

About us



Rubitherm® Technologies GmbH is the expert in PCM technology and development since 1993.

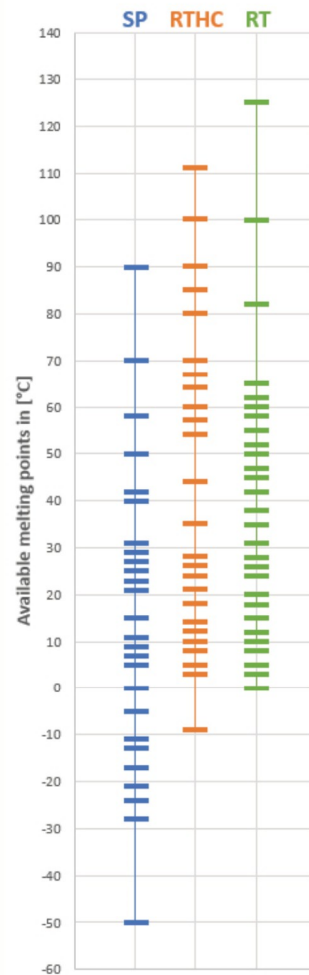
Our core competences are thermal batteries / thermal energy storage systems TES and materials for a wide array of applications, such as sustainable heating and air conditioning systems, transport of temperature-sensitive goods / pharmaceutical logistics / cold chain, the automotive industry for HVAC and batteries, functional textiles and the use in medical/therapeutic therapy.

What is PCM

PCMs (phase change materials) are materials that store vast amounts of energy through their phase change property.



There is a PCM for everybody



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SUMMER IS COMING PHASE CUBE

MADE BY RUBITHERM

Beat the heat with
the PhaseCube

How it works

The PhaseCube

RUBITHERM
Phase Change Material



0°C

0°C

333,5 kJ/kg
latent



0°C

80°C

333,5 kJ/kg
sensible



PCM works like technical ice-cubes – they store and release a lot of energy.

Rubitherm can set the melting temperature to what you need for your application!

**PHASE
CUBE**
MADE BY RUBITHERM

Cool Storage



Climate friendly



Independent of heat pumps



Refrigerant-free



1000Wh ~ 200m² House

The PhaseCube – your Cold Battery

Store the cold from the night and use it for free during the day.

Elegant design without error-prone technology:
simple, robust, permanently maintenance-free

Discharging during
the day



Charging
during the night