

Fibrease®
by Stora Enso

The renewable materials company

StoraEnso®

Fibre-based thermal packaging

Flexible insulation for temperature-sensitive products

It's time for a change. Reducing the use of fossil-based plastics can help lower carbon emissions, prepare for evolving legislation and meet growing customer expectations.

Fibrease® is a lightweight, bio-based wood fibre foam designed as an alternative to conventional insulation materials such as expanded polystyrene (EPS) and polyurethane (PU).



- Flow-wrapped panels for easy assembly
- Designed to replace EPS and PU in thermal packaging
- Excellent insulation performance, with a □-value of 0.037–0.039 W/mK at 20°C
- At least 95% bio-based, made from sustainably sourced and traceable wood fibres
- Recyclable in paper and board recycling streams
- Produced using an efficient dry-forming process with low energy use and no process water



Reshaping packaging for less impact

Fibrease® combines flexibility, low weight and excellent thermal insulation. It is particularly well suited for pharmaceuticals, life sciences and other temperature-sensitive products requiring reliable cold-chain packaging.

- Thermal insulation performance comparable to conventional EPS solutions
- Suitable for pharmaceutical and life-science cold-chain applications
- Flexible panel format that can be adapted to different packaging needs





Let’s talk about Fibrease®



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