

PCM Z1003

Phase Change Products or PCMs are a new technology ideal for accumulators for cold chain maintenance. The PCM Z 1003 has its melting point at 3.5 °C (becomes solid), and a latent heat of 280 which makes it ideal to maintain the temperature between 2 C and 8 C.

Advantages of the PCM

- Medications are not at risk of freezing.
- They have a more stable temperature curve. (+ time between 4 C and 6 ° C). Even in front of changes in the external temperature.
- If they enter the chamber from 2 ° C to 8 ° C, the PCM recharge.
- Compared with a traditional gel it is usually 15% lighter at the same volume of the container since it has another density than a traditional gel.
- More efficient use of spaces by not having to use thermal barriers to avoid freezing of medications. That is, the validated systems Zupeg has greater loading capacity.
- It takes less time in the freezer than a traditional gel for freezing.
- With PCM, there is a tendency to use 1 configuration or at the most 2 for the whole year, instead of 4 with traditional gels.

Attentively

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