

INSULATION

EPS cooling box



In short:

- ✓ Insulating box of expanded polystyrene
- ✓ Light and 100% recyclable material (at specialized recycler)
- ✓ High insulation capacity
- ✓ Many sizes available
- ✓ If desired, add pre-cooled form-retaining cooling or freezing elements
- ✓ No electricity required during transport
- ✓ Keeps your products cooled or frozen during transport for up to 24 hours, depending on external conditions



EPS boxes are made of expanded polystyrene, also called Styrofoam, EPS or tempex. This material has a high insulation capacity and is light as well as shape-retaining. EPS also has a high level of impact and shock resistance. It is also insensitive to UV radiation, moisture and mould. As a result, your products are well protected during transport.

EPS boxes with and without leak gaps

The thicker the walls of the EPS box are, the better the box's insulating capacity is. So pay close attention to this if you want to transport your goods cooled or conditioned.

The EPS box is available with or without leakage holes. In almost all cases an EPS box without leakage holes is chosen. The version with leakage holes is mainly used for shipments with flake ice. Shrapnel ice is used for cooling fresh fish, for example. The flake ice melts during transport, causing melt water to end up in the box. By opting for an EPS box with leakage holes, the melted flake ice or melt water can drain away.

Insulation box for transport without return flow

EPS boxes are usually used for one-way transport of fish, meat, pharmaceuticals and medical products. It is often used for the refrigerated or conditioned shipment of goods such as food, blood samples or medication. Refrigerants such as gel packs are usually used for this purpose. These are often combined with absorption mats, which immediately absorbs any condensation that may occur during transport. In this way your goods arrive neatly and dry at their destination.

Do you have any questions or specific wishes? Feel free to contact our experts for custom advice.

Availability

At Coolpack, we have EPS boxes available in many different sizes. Get in touch for the possibilities.

Product	Outsid	Inside	Wall thickness	Pieces per pallet
Box 4,7 liter	30l x 20b x 20h cm	24l x 14b x 14h cm	3 cm	240
Box 10 liter	40l x 30b x 20h cm	33l x 23b x 14h cm	3,5 cm	120
Box 17,5 liter	40l x 30b x 30h cm	33l x 23b x 22h cm	3,5 cm	70
Box 30 liter	60l x 40b x 30h cm	50l x 30b x 20h cm	5 cm	40
Box 45 liter	60l x 40b x 40h cm	50l x 30b x 30h cm	5 cm	30