



Gulf Green Pack

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Product FAQ

GGP Green Library, 2009-2010

What kind of plant fibers are Gulf Green Pack products made of? Do they come from renewable sources?

Gulf Green Pack products are made mainly from all natural pulp fibers including among others, bamboo, reeds, willow and agricultural by-products.

What is the additive Green Pack made of?

Green Pack is mainly composed of starch.

Is Gulf Green Pack genetically modifications (GM) free?

Yes. Gulf Green Pack products contain no genetically modified material.

Are Gulf Green Pack products totally free of chemicals?

Our products are totally chemical free and non-toxic. They are made only with all natural products.

Why are Gulf Green Pack plates brown in color?

Gulf Green Pack is dedicated to protecting the environment. We chose not to use bleaching process necessary to create "white" plates in order to minimize resources used in the creation of our product. Sewage disposal after the bleaching process is very damaging to aquatic lives. Color variations in our products from time to time are simply due to the natural color variation between bamboo pulps.

Does Gulf Green Pack have any kind of odor?

Gulf Green Pack product, just like any other natural product, has a natural plant aroma. It does no harm to your body and will not affect food taste.

How thick is a Green Pack?

Gulf Green Pack products are normally 0.7 ± 0.05 mm thick, but may vary according to the intended use.

Do pests and mice feed on Green Pack?

No. Gulf Green Pack ingredients are totally dehydrated and crystallized so they are not especially attractive to pests and mice.

Does Gulf Green Pack resist to molds?

Gulf Green Pack does not develop mold unless it is prone to very demanding environments.

Are Gulf Green Pack plates recyclable?

For the safety of consumers, any plate or bowl that has absorbed food material usually will not be recycled due to the difficulty of cleaning the material for reuse in the recycling process. Gulf Green Pack plates that have not absorbed any food material may be recyclable in some communities.

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What is Green Packs maximum heat tolerance?

Gulf Green Pack is heat tolerant and can be put in the microwave and oven. Alike other natural products, extremely hot food might cause Gulf Green Pack to lose some of its physical strength, but the maximum heat tolerance of an Gulf Green Pack can be up to 250°C.

For how long can a Gulf Green Pack withstand water?

A Gulf Green Pack product can hold cold water for a minimum of 5 days and boiling water for a minimum of 30 minutes without losing its physical strength.

For how long can a Gulf Green Pack withstand hot food?

Under normal use, a Gulf Green Pack

product can endure hot food for approximately one day but actual time depends on food moisture content.

For how long can a Gulf Green Pack withstand hot soup?

A Gulf Green Pack product can withstand up to 95°C hot soup for a minimum of 30 minutes.

How long does it take before a Gulf Green Pack gets soft?

When holding hot liquids or juicy food, an Gulf Green Pack product may get soft after 15-20 minutes, but usually will not deform.

How long does it take before a Gulf Green Pack starts to degrade?

Degradation starts when an Gulf Green Pack product comes into direct contact with an appropriate type and amount of microorganisms and water or soil and at ambient environmental conditions.

How long does it take for the degradation to complete?

Gulf Green Pack does not only degrade but also decomposes (refer to Q18) to 64% within 180 days. It takes a further 90 days to vanish in a simulated landfill environment.

What is the difference between “decomposable” & “degradable”?

Decomposable is the highest level of breaking down. Like a dry leaf, eventually turns into water and carbon dioxide and mineral.

Degradation usually applies to plastics polymers. The long chain will start to break up into shorter chain size while having the same unchanged

chemical properties. From degradation to decomposition, the process can take hundreds of years. However, with structural manipulation, one can speed up the degradation process; the product is then called **Biodegradable**. Gulf Green Pack product is 100% decomposable.

What are the end products of biodegradation and do they have any harmful effect on the environment?

The end products of biodegradation are carbon dioxide, water, and biomass. Extensive studies and tests have been conducted by Gulf Green Pack with internationally recognized laboratories and institutions to confirm that they do not leave harmful or toxic residues on the environment.

Will Gulf Green Pack degrade during usage?

Gulf Green Pack will only degrade when in contact with the four elements of the photosynthesis process: Light, Water, Heat and Soil.

Can I put a Gulf Green Pack into a microwave oven? For how long?

If Gulf Green Pack is used to warm up food, it functions reasonably well in a microwave. You can put an Gulf Green Pack in a household 750 watt microwave on full power for at least 5 minutes.

Can I put an Gulf Green Pack into a steamer? For how long?

Yes, you can put an Gulf Green Pack product into a steamer for an hour without losing its physical strength.

Can I put a Gulf Green Pack into an

oven? For how long?

Yes, you can put an Gulf Green Pack product in a 250°C oven for 30 minutes without losing its physical strength.

Can I store an Gulf Green Pack in the refrigerator? For how long?

Yes, you can put an Gulf Green Pack product in a refrigerator for 7 days and in a freezer for 3 months.

Can I put sour food into a Green Pack®?

Yes, you can use Gulf Green Pack with all reasonably sour food. But it is not recommended.

Can Gulf Green Pack go through the cook chill process?

Yes. It is possible to use Gulf Green Pack serving meals several days after they have been made, without bacteria or pathogenic micro-organisms proliferating to dangerous levels, and without having recourse to quick freezing.

How long is Green Pack's shelf life?

Yes, you can put an Gulf Green Pack product in a refrigerator for 7 days and in a freezer for 3 months.

Does Gulf Green Pack product have a low carbon footprint?

Yes. Gulf Green Pack utilizes bulk purchase and efficient transportation logistics. We also use renewable raw materials for production, which is why our carbon emission is therefore minimal.

Does the factory where Gulf Green Pack products are made comply with International Quality Management

Standards?

Gulf Green Pack factory comply with the ISO 22000 (Combined ISO 9001 Quality Management System Certifications, ISO 14001 Environmental Management System Certifications and Food Safety Management System Certifications HACCP).

Does Gulf Green Pack meet any international food packaging standards?

Yes, Gulf Green Pack products meet FDA, HKEPD HS standards, China GB standards, US Green Seal Standards, European biodegradability and compostability EN13432 standards, and the Canadian Consumer Packaging and Labelling Act C-38.

Is Gulf Green Pack expensive?

Gulf Green Pack products are competitively priced in comparison with many petroleum based products.

Can you make a specific product for a client?

Yes we can. Gulf Green Pack specializes in proprietary customized designs' developments, for hundred's of possible applications. For additional information or to submit your specifications, please contact us.

Why don't you have biodegradable transparent lids for Gulf Green Pack containers?

Unfortunately, biodegradable transparent lids for hot servings are not produced anywhere in the world... yet. This is a major gap in biodegradable products and we are confident that with the advanced technology being focused on these

types of products, biodegradable hot serving's transparent lids will be manufactured within the next few years. When they begin to be produced, you can count on Gulf Green Pack to be one of the first companies to carry them.

Where can I buy Gulf Green Pack products?

You can reach us by calling at +971 6 5571575 or at info@gulfgreenpack.com. Visit us again at www.GulfGreenPack.com