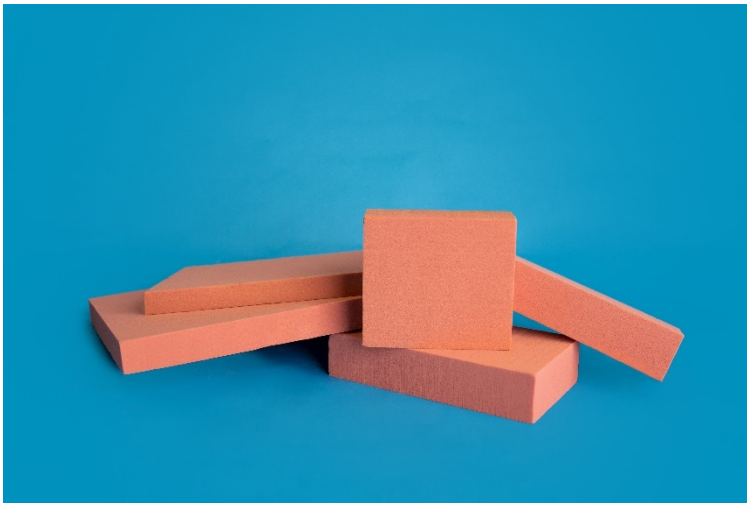
TEMPRECISION INTERNATIONAL

Temprecision® Foam

Temprecision International manufactures a high quality open-cell absorbent foam from a unique resin system for temperature control applications

Key Features

- Available in any shape and size
- Absorbs a variety of phase-change materials
- Optimized cell size, shape, and surface tension to retain fluid and minimize escape
- Prevents tumors or distortions when used as part of a refrigerant solution
- Maintains stackability
- When used within a refrigerant solution, most efficiently optimizes the contents of the container
- Disguises leaks and punctures (when used in conjunction with phase change materials)



Benefits:

- Easily customizable
- Absorbency

Users:

Solution oriented manufacturers of coolants for temperature controlled packaging

Applications:

The safe transport of blood, therapeutic drugs, vaccines, chemicals, gourmet foods or mail order meal kits

A cost-effective component alternative:

Rigid plastic bottles that are costly and require an initial high carbon footprint that reduces coolant capacity and promise reusability without the capability to manage a closed-loop return program.

Unstructured **Gel packs** that offer cheap refrigerants but cost significant payload capacity, leak when torn or punctured, and cause re-shipments.

An alternative for **Gel Packs within sleeves** in pallet shipper applications where gravity causes “hot spots” as they change phase.

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