

PERMAWARM[®]

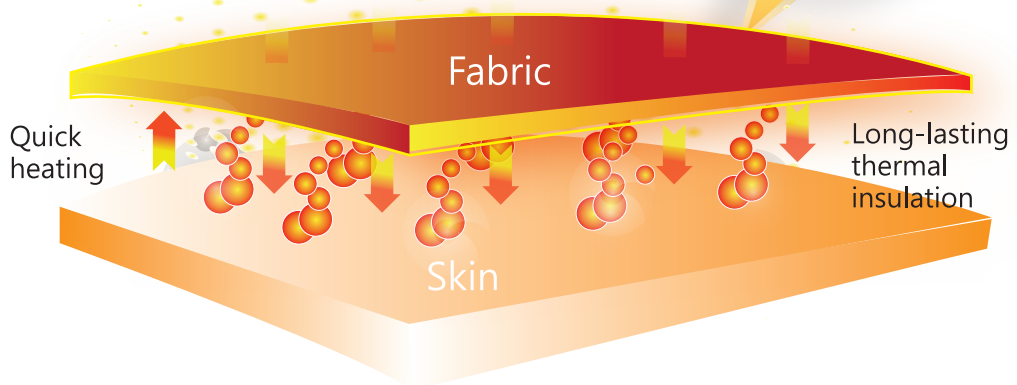
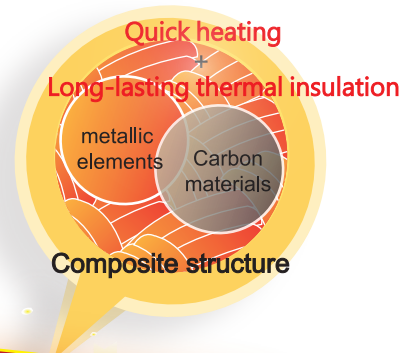
Thermal-Insulation Fabric

New-Generation High-Tech
Quick Thermal Heat-Insulation Materials

To cope with the coming era of functional thermal insulation, the new-generation quick thermal heat-insulation fabric converts environmental energy and body temperature into thermal energy that genuinely achieves the function and effect of thermal-insulation. It is a new high-tech lightweight material ideal for thermal insulation in the winter.

Advantages of PERMAWARM[®] Quick Thermal Heat-Insulation Fabric:

1. Advanced version with faster heating effect.
2. Patented trace metal + carbon materials with long-lasting composite structure
3. Quick heating speed that instantaneously insulates the heat

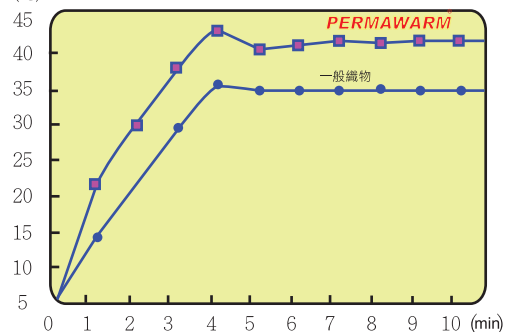


•Infrared Heat-Insulation Performance Test (FTC-RD-041):

Test results

Time elapsed after testing samples up to 35°C	General Fabric	PERMAWARM [®]
5 min	35°C	38°C Quick Heat
15 min	35°C	37.5°C Long-lasting

(°C) Test Data



*Environment temperature: 5°C ± 2°C

*Heat Source: Infrared thermal heat supplied to maintain the testing temperature at 35°C (A simulation of the effect of human body temperature on the heating process of the fabric).

*The actual performance should vary based on the construction and component of each product.