

BOKS

Circular insulative ecommerce packaging

100% Reusable
0% Waste



BOKS is an insulative reusable packaging for ecommerce. It assists webshops to transport cooled perishable goods directly to their customers without creating waste.

BOKS is designed to replace single use packaging such as cardboard and non recyclable packaging such as Polystyrene (EPS). By making use of passive cooling no additional energy input is required to keep the products cooled.

36 Hr

Cooling time for
3kg food at 27 C

40.0 %

Volume reduction
with folding
mechanism

68.3 %

Lower CO2 emissions
compared to
cardboard box

14.0 Trips

Till CO2 break even
point is reached

37.1 Kg

Single use cardboard
is saved over its
complete lifetime

Organic hemp insulation

The walls of BOKS are filled with a 25 mm organic hemp layer. The insulative principle of hemp is based on that of wool, small air pockets in the material prevent heat from transferring through. Due to this insulation layer the products stay cooled reliably for up to 36 Hours. Within this timeframe two delivery moments can be achieved with a success rate of 99.9%.

Zero waste

BOKS is designed for contin-use, it flows from stakeholder to stakeholder in the reuse system. It can be reused up to 100 times and therefore saves up to 37.1 kg of single use packaging, insulation and buffer materials. The folding mechanism results in a 40% volume reduction which makes BOKS efficient in logistics and more manageable to handle for its users.

Reuse system

