

IcePackEco



Datasheet

Everyday products are packaged that are subject to temperature influences during transport to customers. Many products will lose its quality if the right measures are not taken to protect the product.

In practice, it appears that plastic and environmentally unfriendly ice packs are often used to keep the temperature in the packaging low.

Thermologistics has developed a solution that provides a highly effective and environmentally friendly icepack for ensuring temperature during transport.

The **IcePackEco** realizes these features by using food-approved quality components: kraft paper and filter material (non-woven) combined with super absorbent polymers.

The loose sheets of the **IcePackEco** are easily activated by placing them in water. The super absorbent polymer immediately absorbs the water through the filter material. Within 10 minutes, it has absorbed enough water to form cushion-shaped ice cubes that must be placed in a freezer for at least 10 hours before use.

The **IcePackEco** is in frozen condition a flexible icepack that can be easily folded around the cool product. After thawing the IcePackEco, the water will remain bound in the super absorbent polymers and not released into the packaging.

This enables **IcePackEco** to provide very effective protection during the transport of perishable products.

The **IcePackEco** can be reused by going through the activation process again.



IcePackEco hydrated and frozen.

Technical specifications:

The **IcePackEco** is an environmentally friendly solution for keeping perishable products cool during transport. This innovative product is delivered dry, saving for transport and storage.

The IcePackEco can be delivered in a 6, 12 and 24 cell variant.

The following specifications apply;

- Width. 20 cm
- Length. 14 cm
- Frozen weight. 0.2 kg
- Dry weight. 0.008 kg
- 1 box contains 1,600 IcePackEco with 6 cells.

The **IcePackEco** has a very minimal storage capacity and is light in weight. The size of 1 box is 40x40x40 cm and weighs 13 kg with a potential of 320 kg after activation.



IcePackEco dry.

Printing

The **IcePackEco** can be equipped with a logo, date, time stamp, instructions and anything as desired.