

Environmentally conscious gel packs

Manufactured from partly recycled or renewable materials

Innovation and sustainability are high on the agenda at De Ridder Packaging. We are therefore proud to offer you environmentally conscious gel packs. This leaflet gives you an overview of the sustainable possibilities in foils and cooling fillings. You can combine the two elements as desired to create the ideal environmentally conscious gel pack for your application.



Foil based on sugar cane

- Gel packs with Green (BIO) white PE foil
- Sugar cane (instead of oil) as resource for the foil
- Can be combined with a cooling filling of your choice



FOOD SAFE



WATER REPELLENT



I'M GREEN



CUSTOMIZATION



Foil based on 35 to 40% recycled material

- Gel packs of 35-40% recycled material
- 60-65% virgin material based on polyethylene
- Can be combined with a cooling filling of your choice



WATER REPELLENT



CUSTOMIZATION

Applications of gel packs

Gel packs are used for the cooled and conditioned transport of goods. You can think of fresh fish, meat, cut flowers and medical products. Gel packs are also used for shipping other foodstuffs that need to be kept refrigerated or conditioned. The gel packs are suitable for cooling at 0 to 8 degrees and are usually used for transports up to 48 hours.

For products that need to be transported below freezing point or warmer than 8 degrees, you can use Phase Change Material (PCM). Gel packs are ideally suited for single use. They therefore lend themselves well to shipments without a return procedure, whereby the packaging materials remain with the recipient.



Cooling filling based on cellulose

- Basic raw material is CMC (Carboxymethylcellulose)
- Does not contain polymers
- Due to the thick structure, the cooling gel does not easily run out of the gel pack in case of leakage



FOOD SAFE



0 TO 8°C



CUSTOMIZATION



Cooling filling of UV-treated water

- Cooling filling completely based on UV-treated water
- Receiver can flush cooling filling down the sink
- Cooling filling runs out of gel pack relatively quickly in case of leakage



FOOD SAFE



0 TO 8°C



CUSTOMIZATION



PCM free of microplastics

- Does not contain polymers
- Suitable for transports from -23 °C to +21 °C
- Due to the thick structure, the cooling gel does not easily run out of the gel pack in case of leakage



FOOD SAFE



-23 TO +21°C



CUSTOMIZATION



Do you need more information?
Feel free to contact us.

De Ridder Packaging
Industrieweg 11b
1566 JB Assendelft
The Netherlands

+31 (0)251 36 29 60
info@deridderpackaging.nl