

Technical Specification – Sugar for Single-Serve Stick Packaging (2g each)

1. Purpose

- Used for industrial packaging into 2g sachets (stick packs)
 - End-use: HoReCa, hotel service, office supply, vending, and retail
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2. Annual Volume

- Total: ~20,000 kg (20 metric tons/year)
 - Monthly average: ~1.6–1.7 tons
 - Packaging at factory: Supplied in bulk 25 kg or 50 kg food-grade bags
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3. Product Types & Requirements

A. White Granulated Sugar

- Type: Food-grade refined white sugar, EU Standard
- Grain size: Medium-fine (not powdered, not coarse)
- Color: ICUMSA 45–100
- Purity: ≥ 99.8% sucrose
- Moisture: ≤ 0.06%
- Flowability: Free-flowing, non-caking
- Suitable for: Fast high-speed filling machines for stick-pack lines

B. Brown Sugar (Dry type)

- Type: Dry Demerara or Turbinado-style, free-flowing
 - Color: ICUMSA 800–1200
 - Grain size: Medium, crystalline
 - Moisture: ≤ 0.5%
 - Note: Must not be soft or sticky like muscovado
 - Use: For premium single-serve sachets
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4. Packaging Format for Supply

- Bulk format: 25 kg or 50 kg PE-lined polypropylene bags
 - Labeling: Must include:
 - Product name
 - Country of origin
 - Lot/batch number
 - Production and expiration date
 - Shelf Life: Minimum 24 months
 - Storage Conditions: Dry, cool environment (< 60% RH)
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5. Preferred Supplier Profile

- Must meet ISO 22000 or HACCP food safety standard
 - Experience in industrial supply for packaging operations
 - Able to provide:
 - Certificate of analysis
 - Product specification sheet
 - Declaration of non-GMO origin
 - Certificate of origin (EUR.1 if possible for duty-free import into Georgia)
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6. Shipping & Logistics

- Preferred delivery: CIF Poti, Georgia
 - Palletized: Yes, for container load
 - Container capacity:
 - 20ft: ~20 tons of sugar (approx. 400 bags x 50 kg)
 - Shipment frequency: 2–3 times/year in bulk
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Recommendations

- For white sugar: ICUMSA 45 or 100, medium grain, is ideal
- For brown sugar: Dry Demerara type (important: avoid sticky varieties like raw cane or muscovado)