



tempaid

Navigating  
compliance.  
Delivering  
confidence.

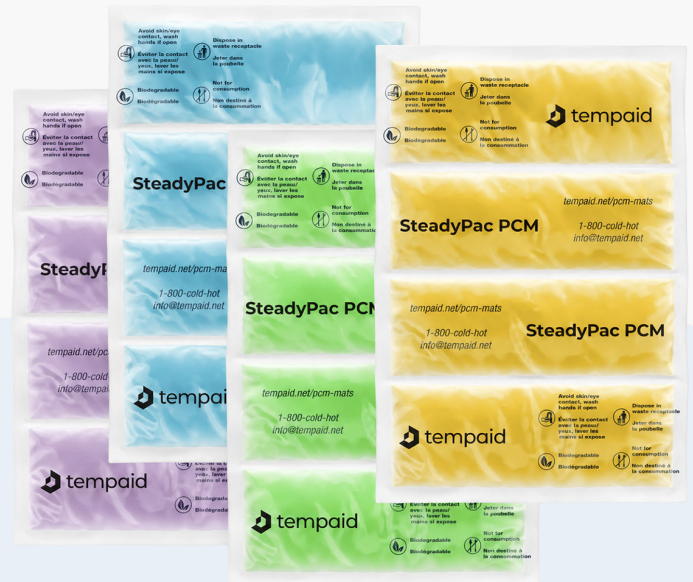
TempAid designs, validates, and manufactures **premium cold chain packaging** for pharmaceutical, biotech, clinical trial, and life sciences customers worldwide.

With production facilities in Canada, China, and Vietnam, we provide VIP shippers, PCM systems, and insulated mailers backed by **ISTA-certified thermal testing and pre-qualified documentation**.

# PCM Mats

FOR FROZEN, REFRIGERATED AND ROOM TEMPERATURE (CRT) SHIPMENTS

Flexible phase change **Mats** provide reliable long-duration temperature control by absorbing and releasing heat during phase transitions. Durable, reusable, and designed to keep products dry and secure during transit, they're ideal for rugged and repeat-use shipping applications



60%

ENHANCED COLD  
CHAIN PACK OUT  
PERFORMANCE

2

SIZES  
SMALL | MEDIUM

4

PHASE  
OPTIONS

2°C–8°C (Refrigerated)

15°C – 25°C (CRT)

-15°C to -25°C (Frozen)

## Product features

- +5°C works as a thermal buffer with water-based systems – dial in exact temperatures using minimum PCM for low-cost, precise temperature stability and freeze protection
- +23°C recharges during transit to provide extended heat protection
- +18°C and +23°C can be conditioned at normal warehouse/storage temperatures – no refrigeration required
- Prevents freeze shock / flash freezing to product
- Reusable | Non-leaking | No expiry date
- Adaptable to existing cold chain solutions; replaces gel packs in current cooler

## Performance & Longevity

- No expiry dates – indefinite shelf life
- Leak-proof technology – zero contamination risk
- Highly reusable
- Multiple temperature ranges: -21°C, +5°C, +18°C, +23°C

## Operational Simplicity

- Color-coded identification – visual confirmation prevents packing errors
- Multiple sizes available; custom sizes available
- Universal compatibility – not limited to TempAid coolers
- Rigid outer | Wipeable | Prevents product shift in transit

# Dimensions & Performance

| Sizes          | Small (9.84"×7.15")                                | Medium (9.84"×11")       |
|----------------|----------------------------------------------------|--------------------------|
| Phanse Options | 21°C   5°C   18°C   23°C                           | 21°C   5°C   18°C   23°C |
| Small / case   | 14 mats per case                                   | 14 mats per case         |
| Key Benefits   | Reusable   No sweating   Even thermal distribution |                          |



[www.tempaid.com](http://www.tempaid.com)

4085 Sladeview Crescent, Units 11-14,  
Mississauga, ON  
Canada

**Ready  
to talk?**

[info@tempaid.com](mailto:info@tempaid.com)

1-800-COLD-HOT