

Medpak Thermo

Packaging solution

Many pharmaceutical products and biomedical samples are sensitive to temperature change.

Medpak Thermo ensures the

- fast express distribution
- security
- safe handling and
- priority treatment

of these important and temperature-sensitive shipments.

Medpak Thermo was designed for the transportation of non-infectious specimens that require temperature-controlled packaging, such as test tube samples of blood and urine, that travel as UN 3373 Biological Substance Category B.

The complete solution comprises three key elements:

- insulated re-usable packaging
- temperature control (including dry ice or gel packs) and
- time-critical international transport



Medpak Thermo is a very robust polyurethane isotainer that meets all IATA specifications, ensuring operator protection and compliance with all appropriate regulations. It is also environmentally friendly and extremely easy to handle, in both packing and unpacking. Polyurethane has proven insulation qualities, and the thinner walls this allows also reduce overall volume.

Medpak Thermo can be used for both frozen and chilled products and samples.



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Frozen

To keep products frozen, Medpak Thermo uses dry ice for transportation of samples at minus 79.5° C. TNT offers three different types of Medpaks for frozen products:

Medpak Thermo 72

Internal dimensions: 255 x 210 x 170mm
External dimensions: 355 x 310 x 320mm
Payload: 1 litre PATHOPAK
Validated for 72 hours

Medpak Thermo 96

Internal dimensions: 258 x 258 x 258mm
External dimensions: 388 x 388 x 388mm
Payload: 2/3 litre PATHOPAK
Validated for 96 hours

Medpak Thermo 96 Intra Lab shipper

Internal dimensions: 320 x 320 x 320mm
External dimensions: 450 x 450 x 450mm
Payload: 4 Cryovial boxes of 135 x 135 x 75mm
Validated for 96 hours

Chilled

Medpak Thermo is the ideal solution for the transport of chilled samples – particularly those requiring a sustained temperature of between 2° - 8° C. By packing products with specially designed and highly effective cooling elements, they are maintained at a stable chilled temperature for up to 96 hours.

TNT offers Medpak chilled in two sizes:

BT 25

Internal dimensions: 315 x 315 x 240mm
External dimensions: 470 x 470 x 400mm
Payload: 6 litre

BT 45

Internal dimension: 440 x 385 x 275mm
External dimensions: 567 x 520 x 440mm
Payload: 15 litre

Other types of packaging are also available, such as the Coldshock Solution. Designed to keep products above 0°C for at least 10 hours when subjected to an ambient temperature of -40°C. It has a 1.5 litre payload and is supplied complete with TNT A5 Medpouch and 6 x 5°C PCM packs.

TNT also offers other sizes and validations of packaging. Please contact the Healthcare Centre in your country for more information.

