

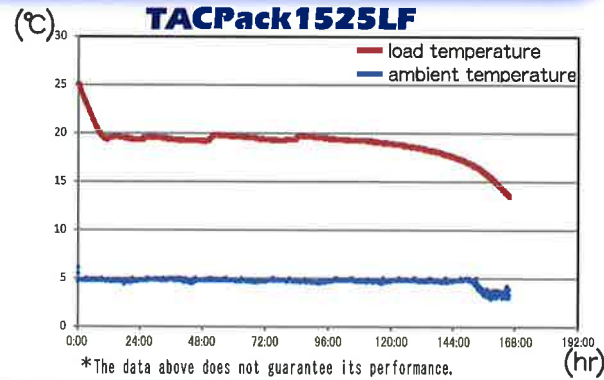
Temperature Controlled Package TACPack®

PRODUCED BY TAMAIKASEI co.,Ltd
made in JAPAN
<http://www.tamai-kasei.co.jp>

TACPack are reliable passive temperature controlled packages that meets your cold-chain needs. It keeps your product within a safe temperature range between **-50°C~+37°C** during transportation.

No Need for Driving Source nor Dry-ice to Keep it Safe!

- Maintains the load temperature within a safe range for a maximum of 160hrs. under -10°C ~ +35°C ambient temp. (TACPack-1525LF maintains +15°C~25°C under +5°C ambient temp. without goods inside.)
- Variety in PCM: -50°C~+37°C
- Highly evaluated for both international and domestic transports of temperature-sensitive products such as pharmaceutical, investigational medicinal products, foods, and precision machinery.



TACPack Combined Technologies of Insulated Box and PCM

Insulated BOX
from vial container to pallet size



PCM : PATTHERMO®
settable temp. range: -50°C ~ +37°C

Temperature Controlled Package
= TACPack®



Wide variety in the sizes and the maintaining temperature range offer you the best packaging solutions!

TACPack Parcel Solutions

Below -40°C
TACPack-40 series

Below -20°C
TACPack-20 series

2°C ~ 8°C
TACPack0208 series

15°C ~ 25°C
TACPack1525 series

35°C ~ 38°C
TACPack37 series

TACPack Customizable Packaging Solutions

Only 4 parameters are required to provide the best matched temperature controlled packages to your needs!

① Maintain Temp. Range

② Ambient Temp.

③ Payload Size

④ Duration



Design the Package

3D-CAD
Thermal simulation



Production

CAM/NC machine



Validation

Chamber

TACPack



Tailored to Your Needs

TACPack Example of Use

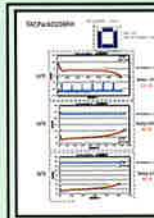
TACPack keeps temperature sensitive products within a safe temperature range during transit.



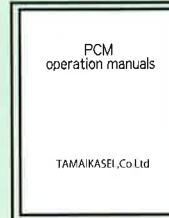
Technical Support



Packing manual shows the assembly process of TACPack with photos and illustrations.



Validation Data shows the validation data and how the load temp. changes over time under certain ambient temp.



PCM operation manuals shows the preparations required to use the PCM.

TACPack Outer Cover

Aluminum Cover



Carton



TAMAIKASEI Co., Ltd.

Web : <http://www.tamai-kasei.co.jp> Email: mailto@tamai-kasei.co.jp
3-524-9 Zenibako Otaru, Hokkaido, JAPAN 〒047-0261
TEL : +81-134-62-1100 FAX : +81-134-62-0777

Subject to change without prior notice.

-2017. 8. 24-