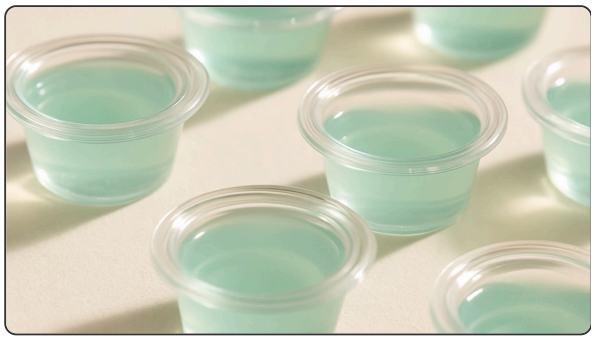
Single-Serve Liquid Mouthwash Stick Packs & Foil Sachets — Engineering TDS

10mL / 11mL / 12mL / 15mL 4-Layer PET/AL/NY/LLDPE Tear-Notch Sachets · Rounded Safety Corners · High-Speed Multi-Lane OEM

Verified Corporate & GMP Baseline:
- **Operating Entity:** Guangzhou Yanmei Bio-Technology Co., Ltd. (Tax / Credit ID: `91440106050647021B`)
- **Registered Hub:** Room 801-A, Bldg 8, Plot 5, No. 12 Lvgang 5th St, Huadu Airport Zone, Guangzhou, China
- **Group GMP Credentials:** Parent Co. Fujian Yanse Cosmetics Co., Ltd. holds Bureau Veritas ISO 22716 (`CNSH25778319-ISO22716`), US FDA Cosmetic GMP (`CNSH25778319-USFDA`) & License `闽妆20250005`
- **Sample SLA:** Stock Benchmark Kit in **48 Hours** · Custom Lab Counter-Sample in **7–10 Days** (200% PO Rebate)



1. Multi-Layer Barrier & Unit-Dose Process Architecture

LAYER 1	LAYER 2	LAYER 3	LAYER 4	LAYER 5
12µm Reverse-Printed PET	9µm Pure Aluminum Foil Barrier	15µm Bi-Axial Nylon Puncture Layer	Polyurethane Adhesive	50µm Metallocene LLDPE Seal

2. Standard Stock-Tooling SKU Matrix, Agile MOQs & Export Carton CBM

Format / Variant	Barrier & Formulation Specification	Agile Pilot MOQ	Lead Time	Export Logistics
10mL Slim Pocket Stick	25mm × 105mm 4-Layer Foil + Laser Easy-Tear V-Notch	**10,000 Sticks ($0 Tooling)**	12–16 Days	13 Cartons / 0.44 CBM per 10k
11mL / 12mL Standard Stick	28mm × 110mm Rounded-Corner Oral Care Stick Sachet	**10,000 Sticks ($0 Tooling)**	12–16 Days	14 Cartons / 0.48 CBM per 10k
15mL Whitening / Oil-Pulling	30mm × 120mm Coconut + Mint Oil-Resistant Foil Stick	**30,000 Sticks**	14–18 Days	16 Cartons / 0.54 CBM per 10k
Retail 20ct / 30ct Dispenser	Auto-Cartoned Perforated Tear-Top Counter Box	**500 Boxes (10,000 Sticks)**	14–18 Days	14 Cartons / 0.48 CBM per 10k

3. Quantitative Laboratory Quality Control & Transit Validation Gates

Inspection Gate	Test Method / Equipment	Acceptance Specification	Commercial Benefit
Seal Burst & Compression	ASTM F1140 Internal Burst / Platen Load	`≥ 50 kgf Static Load`	Wallet, Pocket & Mailer Proof

Inspection Gate	Test Method / Equipment	Acceptance Specification	Commercial Benefit
Directional Tear Ergonomics	Laser-Scored V-Notch Tear Force	`1.8 – 3.2 N Clean Straight Tear`	Zero Messy Diagonal Splash
Oxygen & Essential Oil Lock	9µm Aluminum Foil Barrier Assay	`OTR < 0.05 cm³/m²·24h`	24-Month Peppermint/CPC Potency
Altitude Vacuum Leak QC	ASTM D3078 Underwater Vacuum	`−0.08 MPa × 30 min`	0.00% Micro-Channel Seepage

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