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**Thermal Packaging Solutions**

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**Technical Data Sheet For  
Insulated Envelopes**





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# Thermal Packaging Solutions

Our Insulated Envelopes are designed to keep temperature sensitive goods cool during transportation.

Products that are frequently used in our Insulated Envelopes are:

- Temperature Sensitive Foods
  - Pharmaceuticals
  - Liquids/Drinks
  - Confectionary's

We offer our Insulated Envelopes in the following sizes:

- 200MM x 255MM
- 280MM x 330MM
- 345MM x 430MM
- 345MM x 480MM
- 460MM x 560MM



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## **ThermaPack Single**

Our most cost effective insulation material for reflecting away unwanted heat. This material consists of a high performance and rigid bubble layer with a true aluminium outer layer. It is around 4mm thick and is equivalent to around 25mm of Polystyrene.



## **ThermaPack Ultra Double**

Our most popular insulation solution consists of a high performance industrial bubble layer with entrapped air, on its outer surfaces are two highly reflective layers of aluminium coated with an ultra thin protective surface to protect the aluminium for the life of the product. This product is around 4mm thick and is equivalent to around 55mm of Polystyrene.





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## Product Comparison

### Technical Data – ThermaPack Single

<b>Thickness</b>	3.7mm
<b>Outer Layers</b>	True Aluminium Foil
<b>Emissivity</b>	0.05
<b>R-Value (with x2 25mm Cavity's)</b>	0.790m <sup>2</sup> K/W
<b>Polystyrene Equivalence</b>	30mm
<b>Water Vapour Resistance</b>	600MNs/g

### Technical Data – ThermaPack Double

<b>Thickness</b>	3.7mm
<b>Outer Layers</b>	True Aluminium Foil
<b>Emissivity</b>	0.05
<b>R-Value (with x2 25mm Cavity's)</b>	1.455m <sup>2</sup> K/W
<b>Polystyrene Equivalence</b>	55mm
<b>Water Vapour Resistance</b>	600MNs/g