



Bringing thermal comfort to people

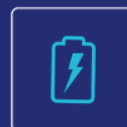
— TETHYS —

OPTIMIZING THERMAL COMFORT IN LOGISTICS ENVIRONMENTS



Mission

Improve the safety, comfort and performance of logistics operators exposed to significant thermal variations, through an active thermal control technology — reliable and designed to meet mobility constraints.



TETHYS S.A.S.

950 av Roumanille
Biot, France

www.tethys.cool

+33 (0) 6 23 14 97 29
info@tethys.cool



LOGISTICS: AN ENVIRONMENT OF THERMAL VARIATIONS

Logistics operators work in environments where temperature swings are frequent: open loading zones, wind-exposed docks, cold rooms, poorly ventilated warehouses or warehouses hit by summer heat peaks. These constraints are found in agri-food cooperatives such as **Alsace Lait**, in distribution platforms such as **La Poste**, and in airport environments operated by **GSF**.

Passive solutions (cooling vests, gel packs) quickly show their limits. Tempesta delivers a direct response to these constraints: **active, stable and continuous** thermal control, usable on the move and without infrastructure.

Key benefits

- **+15%** productivity
- **-20%** risk of heat-related accidents
- **-25%** operational costs (breaks, disruption, fatigue)
- Estimated ROI: **~€6k / employee / year**

Performance

- Operating range: **-20°C à +60°C**
- Thermal absorption up to **50 W**
- Battery life **3h30 à 8h** (double set disponible)
- Weight **1,6 kg**

Field results

Trials conducted at **Alsace Lait, La Poste & GSF** show :

- Sensation of freshness during handling phases
- Reduced fatigue at end of shift
- Better tolerance to thermal transitions (docks ↔ cold rooms)
- Easier adoption thanks to washable / replaceable components
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New-generation Tempesta

1. **Redesigned hot/cold system**, controlled via a premium button positioned on the hip
2. **Integrated lateral ventilation**, enabling active extraction of hot air under PPE
3. **Redesigned multi-size architecture**, with improved weight distribution and stability
4. **Faster donning**, with a simplified structure that cuts preparation time
5. **+69% thermal diffusion surface**, thanks to an internal aluminum plate covering back and chest

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- ALSACE LAIT - LOGISTICS MANAGER

**“ THE VEST DELIVERS NOTICEABLE THERMAL COMFORT,
ESPECIALLY DURING REPEATED TRANSITIONS BETWEEN
COLD AND HOT ZONES. ”**



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