

PACKAGE COMPONENT SPECIFICATION

TITLE Shipping Container, Insulated, Molded EVC P-008		NUMBER P-008	PAGE 1 of 4
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QUALITY APPROVAL		DOCUMENT OWNER APPROVAL	DATE

1. Material Requirements

- 1.1 Plastic Corrugated Glued Tube/DST outer box:
 - 1.1.1 Color: White
 - 1.1.2 Polypropylene
 - 1.1.3 4 mil

- 1.2 Molded, rigid foam insulation for shipper base:
 - 1.2.1 CFC and HCFC-free polyurethane formulation with HDPE film wrap
 - 1.2.2 Color: yellow/natural
 - 1.2.3 Conforms to the EPA regulations under the Clean Air Act of 1990
 - 1.2.4 Minimum density: 2.5 lbs./ft³

- 1.3 Molded, rigid foam insulation for shipper lid:
 - 1.3.1 CFC and HCFC-free polyurethane formulation with HDPE film wrap
 - 1.3.2 Color: yellow/natural
 - 1.3.3 Conforms to the EPA regulations under the Clean Air Act of 1990
 - 1.3.4 Minimum density: 2.5 lbs./ft³

- 1.4 Molded, rigid foam insulation for two shipper outer wall sides – female (larger):
 - 1.4.1 CFC and HCFC-free polyurethane formulation with HDPE film wrap
 - 1.4.2 Color: yellow/natural
 - 1.4.3 Conforms to the EPA regulations under the Clean Air Act of 1990
 - 1.4.4 Minimum density: 2.5 lbs./ft³

- 1.5 Molded, rigid foam insulation for two shipper outer wall sides – male (smaller):
 - 1.5.1 CFC and HCFC-free polyurethane formulation with HDPE film wrap
 - 1.5.2 Color: yellow/natural
 - 1.5.3 Conforms to the EPA regulations under the Clean Air Act of 1990
 - 1.5.4 Minimum density: 2.5 lbs./ft³

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1.6 Molded, rigid foam insulation for base-insert:

- 1.6.1 CFC and HCFC-free polyurethane formulation with HDPE film wrap
- 1.6.2 Color: yellow/natural
- 1.6.3 Conforms to the EPA regulations under the Clean Air Act of 1990
- 1.6.4 Minimum density: 2.5 lbs./ft³

1.7 Plastic Pallet

- 1.7.1 Sawdust and Polyethylene Plastic Recycled Material
- 1.7.2 Color: Grey

2. Dimensional Requirements

2.1 Plastic Glued Corrugated Tube:

- 2.1.1 55-3/4 in. x 55-3/4 in. x 78 3/4 in. (1416 mm x 1416 mm x 2000 mm)
- 2.1.2 Tolerance $\pm 1/8$ in. (± 3 mm)
- 2.1.3 Dimensions measured inside, center of score to center of score

2.2 Design Style Tray (DST):

- 2.2.1 56 3/4 in. x 56 5/8 in. x 3-1/2 in. (1441 mm x 1438 mm x 90 mm)

2.3 Molded, rigid foam insulation

2.3.1 Foam base parameters

- 2.3.1.1 Dimensions: 55-3/4 in. x 55-3/4 in. x 7 in. (1416.1mm x 1416.1mm x 177.8 mm)
- 2.3.1.2 Wall thickness: 4 in. (102 mm)
- 2.3.1.3 Bottom wall thickness: 4 in. (102 mm)
- 2.3.1.4 Tolerance $\pm 1/2$ in. (± 13 mm)

2.3.2 Foam base-insert parameters

- 2.3.2.1 Dimensions: 47-3/4 in. x 47-3/4 in. x 8-5/8 in. (1213 mm x 1213 mm x 219 mm)
- 2.3.2.2 Wall thickness: 4 in. (102 mm)
- 2.3.2.3 Tolerance $\pm 1/2$ in. (± 13 mm)

2.3.3 Foam lid parameters

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2.3.3.1 Dimensions: 55-3/4 in. x 55-3/4 in. x 25-1/2 in. (1416 mm x 1416 mm x 648 mm)

2.3.3.2 Wall thickness: 4 in. (102 mm)

2.3.3.3 Tolerance $\pm 1/2$ in. (± 13 mm)

2.3.4 Foam outer wall side - female parameters

2.3.4.1 Dimensions: 55 3/4 in. x 4 in. x 56 in. (1416 mm x 102 mm x 1422 mm)

2.3.4.2 Wall thickness: 4 in. (102 mm)

2.3.4.3 Tolerance $\pm 1/2$ in. (± 13 mm)

2.3.5 Foam outer wall side - male parameters

2.3.5.1 Dimensions: 51 in. x 4 in. x 56 in. (1295 mm x 102 mm x 1422 mm)

2.3.5.2 Wall thickness: 4 in. (102 mm)

2.3.5.3 Tolerance $\pm 1/2$ in. (± 13 mm)

2.3.6 Grey Ether Foam Insert Parameters

2.3.6.1 48-3/4 in. x 48-3/4 in. x 4-1/8 in. (1238 mm x 1238 mm x 105 mm)

2.3.6.2 Center Circle Diameter Die-cut: 36-7/8 in. (937 mm)

2.3.6.3 Tolerance: $\pm 1/8$ in. (± 3 mm)

2.4 Plastic Pallet parameters:

2.4.1 58 in. x 58 in. x 5-3/4 in. (1417 mm x 1417 mm x 146 mm)

2.4.2 2-way plastic pallet

2.4.3 Tolerance $\pm 1/2$ in. (± 13 mm)

2.5 Assembled container parameters:

2.5.1 Inside dimensions shipping container cavity with lid on:

2.5.1.1 47-3/4 in. x 47-3/4 in. x 71-1/4 in. (1213 mm x 1213 mm x 1810 mm)

2.5.1.2 Tolerance $\pm 1/2$ in. (± 13 mm)

2.5.1.3 Allow 1/8 in. draft from top to bottom

2.5.2 Outside dimensions of assembled foam containers (no outer corrugated)

2.5.2.1 55-3/4 in. x 55-3/4 in. x 79-1/4 in. (1416 mm x 1416 mm x 2013 mm)

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2.5.3 Assembled container with corrugated, pallet, and inserts:

2.5.3.1 Outside dimensions (with corrugated) 58 in. x 58 in. x 85-3/8 in. (1473 mm x 1473 mm x 2168 mm)

2.5.3.2 Total Weight: 365 lbs. (166 Kg) **Estimate**

3.0 Corrugated Printing Requirements

3.1 Print on bottom of box: Custom Part Number, if required

3.2 Print on side of box: Green Envirocooler printing OR per Customer Requirements

4.0 Inspection Criteria

4.1 Lot Certification accompanies all bundles

4.2 Optional, 100% QC Quality Inspection Log per Customer request