# SvartxLab · ProThermo™

Disposable insulated food delivery bags

**TECHNICAL DATA SHEET**

Document Ref: **TDS-PT-2026-V2**
Food-contact test: **GB 4806.13-2023 (report 2513406917)**
Supplier: **SvartxLab, Madrid, Spain**
US terms: **FOB, quoted in USD**

## 1. PRODUCT OVERVIEW

ProThermo™ is a disposable insulated delivery bag with a waterproof exterior (BOPP + non-woven fabric) and an interior VMOPP metallized film. It comes in four sizes and keeps food warm for up to 45 minutes in standard delivery conditions. It was tested to GB 4806.13-2023 (report 2513406917).

## 2. MATERIAL STRUCTURE (AS DESCRIBED IN TEST REPORT 2513406917)

- **Exterior:** BOPP + non-woven fabric. Waterproof shell, durability and the printable surface for custom branding.
- **Interior (food side):** VMOPP metallized film, an oriented polypropylene film with a vacuum-deposited metallized coating. It reflects radiant heat back toward the food. It is a metallized plastic film, not a metal sheet.
- **Closure:** Adhesive seal strip. A bag that has been opened is visible.

## 3. SIZES (WIDTH × DEPTH × HEIGHT)

| Size | Centimeters | Inches | Approx. volume | Pack |
|---|---|---|---|---|
| Small (S) | 21 × 11 × 26 | 8.27 × 4.33 × 10.24 | ~6.0 L | 100 bags |
| Medium (M) | 24 × 15 × 24 | 9.45 × 5.91 × 9.45 | ~8.6 L | 100 bags |
| Large (L) | 26 × 17 × 26 | 10.24 × 6.69 × 10.24 | ~11.5 L | 100 bags |
| Extra Large (XL) | 30 × 20 × 30 | 11.81 × 7.87 × 11.81 | ~18.0 L | 100 bags |

Volume is calculated from the dimensions. Packs of 100 bags are sold online for delivery inside Madrid's M-30. Export cartons, weights and container loads are confirmed in each quotation.

## 4. THERMAL PERFORMANCE AND FOOD-CONTACT TEST

- **Thermal retention:** Keeps food warm for up to 45 minutes in standard delivery conditions. The result depends on the starting temperature of the food, the outside temperature and whether the bag is sealed.
- **Food-contact test:** GB 4806.13-2023, Fangyuan Test (CNAS / ILAC-MRA, ISO/IEC 17025), report 2513406917. Overall migration 2.6 mg/dm² after 70°C for 2 hours, against a 10 mg/dm² limit (74% below the limit).
- **Scope:** This is a test to the Chinese GB standard. It is not an FDA or EU approval.

## 5. ORDERING

- **United States and international:** From 5,000 units, quoted in USD under FOB terms. Port of loading, lead time and freight are quoted for each destination. Samples are paid and quoted per client.
- **Custom printing:** From 5,000 units.
- **Madrid:** Packs from 100 units with free 24–48 h delivery inside the M-30.