

How much does a set of Insulation Jackets cost?

Our jackets are tailored made; consequently they are priced on an individual basis. As a general guide, the average cost for an insulation jacket is £200 - £300 dependant of size and complexity. We generally recommend covering heater bands individually; therefore if a machine has five heaters fitted, an estimated cost would be £1,000 - £1,500 to insulate the machine.

For a more accurate costing, we recommend enquiring with us to supply an official price quotation based on your supplied specifications.

What energy savings can I make?

Based on general figures, an average saving of up to 30% can be made after fitting Insulation Jackets to any machine, with ROI times averaging within 12 months. The exact savings figure is determined based on various factors, such as:

- Type of heater fitted to the machine
- Size / age of the machine
- Grade / type of polymer being processed
- Material shot weight/throughput
- Start-up / Cycle time
- Ambient factory temperature
- Cost of the energy tariff being used

In order to determine an exact savings figure, we recommend an energy reading is conducted on your machine prior and subsequent to installing the Insulation Jackets. This is a chargeable service we can offer, should you wish to purchase Insulation Jackets from us.

Do Insulation Jackets provide protection against material ingress?

The outer coating of the Insulation Jacket is resistant to material ingress. However, the high temperature texturized glass cloth fabric on the inner edges of the jackets are less so.

Insulation jackets provide the best protection against material ingress in areas close to the material feed of a machine where the material is still in a granule state. The more molten the material becomes, the less level of protection the jacket will offer.

We would recommend that extra care is taken when installing jackets to ensure that surfaces are clean of plastic material in both granular and molten form.

Can I insulate cooling zones?

While we typically recommend insulating heater zones only for optimal savings, insulation of cooling zones is also possible, but only when the cooling fans are inactive. This focused approach helps maintain energy efficiency without overburdening cooling systems, otherwise the cooling fans will over-run in order to dissipate the additional heat.

