102	Liner bag evident and correct	VL-III	VI and CE
103	Inner container and closure evident and correct.	VL-III	VI and CE
104	Unit pack container evident and correct.	VL-III	VI and CE
105	Unit pack assembly evident and correct.	VL-III	VI and CE
106	Unit pack container marking evident, correct and legible.	VL-III	VI and CE

NOTES:

VI = Visual inspection

CE = Commercial inspection equipment

PART IV - CERTIFICATION REQUIREMENTS

Certification shall be required for each characteristic specified below and shall include actual examination and test results when required herein. Results of examinations and tests shall be on file at the contractor's facility and shall be available to the Government for review.

<u>NUMBER</u>	<u>CHARACTERISTIC</u>	<u>TO COMPLY WITH</u>
401	Packaging material	Applicable specification or standard specified in this SPI.