



PRODUCT SPECIFICATIONS 300 GALLON CONTAINER

INTENT: This specification describes a 300 gallon refuse cart to be used with a automated side load refuse collection vehicle.

GENERAL: All carts shall be the manufacturer's current production model. Accessories not specifically mentioned but necessary to furnish complete units ready for use shall also be included.

1. WARRANTY

Container shall carry a 3 year unconditional guarantee.

2. TYPE

All carts must be capable of being used with an automated refuse collection vehicle.

3. DESIGN

- A. Containers shall be rotationally molded and manufactured with a polyethylene material. The raw material shall contain an ultraviolet stabilizer.
- B. Container must be designed to regularly receive and dump maximum volume weight without permanent damage, deformation, or structural failure.
- C. Container and all components must be capable of withstanding temperature extremes ranging from -30° to 140° degrees F and up to 1200 pounds total compressing force applied from opposite sides by the gripping arm.
- D. Container shall be a minimum of 90 lbs.
- E. Container shall be a minimum of 300 gallons.
- F. Four stop brackets shall be molded into the side of the container.

5677 West 73rd Street, Indianapolis, IN 46278 USA

phone: (317) 328-8000 fax: (317) 328-8080

email: sales@snyderplasticsolutions.com

web: www.snyderindustries.com



4. LID

- A. The lid shall be of such configuration that it shall not warp, bend, slump, or distort. The lid must be designed in such a manner to ensure that the container will be watertight.
- B. The lid will be constructed of the same thickness material as the container. The lid will be 1/3 fixed 2/3 hinged lid.
- C. The 1/3 Fixed lid shall have four molded in hinge holes. Drilled holes are not acceptable. A molded rib shall be part of the construction for added strength.
- D. The 2/3 Hinged split lid shall have an eight point contact with four HDPE Plastic Pins acting as the hinge. The pins are to be secured with cotter pins.
- E. The 2/3 Hinged Split lid shall access an opening of approximately 700 square inches. A rib should be molded in separating the two sections of the split lid.
- F. The lid must have an overlapping design that shall open to approximately 110 degrees.

5. FINISH

Containers shall have a smooth high gloss finish on the interior surface.

6. IDENTIFICATION

- A. The date and year of manufacture shall be molded in each container.
- B. All containers can be identified with the city's name either molded into the lid with 3/8" raised letters or hot stamped in white on the lid.

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C. The following words or similar words can be molded into the lid of each container in 3/8" minimum raised letters in the following configuration.

KEEP LID CLOSED

NOT ALLOWED IN CONTAINER

NO PERMITIDO DENTRO DELBOTE

OVERFILLING

NOSOBRELLENAR

HOT ASHES

CENIZAS CALIENTES

CONSTRUCTION MATERIALS

MATERIAL DE CONSTRUCCION

PAINTS OR CHEMICALS

PINTURAS O QUIMICOS

AUTO PARTS

PARTES DE AUTOS

DEAD ANIMALS

ANIMALES MUERTOS

7. COLOR

Color shall be dark green, black, navy, or brown.

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