

PK-105SPI Packing Instructions

Shipper must ensure compatibility with all packaging materials and follow all appropriate transport regulations. For air shipment of liquids, containers must meet pressure, secondary closure and leak-proof liner requirements (**See IATA DGR Section 5 / ICAO TI Section 4 / US 49 CFR 173.27**). Deviations from any part of this instruction may void the UN certification. Please consult 49 CFR for United States record retention requirement. If further information is required, contact ICC Compliance Center at 1-888-442-9628.

Packaging Components PK-105SP

Item	Description	Qty
BX-105	Outer box (9 5/8" x 9 5/8" x 19 1/2")	1
IN-105	Insert (6"x 6"x19")	1
BI-BSS10	Liner Bag (43" x 48")	1

Packaging Components required to complete this assembly supplied separately

AB-VERM4	Vermiculite absorbent/cushioning material. Use sufficient quantity of absorbent to absorb the entire liquid contents. All void space must be filled.
PA-MSST4	3M # 375 48mm clear tape



Important Information

Each assembled package must not exceed a gross weight of	12.9kg/28.38
The total of all inner packaging must not exceed a gross weight of	9.27kg/20lb.
Minimum cushioning distance for top and bottom	3.85" Top/ 2.5" Bottom
Minimum cushioning distance sides	1.7"
Cap closure past contact with gasket 1/8 th turn or	30in.lbs.
4GV Test Configuration	1x1 Gallon Glass Container

Assembly:

- Set up outer box by folding bottom flaps. Seal center seam with two (2) strips of 48mm, 3M #375 clear tape. Extend beyond each edge and onto the side of the box by at least 2". The tape strips run together overlapping side by side by .5".
- Line inside bottom and walls of box with liner bag. (Figure 1)
- Fold out the bottom flaps of the insert and push in the bottom tabs of the insert (Figure 2). Place the insert inside the box/liner bag combination (Figure 3).
- Do not completely fill each inner container with liquid. Leave sufficient space in each container for ullage.
- Tighten cap to specifications.
- Fill bottom of polybag and corrugated insert with 2.5" of vermiculite (Figure 4).
- Place inner container into the insert in an upright position on top of the layer of vermiculite and push in the top push tabs. The minimum amount of vermiculite between the inner packaging and top of the box should be 3.85", the minimum amount of vermiculite between the inner packaging and the short ends of the box should be 1.7". Then fill all void space in the package with vermiculite (Figure 5). (Tapping the sides of the box will help to settle the Vermiculite evenly around the bottle.) Maintain cushioning distance.
- Gather the bag material, create a tail and tie in a simple overhand knot approximately 12" from the top edge. (Figure 6).
- Fold top box flaps and seal center seam as described above in step 1 (Figure 7).

Figure 1



Figure 2



Figure 3

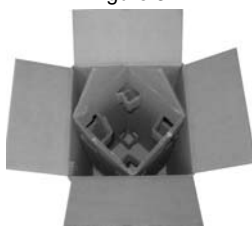


Figure 4



Figure 5

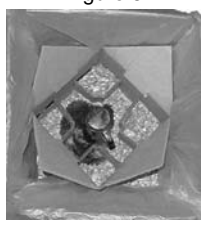


Figure 6



Figure 7

