Product data, safety sheet and test report for Gel packs -3 °C





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1. Description and how to use

Gel packs are used to keep temperature sensitive products refrigerated during shipments.
The gel packs are meant for single use but can be used multiple times if cleaned properly with lukewarm water and normal household soap.
-3 °C gelpacks are normally used for products that needs to be kept at 0 to +2 °C. However, this depends on the shipping method used, how and how many gel packs used. The gel packs must either be frozen or refrigerated, depending on the desired use.
Contact us fortechnical details.

2. Sizes

2.1 Article number

2015400-3CF–400 ml

2.2 Standard dim

2015400/3CF–400 ml+/-5 ml
(200 x 150 x ca. 25 mm)

2.3 Standard packaging – Dim. Cardboard (379x 284x 165 mm)

2015400-3F–400 ml–30 pcs

3. Foil

The foil consists of OPA-transparent and PE-transparent.

Thickness 15 + 70 my.

ASTM 3985 -ASTM 1249 / DIN 53122

Shelf life: Minimum 2 years
(avoid direct sunlight, UV light degrades our BIO-based gel mass)

4. Gel mass

The gelpack is developed together with White Labs Copenhagen. The main ingredient is Fermentate, an organic waste product from beer production, delivered by White Labs.
We mix in a little bit of super absorbent to make it jelly. Our super absorbent is biodegradable and will degrade after 3-6 days in direct contact with UV/sunlight.

5. Production

On sunny days our production facility runs completely on solar energy.

6. Disposal

After use sort film as plastic and mix content with kitchen salt and wash down the drain.

7. Import / Export tariff code

3824999699

8. Safety

The gel packs are not harmful to humans or the environment.
Don't eat or feed to animals. Gel packs are not meant for human or animal consumption.
Don't use as ice cubes in beverage or drinks.
If eaten or swallowed seek doctor or hospital and show this data sheet.
Phone this number incase of an emergency: +45 61132000

9. Climate chamber test report 24 transport



EPS box 210

Test is made on 17-12 to 18-12-2022. Ref: 17122022-1
Test performed in our EPS box 210
Exterior dimensions: 350 x 350 x 300 mm
Internal dimensions: 250 x 250 x 200 mm
Wall thickness: 50 mm
Density: 25 g / liter
Number of gel packs: 4 pcs. 400 ml -3 °C (2 pcs. Top and 2 pcs. Bottom)
Gel packs frozen at -18 to -16 °C for 48 hours.
Gelpacks acclimatized at +20 °C for 60 min before packing.
Payload: 1 water bottles of 0.85 liter with a start temperature of 0 °C.
Average outside temperature: +21.66 °C
Average inside product: +0,51 °C

