

Technical Specifications of Milk Cans

General Specifications:

Milk cans are ergonomically designed one piece moulded plastic can of 40 Ltrs capacity, manufactured out of state of the art Blow Moulding process manufactured from Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 - 1982; Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic, absolutely smooth and sanitary, chemical resistant, and free from joints, welds or rims, provided with fully openable top lid and 2 Nos of flexiable HMHDPE handle moulded in milk cans during the process. Heavy circular rib is fixed at bottom for easy and efficient handling of milk cans.

Basic Qualities :

- Seamless Single Wall Construction.
- Heavy duty rough & tough
- Moulded from (HMHDPE) material for extra strength
- Absolutely maintenance free.
- Light weight and easy to handle
- Colourful and Elegant.
- Hygienic
- Safe in handling as No corrosion, cracking, blistering etc.

Photograph :



Details Specification :

Application : Storage, Handling, and Transportation of Milk or any other liquid.

Capacity : 40 Liters. (Nominal Capacity - up to Neck).

- Material** : FDA Approved Virgin grade of High Molecular High Density Polyethylene(HMHDPE) material, absolutely non-toxic, free from any contamination, chemical resistant confirming to the requirement of ASTM D-543-04.
Material should have more than 250 Kg/CM² of Tensile strength (as per ASTM D 638) and Izod impact strength of not less than 25 Kg-Cm/Cm as per ASTM D256; The ESCR as per ASTM D 1693 must be greater than > 500 (T50 HR).
- Process** : Blow moulding
- Dimensions** : Diameter (Body) : 335 mm
Height : 605 mm
Mouth Dia : 200 mm
(Tolerance +/- 5%)
- Lid design** : Minimum 4 Nos of ribs must be provided on the lid for extra strength.
- Material of Lid:** FDA approved virgin grade of Polyethylene.
- Colour** : Grey.
- Handles** : 2 Nos of flexible Handles fitted in the Integrated Moulded Lugs with the Body of Cans. Both the lugs and handle are manufactured out of HDPE material.
- Durability** : User friendly design.
Easy to clean and does not allow any bacterial contamination.
Extremely strong and maintenance free.
- Bottom Ring** : One piece moulded ring is fixed at bottom of milk cans to provide better grip for efficient handling of filled milk cans. Bottom ring is designed to take load of milk cans and manufactured out of HDPE material.
- Drawing** : Enclosed herewith