

# Transtherm<sup>®</sup> packing system

## Validated for the safe transport of blood bags

The temperature of blood transported to customers and between centres should be maintained within the limits prescribed in the UK BTS guidelines.

Ensure staff are properly trained and that they are aware of the requirements of this document.

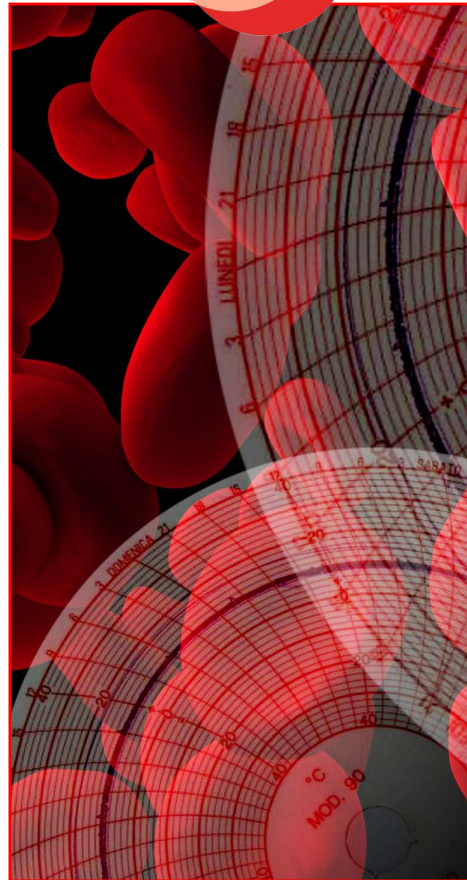
Ensure adequate packing equipment is available including boxes and cool packs.

The maximum transportation times for blood products are shown in the UK BTS guidelines.

These can only be achieved if the following conditions are met:

There should be no delay between removing product from its storage area and inserting into the Transtherm<sup>®</sup>. The effect of environmental temperature on packaging times is particularly significant on product normally stored at temperatures of 4°C or below.

**TRANSTHERM**



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creating the perfect environment

*instructions  
for using  
chill packs  
in the  
transtherm<sup>®</sup>  
insulated bag*

**Vindon**<sup>CO.UK</sup>  
scientific



*t r a n s t h e r m<sup>®</sup>*

## Instructions for the use of chill packs

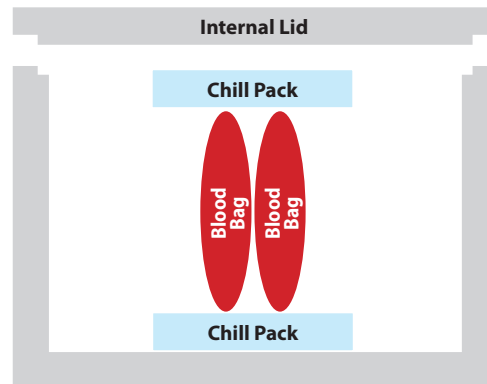
The diagrams opposite illustrate the only method to obtain the stipulated number of hours that each blood bag, filled with 250ml of fluid, will retain its temperature.

- Pre-chill each chill pack to a minimum of 4°C before placing into the insulated box.
- Ensure that each blood bag is placed in an upright position and each chill pack is located in position as indicated.
- Keep the handling of blood bags to a minimum to avoid the transfer of body heat to the bag which can result in the blood bags warming quickly.
- Ensure the box lid is correctly positioned and secured.



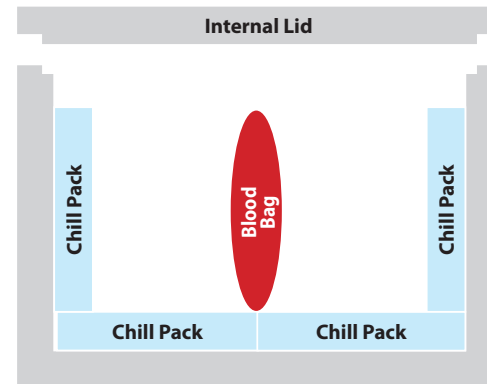
### 2 hours

2 Blood Bags - 2 Chill Packs



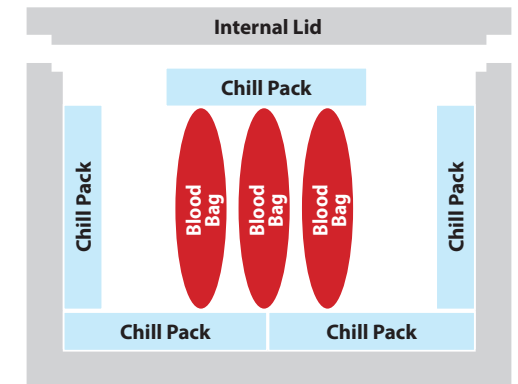
### 3 hours

1 Blood Bag - 4 Chill Packs



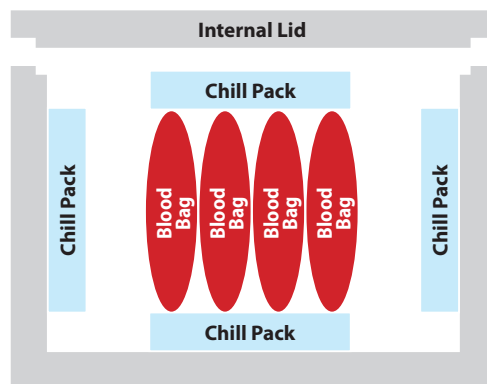
### 3 hours

3 Blood Bags - 5 Chill Packs



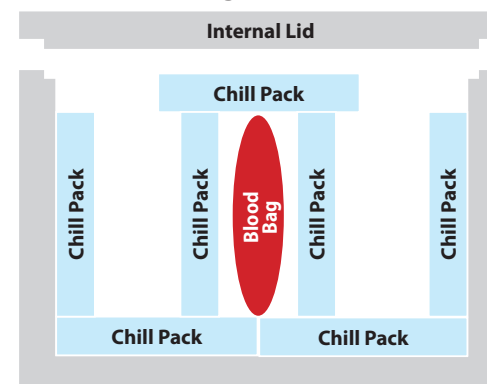
### 4 hours

4 Blood Bags - 4 Chill Packs



### 5 hours

1 Blood Bag - 7 Chill Packs



### 5 hours

2 Blood Bag - 6 Chill Packs

