

PACKAGE COMPONENT SPECIFICATION

TITLE Shipping Container, Insulated, Molded EVC C-110LL		NUMBER C-110LL	PAGE 1 of 3
		DOCUMENT OWNER	EFFECTIVE DATE
QUALITY APPROVAL		DOCUMENT OWNER APPROVAL	DATE

1. Material Requirements

- 1.1 Corrugate RSC outer box:
 - 1.1.1 Color: #3 white
 - 1.1.2 Single wall construction, 200 lb burst strength
 - 1.1.3 C-flute corrugate
- 1.2 Molded, rigid foam insulation for C-110 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 C-110 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 C-110 Carboy Cap:
 - 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 Foam for shipper spacer:
 - 1.5.1 1.4-pound Ether Foam
 - 1.5.2 Color: gray

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2. Dimensional Requirements

2.1 Corrugate RSC outer box:

2.1.1 21-5/8 in. x 21-5/8 in. x 37-5/8 in. (549 mm x 549 mm x 956 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 Molded, rigid foam insulation

2.2.1 C-110 Shipper Base

2.2.1.1 Dimensions: 21-1/2 in. x 21-1/2 in. x 33-3/4 in. (546 mm x 546 mm x 857 mm)

2.2.1.2 Wall thickness: 4-1/2 in. (114 mm)

2.2.1.3 Bottom wall thickness: 4-5/8 in. (117 mm)

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

2.2.2 C-110 Lid

2.2.2.1 Dimensions: 21-1/2 in. x 21-1/2 in. x 6-1/2 in. (546 mm x 546 mm x 165 mm)

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

2.2.3 C-110 Carboy Cap

2.2.3.1 Dimensions: 12-1/4 in. x 12-1/4 in. x 5-7/8 in. (260 mm x 260 mm x 149 mm)

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

2.3 Ether foam insert parameters

2.3.1 Dimensions: 12-1/2 in. x 12-1/2 in. x 15/8 in. (318 mm x 318 mm x 16 mm)

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

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2.3 Assembled container parameters:

2.3.1 Inside dimensions of product cavity with lid on:

2.3.1.1 12-1/2 in. x 12-1/2 in. x 26-1/4 in. (317mm x 317mm x 667 mm)

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

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

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

2.3.2.1 21-1/2 in. x 21-1/2 in. x 37-3/8 in. (546 mm x 546 mm x 949 mm)

2.3.3 Assembled container with corrugated:

2.3.3.1 Outside dimensions (with corrugated) 21-7/8 in. x 21-7/8 in. x 38-1/8 in. (556 mm x 556 mm x 968 mm)

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