



Indian standard IS 9396 (Part 1): 1987- Round Open Top Sanitary Cans for Foods and Drinks – Tinsplate

“Round Open Top Sanitary Cans for Foods and Drinks – Tinsplate” are cylindrical containers made from tinsplate that are primarily used **for packaging food and beverage products**. These cans have an **open top**, which can be sealed with a lid to preserve the contents and maintain hygiene. The **round shape and sanitary design** make them ideal for ensuring the safety and quality of food and drink (**Vegetables, Fruits, Juices, Milk, Soft drinks, Sauces, Jams etc.**) during storage, transportation, and sale.

The key quality parameters which a consumer should expect from these cans are : **Strength, Corrosion resistance, safety of packed food/beverage**. These quality parameters are crucial to ensure that round open top sanitary cans maintain the freshness, safety, and quality of the food and beverages they contain, providing consumers with reliable, hygienic, and safe packaging. Quality tinsplate cans act as a **protective barrier against air, light, and moisture**, all of which can degrade the quality of food and drinks. Proper sealing and corrosion resistance ensure that products remain fresh and retain their taste, texture, and nutritional value for a longer period.

Considering this, Indian Standard IS 9396 (Part 1): 1987 has been developed by Bureau of Indian Standards. The standard outlines the technical requirements for the material, design, and construction of these cans. Quality of material of the can which is vital for strength and for these cans has been specified in the Standard. In addition to the material, the Standard also specifies the tin coating thickness, Surface finish, Tin grade size, passivation treatment requirements which ensure that the consumer gets **safe and hygienic packed food/beverage**.

The **Quality Control Order** notified by DPIIT, Government of India mandates that all these Cans manufactured, sold, or imported in India comply with IS 9396 (Part 1) and display the BIS Standard Mark (IS), ensuring high-quality Round open Top Sanitary Cans.

Overall, IS 9396 (Part 1) aims to ensure that the packaging used for food and drinks not only meets safety and quality standards but also contributes to preserving the product's integrity until it reaches the consumer.