

ISOTHERMAL CASE

TRANSPORTING 2-8°C MEDICATION

MGX-077



The start of a long, happy partnership

Thank you for buying the CoolMeds Global isothermal case. It should provide you with years of reliable service if used correctly. Please take a few minutes to read the important information in this product leaflet and contact us if you have any queries.

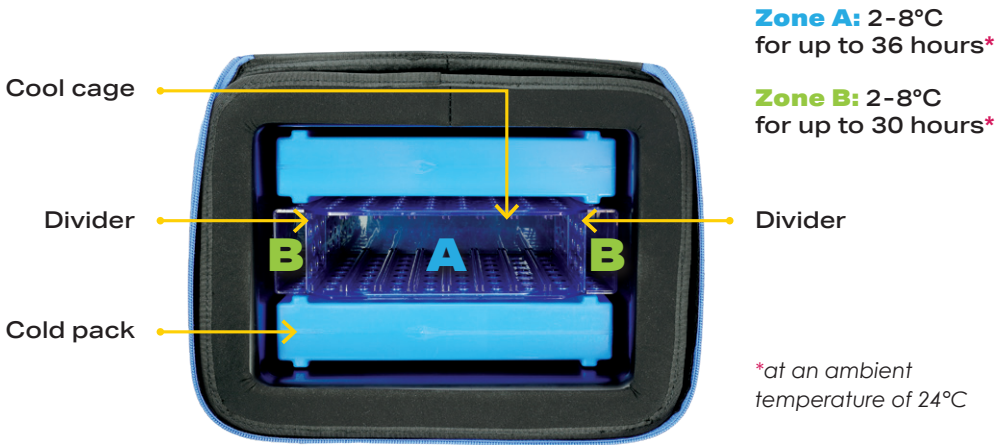
The Global has been validated as a 2-8°C case for transporting temperature sensitive medication for 30 to 36 hours. It is the solution for transporting chunkier pens and bottles that don't fit into conventional 2-8°C cases; and/or for transporting larger quantities of medication; and/or providing a longer period of 2-8°C protection.

Although every care has been taken to ensure your Global delivers consistently cold results, there are variables that can affect the functionality of the isothermal case over which the manufacturer has no control.

In particular, these variables include:

- ambient temperature and humidity
- exposure to direct sunlight
- the number of times the case is opened
- the temperature of the medication when first put into the case
- the length of time the case is left open
- length of time the medication is left in the case
- the temperature of the cold packs when first put into the case
- incorrectly positioned medication in the case

Inside the CoolMeds Global



Freezing the cold packs correctly

Ideally, pre-cool the cold packs in the FRIDGE for 6+ hours before placing them in the freezer. Freeze the 2 pre-cooled cold packs for at least 14 hours before needing to use them. Ensure the cold packs are placed on a flat, even surface in the freezer.

NB: If warm cold packs are placed in the freezer before they are pre-cooled, they may each form a pointy bump which could make it harder to insert everything into the case. Pre-cooling helps create a less-pointy bump.

NB: Because plastic becomes brittle when frozen, it is important to protect the frozen packs from being dropped as they might crack. You might not realise they are cracked until they start to thaw and gel leaks inside the case.

What protects my medication from overcooling?

1. The excess cold is initially absorbed by the multiple layers of insulation and the cool cage before stabilising at 2°C.
2. The ribbed cold packs flank the cool cage and protect the medication from overcooling by ensuring a narrow space is kept between the frozen cold packs and the cool cage. This space effectively creates a buffer zone which diffuses the cold and protects your medication from freezing. For this reason, do not use any other type of cold pack in the Global. The cold packs should be replaced every 24 months and may be purchased online at www.medigenix.co.uk.
3. When the cold packs are properly conditioned, they will ensure the medication is not overcooled. See Step 1 – Condition the cold packs.

Test run the CoolMeds Global

It is highly recommended that you try the case out before needing to use it for the first time because the temperature of your freezer, and the ambient conditions of your home, will affect how long it will take to condition the frozen cold packs. Most domestic freezers operate at -18°C so if frozen cold packs are put straight into the case, the temperature will drop to well below -10°C which will be too cold for your medication to go in the case. Therefore, cold packs must first be conditioned before going into the case.

Step 1 – Condition the cold packs

Conditioning the cold packs is the most important step. If you don't do this step properly, the temperature could dip too low for your medication.

Condition the cold packs by leaving the 2 frozen cold packs standing upright on the kitchen worktop. A frosty coating will form. **Wait until the frosty coating and any remaining ice melts and only water droplets remain on the cold packs.** The cold packs will now be fully conditioned and ready to go into the case. This entire process usually takes ± 50 minutes at an ambient temperature of between 17 and 21°C . It may take slightly more/less time, depending on a cooler/warmer ambient temperature.

Step 2 – Prepare the case

Place the 2 conditioned cold packs in the case and then place the empty cool cage (or empty fluted cool cage) in between the 2 cold packs. Ensure you have already positioned any cool cage dividers in the cool cage that you might need.

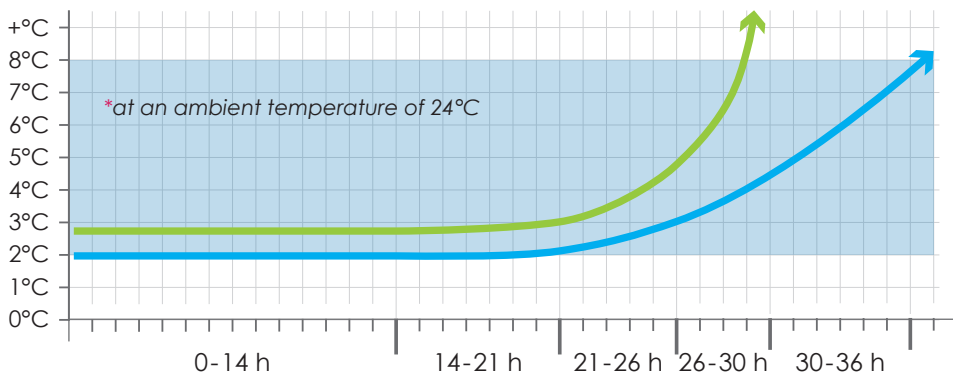
Zip the case closed and wait 15 minutes to allow the interior to cool to below 8°C . The insulation layers and the cool cage will absorb the initial cold and together with the cold packs, will chill the air within the case.

Step 3 – Insert the medication

After 15 minutes, open the case and insert your medication as quickly as possible. If you are reluctant to place medication in the case when first testing the case, use old medication pens, bottles or vials instead - anything to replicate the effect of having medication in the case.

Zip the case closed and you're ready to go.

The temperature will settle between 2 and 3°C for ± 21 hours before it slowly starts to climb. Kindly refer to the graph below. The green line shows how the temperature behaves in the 2 outer sections in **Zone B** of the cool cage and the blue line shows how the temperature behaves in the 8 inner sections in **Zone A**.



Zone A: 8 inner sections provide 2-8°C for up to 36 hours*

Zone B: 2 outer sections provide 2-8°C for up to 30 hours*

Everything must be contained within the cool cage. Do not place medication that sticks out above the 160 mm upper edge of the cool cage as it will compromise the seal of the lid against the case.



NB: When standing the medication upright in the cool cage, start by inserting the medication in **Zone A** of the cool cage. Use the removable dividers to control the position of the medication. If you need up to 36 hours of protection, do not place medication in the 2 outer sections of **Zone B**.

NB: When laying medication down flat, point the lids of your medication towards the outer sections so that the medication rests in the central part of the cool cage.



NB: If the cool cage is completely filled with medication, please remember that you will have 30 hours of 2-8°C protection and not 36 hours.



If you have light-sensitive medication that needs to be kept in the original box it came in, then the fluted cool cage may be used instead of the plastic cool cage. Simply slide the medication box into the fluted cool cage. Ensure the box fits into the fluted cool cage and does not protrude from it. Do not place the medication box in the Global without the cool cage as this will put the medication in direct contact with the cold packs which will endanger the medication.

*medication is for illustrative purposes only

Aftercare and storage

Once you have finished using the CoolMeds Global, remove the cold packs and allow them to defrost completely before wiping them dry. Wipe the inside of the case with a paper towel to remove any residual moisture otherwise there is the risk of mould growing inside the case. Air dry the rest of the components and then store the case, cold packs, cool cage, 8 dividers and fluted cool cage in the box it arrived in.

Travelling with 2-8°C medication



Travel with a letter from your doctor explaining that you need to transport 2 - 8°C medication; the medication leaflet and packaging, and this product info leaflet.

NB: Avoid opening the case as the cold air will escape and reduce the longevity of the frozen cold packs.



Because the cold packs are frozen, they are not considered a liquid and are therefore not a potential security issue. If the cold packs will be stored in your hand luggage for the return journey, remember to freeze them beforehand or they might be confiscated at airport security.



It can be helpful if the airline is happy to place the case in the fridge, with the medication safely inside, as it effectively lowers the ambient temperature; however, the case generally lasts the journey without this being necessary.

NB: Remember that because the case is insulated, it will prevent cold air from getting INTO the case. You will not be able to lower the internal temperature of the case by placing it in the fridge. It will simply slow down the defrosting time slightly.

NB: Do not store your case in the hold; it must be part of your hand luggage. It can only go into the hold when it is empty of medication, for example, on the return flight.



Keep the case out of direct sunlight and away from heat sources.

And finally...

If you adhere to the advice contained in this product info leaflet there's an excellent chance your medication will arrive at your destination in a safely chilled state. Please bear in mind the case, cold packs, cool cage, dividers and fluted cool cage are simply tools to help you, but ultimately you are responsible for the safety of your medication.

Wishing you a safe and enjoyable journey.



follow CoolMeds



DISCLAIMER: The responsibility for maintaining the medication at the required temperature is solely that of the user. In NO event shall Syringa UK Ltd or any of our representatives or retail customers be liable for any direct, indirect, punitive, incidental or special consequential damages to property, medication or life, whatsoever arising out of, or connected to, the use or misuse of the CoolMeds Global isothermal case, cold packs, cool cage, dividers or fluted cool cage. If you have changed your mind, please contact Customer Care to return the case before using it: customer-care@syringa-uk.co.uk.

1 YEAR WARRANTY

CONTACT US

Syringa UK Ltd

For product help and advice, please contact:

customer-care@syringa-uk.co.uk

+44 (0)1403 289 370

www.medigenix.co.uk

www.coolmeds.co.uk

COOLMEDS[®]
GLOBAL

Unit G Daux Road

Billingshurst

West Sussex

RH14 9SR

United Kingdom