

# 100% PAPER BASED, RECYCLED AND RECYCLABLE CARTON INSULATION PACKAGING CONCEPT



The **EcoFreezeBox** is designed for deep freeze temperature ranges from  $-70^{\circ}\text{C}$  to  $-20^{\circ}\text{C}$  in combination with dry ice. The **EcoFreezeBox** is 100% paper based, recycled and recyclable. The **EcoFreezeBox** is suitable for cold chain logistics for life science, pharmaceutical and clinical trials.



Clean recycled carton fibres are the basis of the **EcoFreezeBox** insulation concept. The fibres offer ultimate insulation properties. The fibres do not contain any post-consumer waste, fully comply with the European guidelines for contact with food and can be recycled again.

The **EcoFreezeBox** is prequalified against ISTA 3A, ISTA 7E and UN 3373 / PI650. We can also offer custom print on request.



**80 / 105 hours**



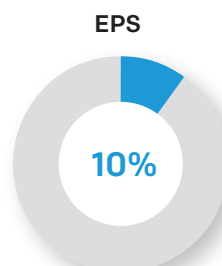
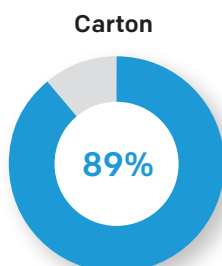
**$-70^{\circ}\text{C}$  /  $-20^{\circ}\text{C}$**

100% paper based insulated packaging the most circular option;

**9x**  
**MORE CIRCULAR**  
compared to EPS  
insulated packaging

**3x**  
**LESS CO<sub>2</sub> EMISSION**  
compared to EPS  
insulated packaging

Material Circularity Indicator



Based on a Life Cycle Assessment using the Gabi models and Circularity Indicators from Ellen McArthur Foundation & Granta Design for a single use insulated box. The higher the value the more circular the product.

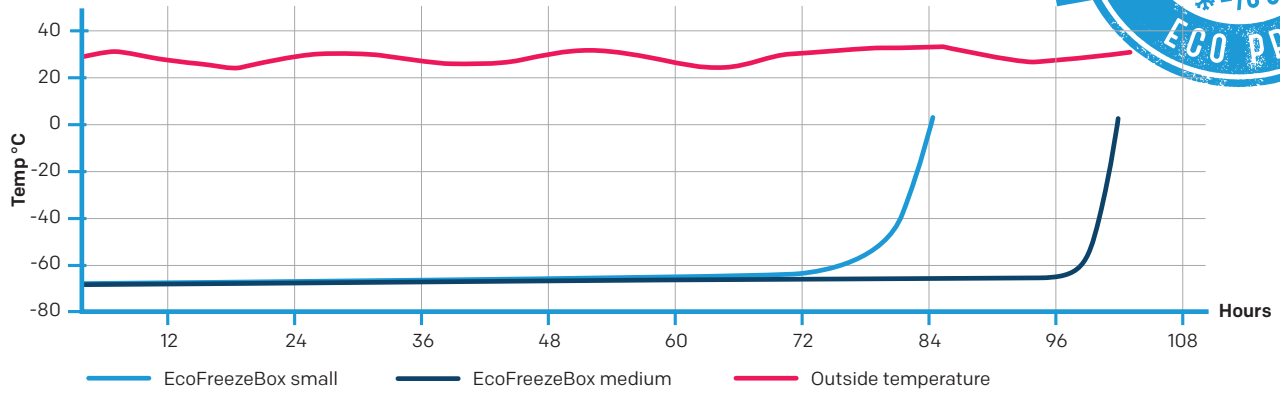
The **EcoCoolBox** is patented.

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### EcoFreezeBox ISTA 7E summer temperature profile



Qualified against:

- ISTA 7E summer temperature profile
- ISTA 3A test for individual packaged-product shipped through a parcel delivery system
- UN 3373/ PI650 packaging requirements and instructions for dangerous products.

### EcoFreezeBox



Product	Product code	External dimensions	Payload dimensions	Payload litres	Duration hours -70°C / -60°C	Duration hours -70°C / -20°C
Small	10.014	383 x 295 x 345	250 x 165 x 200	8	75	80
Medium	10.019	470 x 370 x 375	330 x 235 x 235	18	102	105