



SHM-PAK™

Packaging Program

Program Overview • SHM-PAK™ Standard Quantities • Bag Design
Shipping Box Design • Box Packing • Bag Labeling • Box Labeling

SHM-PAK™ PROGRAM OVERVIEW

Under SkyHlgh Memory’s Packing (SHM- PAK™) program, standard quantities of IC products are packed into anti-static bags in the manufacturing area. Ordering products in increments of full SHM-PAK bag quantities enables Skyhigh Memory and its distributors to quickly and efficiently fulfill orders with prepacked inventory. By minimizing handling at the finished-goods warehouse, the qualities of the products are preserved when shipped to customers.



SHM-PAK BAG DESIGN

The SHM-PAK bag is designed to protect products from electrostatic discharge and moisture. There are two types of bags: Moisture Barrier Bag (MBB), and Static Shielding Bag (SSB).

The MBB is used for dry-packed products and is made of nylon, aluminum foil and polyethylene material which provides excellent moisture barrier capability plus electrostatic protection. Filled MBBs are vacuum- sealed.

The SSB is used for non-dry-packed products and is made of aluminum, polyester and polyethylene materials which provides electrostatic protection. SSBs are heat-sealed.

THE VARIOUS BAG TYPES AND DIMENSIONS ARE AS FOLLOW:

Type	Size	Dimensions (L x W)	Example
Static Shielding Bag			
Tube	Large	33" x 12"	
	Medium	29" x 9"	
	Small	29" x 6"	
Tray	Standard	16" x 8"	
Tape and Reel	Standard	18" x 18"	
Moisture Barrier Bag			
Tube	Large	33" x 18"	
	Medium	29" x 9"	
	Small	4.5" x 29"	
Tray	Large	18" x 8"	
	Medium	7" x 18"	
	Small	6" x 8"	
Tape and Reel	Standard	18" x 16"	

SHM-PAK Standard Quantities

Standard SHM-PAK quantities were determined by considering customers’ ordering preferences, as well as packing and storing efficiency. There are two terms used to define standard quantities: SHM-PAK and Full-Order-Increment (FOI).

CY-PAK Tubes	CY-PAK Trays	CY-PAK Tape-and-Reel
Tube SHM-PAK is defined as a large, medium, or small bag containing a quantity of tubes based on the largest box/bag that, when full, contains US \$500.00 worth of products based on average selling price. Tube FOI is defined as the number of devices in one full tube.	Tray SHM-PAK is defined as one, two or five trays containing a total number of devices that are valued at US \$500.00 based on average selling price. Tray FOI is defined as the number of devices in one full tray.	Tape-and-Reel SHM-PAK and FOI are defined as one full reel.

SHM-PAK Shipping Box Design



The SHM-PAK inner boxes are designed to protect the products from damage during transport and storage. These boxes are made of strong corrugated cardboard of type B- or C- flute and rated at 200-pound compression strength.



Inner Box

The inner boxes are used for both dry- and non-dry-pack products. The cover flap has “ears” that serve as a selflocking feature to make packing more efficient and minimize the use of packaging tapes. If two or more inner boxes are shipped, these are packed in outer boxes for more efficient shipping. There are several box sizes to accommodate a variety of product carriers.

THE INNER AND OUTER BOX DIMENSIONS ARE AS FOLLOW:

Type	Size	Length	Width	Height	Example
Inner Boxes					
Tube	Small	630 mm	100 mm	140 mm	
	Medium	630 mm	210 mm	140 mm	
Tray	Standard	400 mm	180 mm	110 mm	
Tape and Reel	Standard	380 mm	380 mm	70 mm	
Outer Boxes					
Tube	2 - Pack	630 mm	240 mm	310 mm	
	5 - Pack	630 mm	430 mm	350 mm	
	2 - Pack	200 mm	420 mm	240 mm	
Tray	5 - Pack	420 mm	320 mm	390 mm	
	Single	390 mm	390 mm	80 mm	
	Large 2-pack	390 mm	390 mm	160 mm	
Tape and Reel	Large 5-pack	390 mm	390 mm	370 mm	2-Pack Tube Outer Box

SHM-PAK Box Packing



When packing SHM-PAK bags into inner boxes, anti-static plastic bubble pack is placed around the bags to further protect the products during transport by minimizing movements and providing a cushioning effect.

For packing inner boxes into outer boxes, anti-static plastic bubble pack or an empty box is used as filler. All inner and outer boxes are sealed with minimal use of packaging tapes.

SHM-PAK Bag Labeling

SkyHigh Memory has standard labeling procedures for its bags and boxes. However, in accommodating special labeling instructions from customers, these labeling schemes may vary.



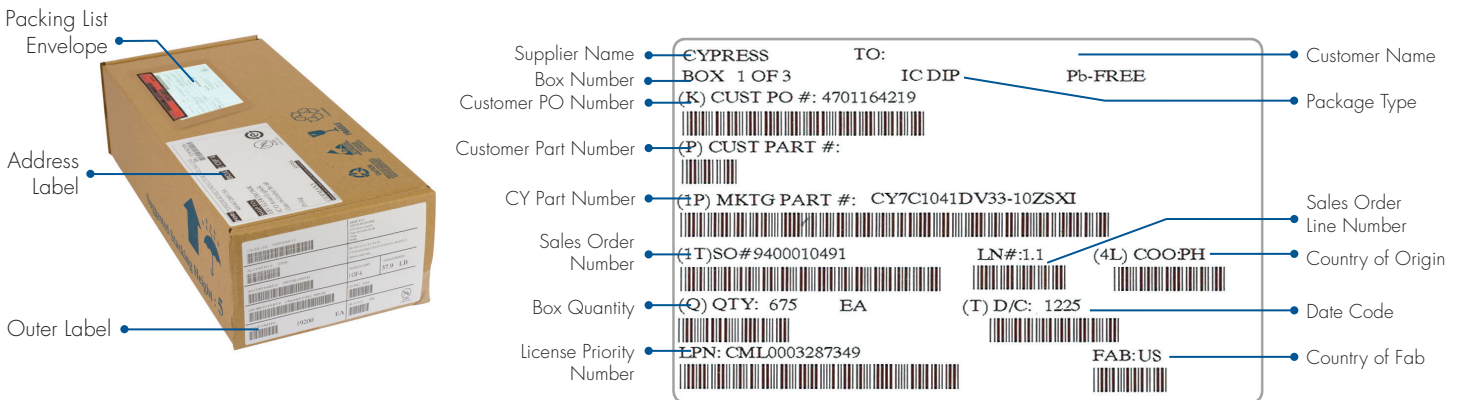
Sample Bag Labeling

Sample Moisture Sensitivity Label

SHM-PAK Box Labeling

An intermediate label is placed on the left side of the inner box. The label is both readable in English and bar coded.

There are two shipping labels placed on the outer box, the address (ship to) label and the outer label which contains information about the contents and customer order references. The packing list is also attached on the top of the outer box.



End View of Outer Box

Sample Intermediate Label Inner Box

