

PACKAGE COMPONENT SPECIFICATION

TITLE Shipping Container, Insulated, Molded EVC C-133LL		NUMBER C-133LL	PAGE 1 of 4
		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 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 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 Molded, rigid foam insulation for molded insert
 - 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

PACKAGE COMPONENT SPECIFICATION

TITLE	NUMBER	PAGE
Shipping Container, Insulated, Molded EVC C-133LL	C-133LL	2 of 4
	DOCUMENT OWNER	EFFECTIVE DATE

- 1.6 Polyurethane foam pad:
 - 1.6.1 1.4 # Ether Foam
 - 1.6.2 Color: gray

- 1.7 Polyurethane foam insert
 - 1.7.1 1.4 # Ether Foam
 - 1.7.2 Color: gray

2. Dimensional Requirements

- 2.1 Corrugate RSC outer box:
 - 2.1.1 21 5/8 in. x 21 5/8 in. x 28 7/8 in. (549 mm x 549 mm x 733 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-133 Shipper Base
 - 2.2.1.1 Dimensions: 21-1/2 in. x 21-1/2" x 25 1/8" (546 mm x 546 mm x 638 mm)
 - 2.2.1.2 Wall thickness: 4-1/2" (114 mm)
 - 2.2.1.3 Bottom wall thickness: 4-5/16" (110 mm)
 - 2.2.1.4 Tolerance $\pm 1/8$ " (± 3 mm)

 - 2.2.2 C-133 Lid
 - 2.2.2.1 Dimensions: 21-1/2 in. x 21-1/2 in. x 5 1/8 in. (546 mm x 546 mm x 130 mm)
 - 2.2.2.4 Tolerance $\pm 1/8$ in. (± 3 mm)

 - 2.2.3 C-133 Carboy Cap
 - 2.2.3.1 Dimensions: 12-1/4 in. x 12-1/4 in. x 5-7/8 in. (311 mm x 311 mm x 149 mm)
 - 2.2.3.3 Tolerance $\pm 1/8$ in. (± 3 mm)

PACKAGE COMPONENT SPECIFICATION

TITLE	NUMBER	PAGE
Shipping Container, Insulated, Molded EVC C-133LL	C-133LL	3 of 4
	DOCUMENT OWNER	EFFECTIVE DATE

2.2.4 C-133 Molded Insert

2.2.4.1 Dimensions: 12-1/4 in. x 12-1/4 in. x 3/4 in. (311 mm x 311 mm x 19 mm)

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

2.3 Die cut polyethylene foam

2.3.1 C-133 Polyurethane Foam Pad

2.3.1.1 Dimensions: 10 3/8 in. diameter x 5/8 in thick (264 mm diameter x 16 mm)

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

2.3.2 C-133 Polyurethane Foam Insert

2.3.2.1 Dimensions: 12 1/2 in. x 12 1/2 in. x 2 in. (314 mm x 314 mm x 22 mm)

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

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 17 in. (317mm x 317mm x 432 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 28 3/4 in. (546 mm x 546 mm x 730 mm)

2.3.3 Assembled container with corrugated:

2.3.3.1 Outside dimensions (with corrugated) 22 in. x 22 in. x 29 3/4 in. (559 mm x 559 mm x 756 mm)

PACKAGE COMPONENT SPECIFICATION

TITLE Shipping Container, Insulated, Molded EVC C-133LL	NUMBER C-133LL	PAGE 4 of 4
	DOCUMENT OWNER	EFFECTIVE DATE

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