

# Insulation support sheet FREANE

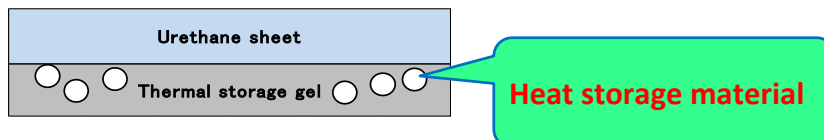
## Construction

Acrylic-based heat storage gel sheet and urethane sheet

## Characteristic

- (1) Heat insulation
- (2) Heat retention effect

## Constitution

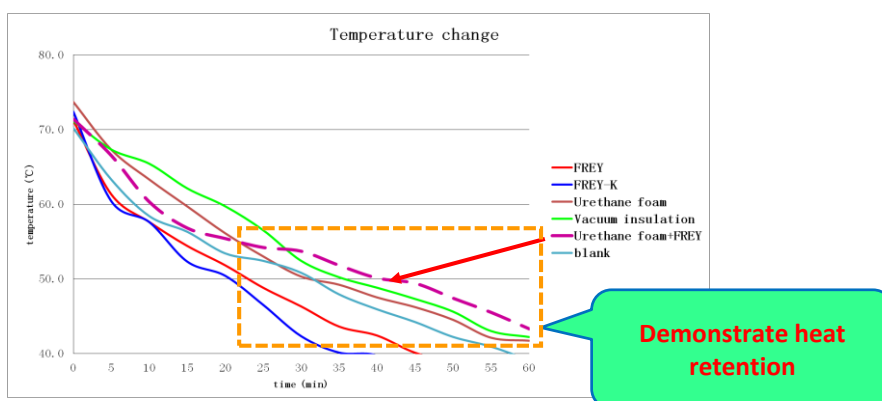
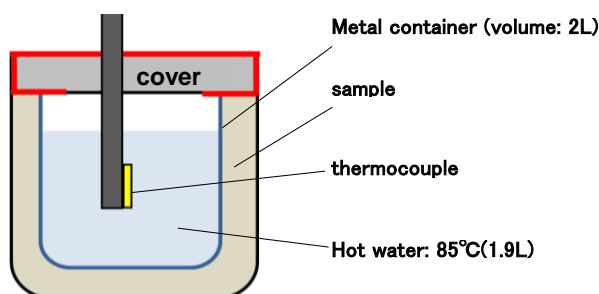


## Basic characteristics

| product name | Thickness<br>(μ) | Adhesive force<br>N/25mm | Thermal conductivity<br>W/m·K | Heat capacity (1cm)<br>J/K | Transition temperature<br>°C |
|--------------|------------------|--------------------------|-------------------------------|----------------------------|------------------------------|
| FREANE       | 500              | 10                       | 0.34                          | 14.0                       | 32                           |

## Thermal properties

- Hot water at a certain temperature (85°C) in a metal container.
- Record the temperature change when each sample is wrapped around the container and when no sample is applied.
- Thermocouple position: The center position inside the metal.



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