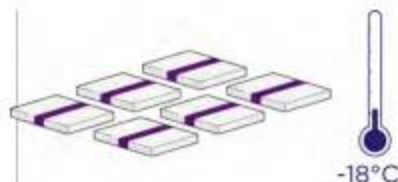


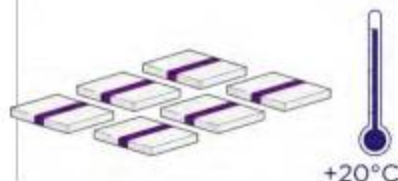
ORCA S 2-8°C Conditioning Guide

FREEZER TO ROOM TEMPERATURE PREPARATION

1. Place the ORCA S Utektile cassettes into a freezer and allow sufficient time for them to completely freeze (suggested minimum time of 24hrs at a warmest temperature of -18°C). Ensure all parts of all cassettes have been cooled such that they are frozen solid throughout. Once suitably frozen the panels can be held in the freezer space until your ORCA S systems are ready to use.



2. Take the frozen Utektile cassettes from the freezer space and lay them out in a room temperature environment ($+20^{\circ}\text{C}$ $\pm$ 3°C). Ensure they are well spaced to allow for even airflow. The cassettes require a minimum time of 40 minutes at this temperature in this space before they are ready for use. These panels can remain in this space for a further 20 minutes, before they will need to be returned to the freezer environment.



3. The Utektile cassettes define a fixed payload space where temperature control is maintained. Place one cassette in the base of the ORCA S insulation, with the coloured tape running **front to back**. Pack two Utektile cassettes against the front and rear of the ORCA S insulation, with the coloured tape running **horizontally**. Pack two Utektile cassettes against the sides of the ORCA S insulation, with the coloured tape running **vertically**. The payload can now be inserted into the space defined by these 5 cassettes. Place the remaining Utektile cassette on top, with the coloured tape running **front to back**.



4. Close the outer carton lid, and secure the lid with two strips of packing tape following the tape area marked with dotted lines. Your ORCA S is now ready to be shipped.

NOTICE

Do not puncture, scratch or bend the white vacuum insulation panels. This may result in vacuum loss, which will significantly reduce system performance. Each panel should feel rigid, and have a tense surface. If the vacuum has been lost panels will feel soft, flaccid and have a loose fitting surface.

If you believe any panel has been damaged do not use this system and refer to your local SOP or your Intelsius representative for guidance.

For alternative preparation protocols please contact Intelsius