

# Combitherm

## Thermal covers

### Safe transport and storage of temperature-sensitive goods

Particularly within the food and pharmaceutical industry, compliance with specific temperature requirements is essential in connection with both transport and storage, to maintain the cold chain and for the goods to arrive in optimal condition.

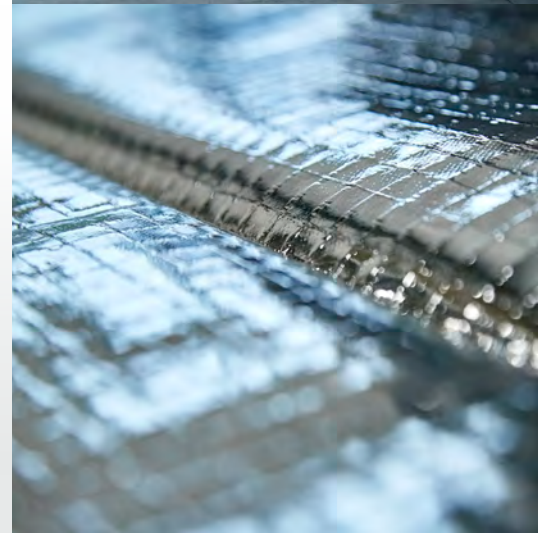
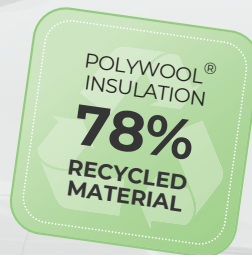
Combitherm thermal covers are an effective solution when the goods must be protected against temperature fluctuations or contamination from the environment without any use of electricity or other energy.

#### Quality, Inside Out

Combitherm thermal covers have been developed with a focus on quality and durability. The thermal solution is based on a multi-layer design with efficient Polywool insulation with spiral polyester hollow fibres and a selection of foils for temperature stabilisation of, for example, food, medicine, chemicals, cosmetics and paint, and for transport by lorry, plane, and ship.

#### Noticeable advantages

- Insulation from 78% rPET fibres
- Safe and simple maintenance of the cold chain
- Effective protection against ambient temperature fluctuations
- Temperature stabilisation from a few hours to several days
- Hygienic and easy to clean
- Light, flexible and easy to handle
- Option for food-approved foils
- High reflection of cold, heat and sunlight optimises temperature stabilisation



## Customised thermal solutions

Individual design and high flexibility ensure easy protection of temperature-sensitive goods and provide extra insulation value.

Combitherm thermal cover solutions also include barrel covers, roll cage covers, pallet covers and air cargo covers.

All types of thermal covers can be produced in a wide variety of sizes, foil types and insulation thicknesses depending on customer-specific requirements and needs.

## Caring about the environment

An uncompromising choice of materials and a proven design mean that Combitherm thermal covers have a long lifespan and can be reused time and time again.

Polywool insulation consisting of 78% recycled fibres helps to increase sustainability and overall the effective insulating ability means that the thermal covers are an economically sound alternative to active cooling units.

## Technical specifications

### Three-layer construction of:

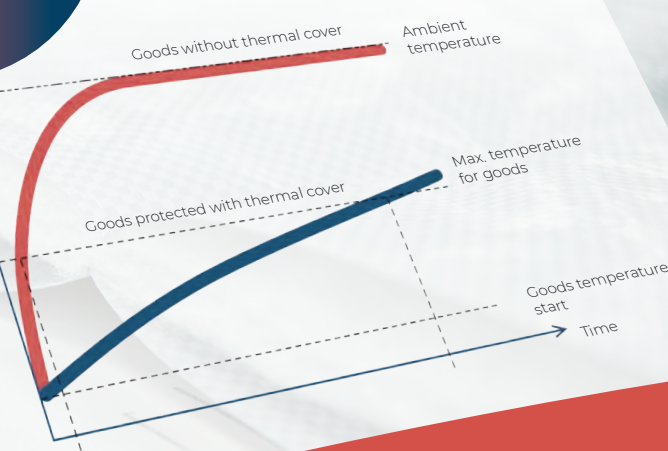
Inner and outer foil: Metallised or PP (polypropylene) or PE (polyethylene), w. 0.5% UV additive or  
 TEX-PUR: 75% PES (polyester), 25% PU (polyurethane)

Polywool insulation: PET (polyester fibre), with up to 78% rPET, 120 - 540 g/m<sup>2</sup>

Colour: Metallised: Silver, PP: Natural white and silver grey, PE: Grey or white, TEX-PUR: Silver grey



Tested by the Danish Technological Institute – contact us for test results documentation.



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In connection with pharmaceutical transport, we operate under GDP (Good Distribution Practice), a strict set of rules, where we must at all times be able to document that we comply with the requirements for correct temperature during the entire transport process.

Hanne Reher, DHL