

# ICECATCH® Solid Insulated Cool

ICECATCH® Solid Insulated is a self-insulating cooling element with an integrated insulation layer. Its functionality is simple yet ingenious. The unique insulation layer prohibits radiative cooling from the frozen cool brick with a temperature of  $-18^{\circ}\text{C}$  from reaching your product. It only emits the desired cooling temperature of approx.  $\pm 0^{\circ}\text{C}$  into the

product space, thus ensuring that the temperature in the system's payload compartment stays above the critical value of  $+2^{\circ}\text{C}$ . This gives you the possibility of a secure cold chain from  $+2^{\circ}\text{C}$  to  $+8^{\circ}\text{C}$  for up to 120 hours.

## Technical Data

Melting range  $\pm 0^{\circ}\text{C}$

Phase transition  $0^{\circ}\text{C}$

Thermal capacity: liquid  $4,2 \text{ kJ/kg K}$ , fest  $2,08 \text{ kJ/kg K}$

Latent heat:  $330 \text{ kJ/kg}$

Spreading of heat absorption around  $0^{\circ}\text{C}$

Compatible with the PROTECT system packaging:

## PROTECTCOOL



## Key Advantages:

Qualified system solution for transporting at  $+2^{\circ}\text{C}$  to  $+8^{\circ}\text{C}$

No different preconditioning of cooling elements

Easy handling, no additional insulating material

Minimized procurement and storage costs, only one cool brick format needed

Reduced transport cost through weight reduction

Batch documentation and traceability of the cooling elements

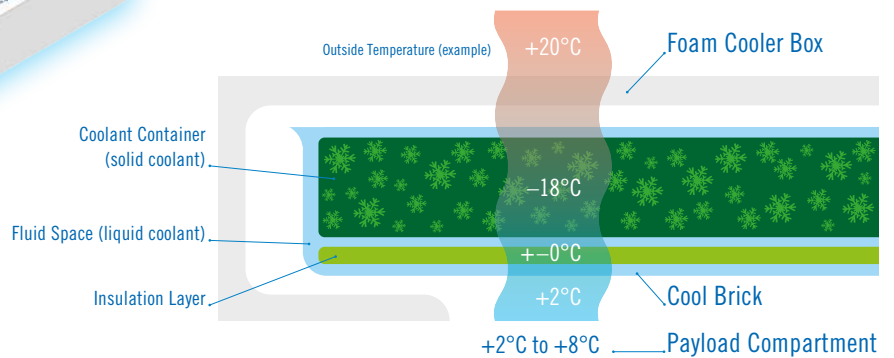
FDA and EU-compliant film, non-toxic ingredients

Robust PA/PE-composite film is approved for food and pharmaceutical use

Immediate global availability

No tooling costs

Increased leak protection through substrate-bound coolant in EPS or Neopor



sectional view ICECATCH® Solid Insulated

## List of standard sizes

weight	W x L x H in inches	product name	article no.	pcs./carton	cartons/pallet
1100 g	11.0 x 7.5 x 1.2	ICECATCH® Solid Insulated 1100 g	19-04002	12	40
1700 g	11.0 x 7.5 x 1.8	ICECATCH® Solid Insulated 1700 g	19-04001	8	40
500 g	7.7 x 5.1 x 0.9	ICECATCH® Solid Insulated 500 g	19-04004	24	32



You can find more information in our film gallery.

**ICECATCH®**  
Advanced Cooling Solutions  
an eutecma brand

eutecma gmbh · Tel. +49 (0) 621-1282526-0 · www.eutecma.com · info@eutecma.com