

160-110-56mm Rectangular Food-Grade Gift Biscuit Tin Product Description: Precision Preservation with Tinplate Excellence

Crafted for discerning confectionery brands and gift markets, the 160-110-56mm rectangular biscuit tin box combines elegant design with advanced preservation technology. As a flagship product from **China Rectangle Tin Box Factory**, this container exemplifies how material science and structural engineering elevate both functionality and aesthetic value. Below, we explore how its tinplate composition ensures unparalleled freshness and why it has become a top choice for **Dongguan Rectangle Tin Container Supplier** and **Shenzhen Rectangle Metal Box Wholesaler** in global markets.



1. Material Science: Tinplate for Optimal Freshness

The tin box utilizes 0.23mm food-grade tinplate, a material widely adopted by [China Rectangle Tin Box Factory](#) or its corrosion resistance and barrier properties. Tinplate's unique composition—a steel base coated with a thin layer of tin—creates an impermeable shield against oxygen, moisture, and light, the three primary factors degrading biscuit crispness and flavor.

Independent lab tests confirm that tins from **Dongguan Rectangle Tin Container Supplier** extend biscuit shelf life by 30% compared to plastic or paper packaging. The inert nature of tinplate also prevents chemical interactions, ensuring no metallic aftertaste contaminates delicate shortbread or butter cookies.

2. Structural Innovation: Airtight Seals and Durability

Precision engineering defines this rectangular tin. Features include:

- **Hinged Lid with Silicone Gasket:** Developed by [Shenzhen Rectangle Metal Box Wholesaler](#), this design creates an airtight seal exceeding ISO 9001 standards, maintaining humidity levels below 5% for up to 18 months.
 - **Reinforced Corners:** Double-seam welding at edges, a hallmark of **China Rectangle Tin Box Factory**, prevents deformation during logistics, even under 50kg stacking pressure.
 - **Food-Safe Inner Coating:** A water-based epoxy layer, compliant with FDA and LFGB regulations, adds an extra barrier against oxidation.
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3. Customization for Premium Gifting Markets

As a top supplier to [Dongguan Rectangle Tin Container Supplier](#), the factory offers extensive design flexibility:

- **Surface Treatments:** Matte, glossy, or embossed finishes, with options for gold/silver foil stamping.
- **Printing Techniques:** CMYK offset printing achieves photorealistic patterns, while UV coatings enhance scratch resistance.
- **Interior Compartments:** Optional PET/PE dividers, ideal for assortments of cookies, chocolates, or tea bags.

These features make the tin a staple in **Shenzhen Rectangle Metal Box Wholesaler's** catalog for corporate gifts, weddings, and seasonal promotions.

4. Sustainability and Cost Efficiency

Tinplate's 100% recyclability aligns with eco-conscious trends. **China Rectangle Tin Box Factory** utilizes 30% recycled content in production, reducing carbon footprint without compromising durability. Bulk orders through **Shenzhen Rectangle Metal Box Wholesaler** offer economies of scale, with unit prices ranging from 1.20 to 2.80 depending on volume and customization.

5. Global Compliance and Adaptability

The tin meets rigorous international certifications:

- **Food Safety:** SGS, REACH, and RoHS certifications guarantee non-toxic materials .
- **Cultural Customization:** **Dongguan Rectangle Tin Container Supplier** tailors designs for regional markets—e.g., minimalist patterns for European clients or intricate motifs for Middle Eastern festivals .

Conclusion

The 160-110-56mm rectangular biscuit tin box stands as a testament to the synergy between material innovation and market-driven design. From **China Rectangle Tin Box Factory**'s precision engineering to **Shenzhen Rectangle Metal Box Wholesaler**'s distribution expertise, this product redefines freshness preservation while catering to luxury gifting demands. For brands seeking to elevate their packaging, partnering with **Dongguan Rectangle Tin Container Supplier** ensures access to a solution that blends science, sustainability, and sophistication.



Regular inventory of more than 1,000 tons of raw materials

which ensures the prices of our tin boxes are stable
and the long-term cooperation is more guaranteed











FAQ

1 Are you a factory or trading company ?

We are a professional manufacturer of tin box since 2002, and we also experienced in marketing related packaging products, such as aluminum tin, paper box, glass jar/bottle etc.

2 What are your main strengths?

Since 2002, we specialize in tin box manufacturing and marketing, professional quality control production lines, mature supply chain can achieve one-stop service, in Europe and the Netherlands also have branches. Working with more than 50 international freight forwarding companies, we have established good partnerships with hundreds of customers from more than 50 countries.

3 What is the unit price and shipping cost?

Pls let us know the quantity you need, so we can give you maximum discount accordingly. Pls let us know if you have any customization request, such as private label, silk printing/emboss logo, inner tray. For the shipping cost, pls kindly advise the destination address, and your expected delivery time.

4 Can I get a sample? What is the sample cost & lead time?

Sure. Our stock sample is free, customer just need to pay the delivery cost, and we will send out in 1~5 days.

If you want to get a sample with customized logo, there will be proofing fee, which will be refund if the mass production order reach to the quantity we agreed, it takes about 10 days for sample

making.

5 Is your tin box safe for food? Can it pass food grade test?

Our tin box is made of high quality tinplate material which is coated with a food grade lacquer inside, it is a very safe packaging material for food items, such as biscuit, chocolate, candy, tea leaf, spice etc. Our tin box can pass LFGB, SVHC REACH, SGS test, if you need to do a testing, we can support.