



## HEATING JACKETS

At Global Trace Heating Ltd we specialise in design and manufacture of none standard heating jackets for a wide range of applications, we use a large range of materials to provide the best possible product for each project. There are many suitable applications for heating jackets; we have listed a small selection. Please contact us to discuss your application.



- For use inside.
- For use outside.
- Laboratory applications.
- Research applications.
- Production applications.
- Vacuum equipment bake out.
- Instrument frost protection.
- Valves & Flanges.
- Frost protection of electronic parts.
- Heated food bags.
- Warming of product in tins.
- Warming of product in drums.
- Curing of fibre Glass pipe joints.
- Tyre warmers.
- Maintenance of Hoppers.
- AC/DC Voltages.
- Low voltage.
- Up to 500volts.
- Upto 500°C.
- Built in thermostats available.
- One off Jackets.
- Hundreds of jackets.

### Outline of Materials Used.

#### Fabrics

Polyurethane Coated Nylon	Maximum Temperature 60°C
Foil Faced Glass Cloth	Maximum Temperature 150°C
Silicone Covered Glass Cloth	Maximum Temperature 180°C
Silicone Impegnated Glass Cloth	Maximum Temperature 260°C (Special order)
Teflon Covered Glass Cloth	Maximum Temperature 260°C (Special order)
Plain Glass Cloth	Maximum Temperature 500°C

Note: We use Weavelock Plain Glass Cloth, the weavelock will burn off above 200°C, after it has burned off the remaining glass will withstand 500°C.

#### Heating Elements

Glass Cored Spiral Wound	Upto 450°C (depending on element alloy)
Silicone Insulated Wires	Upto 225°C (depending on element alloy)
Uninsulated Copper Alloys	Upto 600°C (depending on element alloy)
Uninsulated Nickel Chomium	Upto 1200°C (depending on element alloy)

Note: We stock a range of the above heating elements, there are many other comercially available alloys that can purchase to order if required.

### *Global Trace Heating Ltd*

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