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*Claus Hansen, Pharma Nord*

**Pharma Nord**

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# Tablets are protected against temperature fluctuations

**Pharmaceutical manufacturer Pharma Nord ships medicines, vitamins and supplements to more than 40 countries, often by air. Therefore, the temperature fluctuations to which the goods are exposed on the way to the customer must be controlled.**

## High quality standards make demands

“We work within the product groups of medicines, vitamins and dietary supplements, and therefore, with very high quality standards in our company. Therefore, it must also be controlled how the products reach the customer. By using Combitherms thermal covers, we have even better assurance that our shipments comply with the temperature limits during transport,” says Claus Hansen, Supply Chain Manager and Chief Financial Officer at Pharma Nord.

“It’s actually not so much about the time the item is on the aircraft, on board the lorry or temporarily stored in a warehouse, because here the temperature is generally controlled. It’s more about the situations where our products are being moved from the aircraft to warehouse and back again in connection with stopovers. That is, when the goods are on pallets on the tarmac next to the aircraft,” Claus continues.

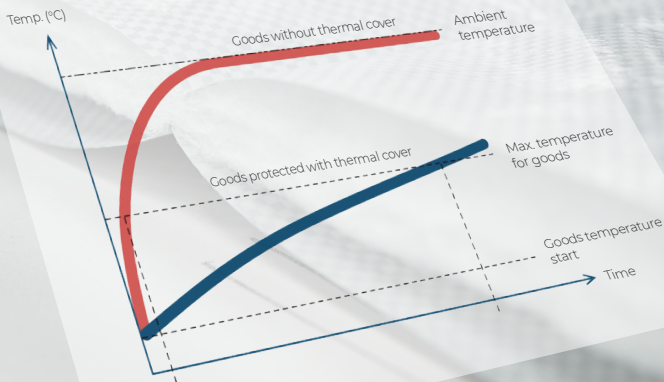
## The temperature is kept stable

Therefore, it is vital for Claus Hansen that nothing goes wrong during transport. The company puts temperature loggers on both the inside and outside of a pallet.

Inside because it shows how the products are affected and outside to be able to assess the temperature of the 'environment' around the products.

The measurements from the temperature loggers can be analysed with specially designed software, where it is possible to follow the temperature fluctuations continuously. "For me, it's about keeping the temperature stable and should the 'environment' temperature rise, it's then crucial that the product temperature increases as slowly as possible when the pallet, for example, is standing on the tarmac while waiting to be taken to storage or on board the aircraft. Therefore, we have researched the possibilities and found that Combitherm has the right solutions. With some adjustments, the product works well for us," says Claus Hansen.

**Combitherms thermal covers may be made from several different foil types and with varying insulation thicknesses depending of the customer specific requirements.**



## Good dialog and customized solutions

"Both the initial meeting with Combitherm, as well as the subsequent collaboration about modification and adjustments to Pharma Nords needs, has been extremely positive. Today we have an excellent solution, so the item reaches the customer safely," Claus Hansen adds. "We don't compromise on the quality of our products, and we must at all times maintain the integrity of the products, and therefore, the transport must of course also be in order," he says.

At Combitherm, it is precisely this type of assignment that the company makes a virtue out of handling. "It's precisely this type of special assignment that we are particularly strong at, among other things, because we can adapt the product to the exact task," says Morten Bro Petersen, Resale Sales Manager from Combitherm.



*Pharma Nord is one of Europe's leading companies within products with essential nutrients. The pharmaceutical manufacturer develops, produces and markets nutritional supplements and medicines with an emphasis on high absorbability, safety and documentation.*

## World-class temperature control

Combitherm is amongst the leading European manufacturers of flexible, tailor-made and energy-saving thermal solutions for a wide range of industries working with temperature-sensitive products and processes and where temperature fluctuations must be kept to a minimum.

Our products include thermal covers, truck partitions, insulating mats, winter, concrete and asphalt mats as well as composite covers, all of which are important elements in the cooling chain in the transport and storage of e.g., foods and medicine or in relation to companies wishing to stabilise casting and curing processes within concrete and composite.

All development and production take place in Denmark, and with more than 40 years of experience, Combitherm offers advice and sparring thereby ensuring that our customers get an optimal, customized solution with long durability and consideration for the environment.