

System 7 Technical Specification: Pet Oral Dissolving Film (Pet ODF) Strips

≤5-Second Mucosal Dissolution · Micro-Nano Emulsion >40% Oil Loading · 1,000-Box Pilot MOQ

1. Executive Engineering Summary & Co-Manufacturing Advantage

Aimo Pet’s pharmaceutical-grade Pullulan & HPMC oral dissolving film (ODF) platform eliminates pill-spitting, tooth-brush stress, and high-heat extrusion nutrient loss (<45°C low-temperature casting retains ≥98.5% bio-activity).

2. SKU Architecture, Technical Parameters, Pilot MOQ & Reference FOB Guangzhou Pricing

SKU / System	Packaging Format	Key Formulation & Engineering Spec	Pilot MOQ	Ref. USD	FOB
ODF-01 Enzymatic Breath Strip	300mg × 30 Strips/Box (1.2% Lysozyme + Tea Polyphenols)	Instant VSC Sulfur Odor Neutralization + Plaque Biofilm Disruption	1,000 Boxes	USD \$1.45 – \$1.85	
ODF-02 rTG Omega-3 Coat Strip	300mg × 30 Strips/Box (≥80% EPA+DHA Raw Oil, >40% Load)	Zero Fishy Burp, 3.2× Higher Mucosal Absorption vs Soft Chews	1,000 Boxes	USD \$1.68 – \$2.15	
ODF-03 L-Theanine Calming Strip	300mg × 30 Strips/Box (L-Theanine + GABA + Chamomile)	15-Min Fast Onset for Thunderstorms, Fireworks, Vet Visits & Travel	1,000 Boxes	USD \$1.58 – \$2.05	
ODF-04 Chondroitin Mobility Strip	300mg × 30 Strips/Box (Chondroitin + Collagen II + Turmeric)	Senior Dog & Cat Hip/Joint Support with Natural Roast Beef Palatant	1,000 Boxes	USD \$1.65 – \$2.10	
ODF-05 Postbiotic Gut Strip	300mg × 30 Strips/Box (10B CFU Heat-Inactivated Postbiotics)	Survives Gastric Acid pH 1.5; Supports Firm Stool & Immunity	1,000 Boxes	USD \$1.60 – \$2.05	
2-Step Brushless Dental Kit	50ct Textured Finger Wipes + 15ct ODF-01 Breath Strips	Mechanical Plaque Wipe + Biological Enzyme Mucosal Film Co-Pack	1,000 Kits	USD \$2.45 – \$3.15	

3. Laboratory Verification, Quality Assurance & Global Regulatory Compliance

Physical Film Parameters	Dimension: 22 × 32 mm (±0.3 mm) Thickness: 75 ± 5 µm Mass: 300 mg ± 4% Disintegration: ≤ 5.0 sec at 38.5°C
Water Activity & Stability	Water Activity (Aw) < 0.45 (Zero Mold/Bacteria Growth without Harsh Preservatives) 24-Month Shelf Life
Packaging Formats	1) Pocket Flip-Top Dispenser Cassette (30 strips) 2) Individual PET12/AL7/PE50 Single-Dose Foil Sachets
Veterinary Compliance	FDA CVM 21 CFR Part 507 CGMP Aligned NASC Quality Seal Ready EU FEDIAF Complementary Pet Food Compliant

4. Two-Stage Golden 5-Minute RFQ & 5–7 Day Sample Dispatch Protocol

- **Stage-1 Instant Quote (Within 5 Min – 2 Hours):** Email alex@aimopet.com or WhatsApp **+86 150 1420 2977** with your target system and volume tier (1,000 / 3,000 / 10,000 units) for an immediate itemized FOB & DDP landed cost matrix.
- **Free 7-System Sample Kit:** Ready in our Guangzhou sample room for dispatch within 5–7 business days via DHL/FedEx.