

HydroFreeze™+

Coolpack's -21° deep frozen cold chain solution

HydroFreeze™+ is a specialized cooling aid designed for the thermal preservation of deep frozen products. In combination with suitable insulated packaging, HydroFreeze™+ keeps product temperatures below the critical threshold of -12°C, even during long transports. Functioning similarly to dry ice up to temperatures around the -21°C mark, HydroFreeze™+ stands out for its enhanced safety features. Unlike dry ice, HydroFreeze™+ products are not classified as hazardous goods during shipping and do not require any specialized handling.

While water freezes at 0°C, HydroFreeze™+ boasts a freezing point of -21°C. Once packed, the contents settle at approximately -21°C during the transition from solid to liquid state, effectively maintaining the temperature of the products.

For optimal performance, it is advised to store HydroFreeze™+ at temperatures below -35°C for at least 48 hours or -30°C for at least 24 hours before use. The colder the freezer, the quicker HydroFreeze™+ freezes and becomes ready for use.

The HydroFreeze™+ solution can be reused for as long as the package remains undamaged. The HydroFreeze™+ packs ensure environmentally conscious disposal, as the drain-safe filling can be effortlessly and safely poured into the sink and flushed with running water.

The HydroFreeze™+ solution can be used in a wide variety of applications, ranging from elements and plates to packs of all shapes and sizes. For every transportation challenge, an HydroFreeze™+ solution is available.

✓ **Non-toxic, non-hazardous and food safe formulation** - Containing only ingredients on the FDA's SCOGS database

✓ **Freezing point of -21°C** - Store HydroFreeze™+ around -30°C for immediate use

✓ **Provides extended temperature hold below -21°C**

✓ **Safe alternative to dry ice** - Use HydroFreeze™+ when -21°C suffices for your cooling requirements

✓ **Drain-safe solution** - Contents of HydroFreeze™+ are drain-safe and can be flushed through the sink with running water

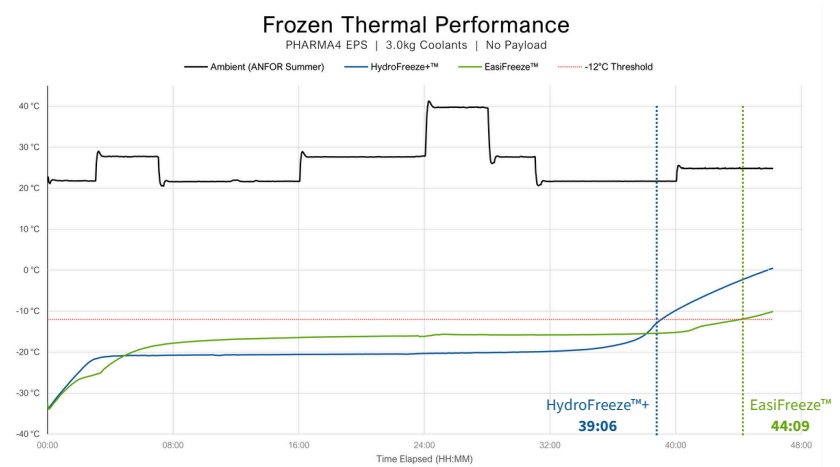
✓ **Explore tailor-made solutions for your specific needs**

Top pick for temperature stable transport

Specifically engineered to excel during long-haul transportation, HydroFreeze™+ ensures temperature maintenance around the -21°C mark, surpassing conventional cooling methods. Designed with safety and performance in mind, this solution outperforms traditional alternatives, guaranteeing secure product preservation throughout the duration of the transportation.

When to choose HydroFreeze™+ over EasiFreeze™

Both solutions are ideal for the safe thermal preservation of frozen goods. The EasiFreeze™ formula really excels in shorter freeze times, saving approximately 33% of freezing time. HydroFreeze™+ will have a lower temperature then Easifreeze™.



Frozen thermal performance of HydroFreeze compared to HydroFreeze alternatives. Test was executed with 3000 grams of coolants, no payload and the PHARMA4 EPA box. Full test results are available upon request.

Did we spark your interest? Reach out to our product experts now and find out how HydroFreeze™+ can benefit your business!



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FREEZE

HydroFreeze™+

Available HydroFreeze™ applications

Elements and Plates



Here to last

Elements and plates are available in a wide range of colours, shapes and sizes. Filling elements and plates with HydroFreeze™ allows for multiple use of the cooling agent, a solid and more sustainable use of materials.

Sponge packs



Don't get bent out of shape

Coolpack's sponge pack solutions are designed to keep their shape in both frozen and liquid state. The sponge pack is suited for multiple use, as long as the package remains undamaged.

Gel packs and Tray packs



Full flexibility

The pillow and tray shaped soft elements are available in a wide range of foils, thicknesses, lengths, and grammages. Gel packs and tray packs are the most popular HydroFreeze™ packages in our range.

200+

products
in portfolio

1,500+

returning
customers

#1

largest supplier in
the business

-65°C

max. freezing
capacity

Your trusted cold chain supplier for 20+ years

Our success was built on extensive expertise and deep insights acquired during our two-decade journey. Boasting an impressive portfolio of over 200 in-house manufactured products, our commitment to quality and innovation remains unparalleled. From catering to small-scale standard demands to engineering bespoke solutions for large corporates, we continually raise the bar.

Our proactive approach in addressing intricate transportation hurdles within the chilled and frozen logistics landscape distinguishes us as pioneers in the industry. Seamless collaboration with our clients is our #1 priority, ensuring their ever-evolving needs are met. Coolpack's team of product experts has the knowledge and expertise to cater every need in the cold chain supply.



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