

Insulation Jackets



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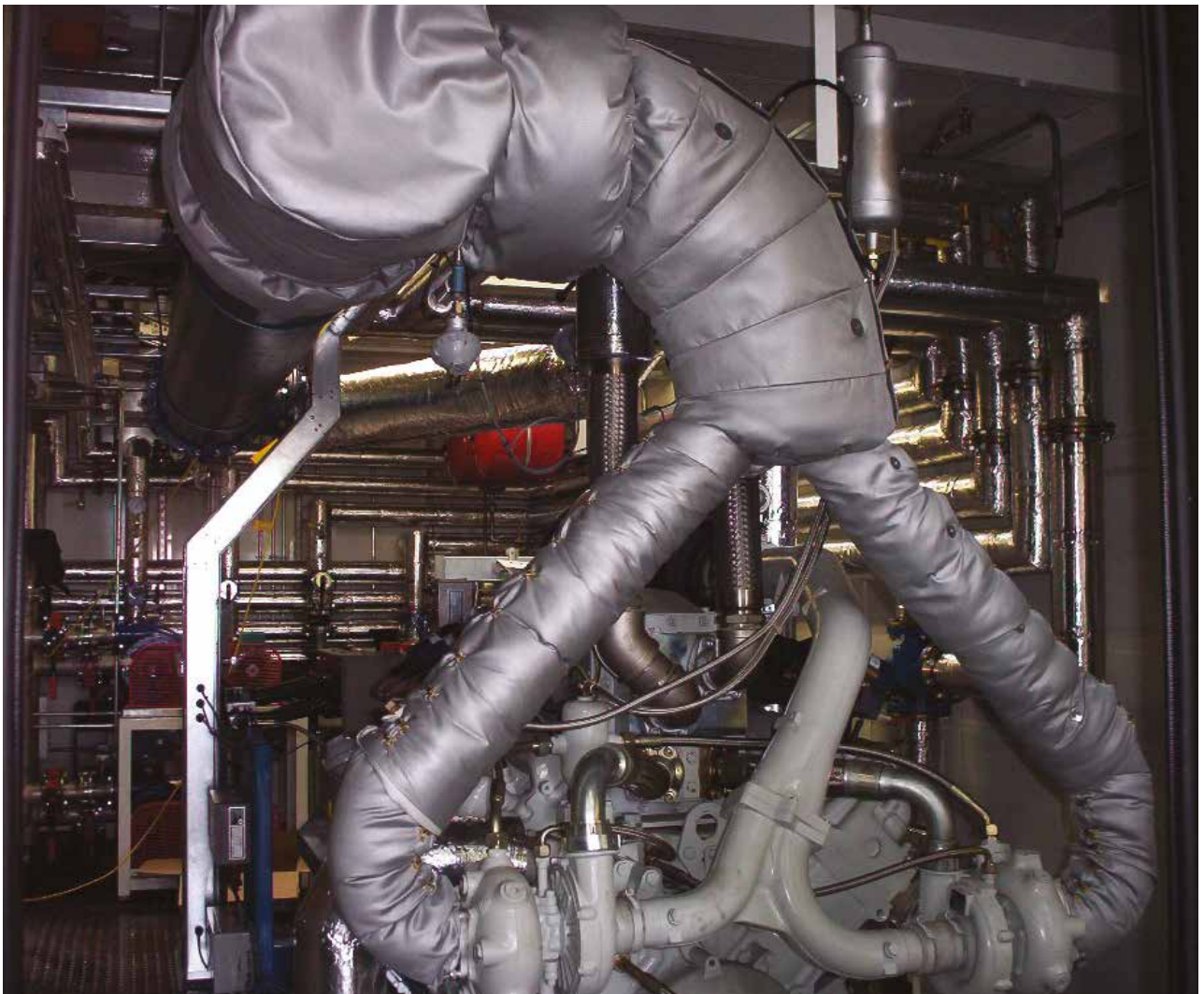
Insulation Jackets

Ultra Services

Ultra, providers of a quality range of products and solutions for the Industrial Process, HVAC, Fire Protection and High Temperature industries, are delighted to introduce our new bespoke insulation service.

This end-to-end solution of insulation surveys and services is completed in accordance with ISO9001 standards and includes:

- Energy Loss/CO₂ Emission Surveys
- Bespoke Thermal Insulation Jacket/Cover Design and Manufacture
- Trace Heating Design and Manufacture
- Red Alert Chemical Safety Shields



Call TODAY on 0114 254 1186 or email ultrajackets@sigplc.co.uk

Energy Loss/CO₂ Emission Surveys

Over the years, energy prices have consistently risen affecting both residential and business properties. A major part of energy cost is due to heat energy being lost through poor insulation of: valves, flanges, heat exchangers, pumps and other fittings. This also means high CO₂ emissions and potential damage to the environment.

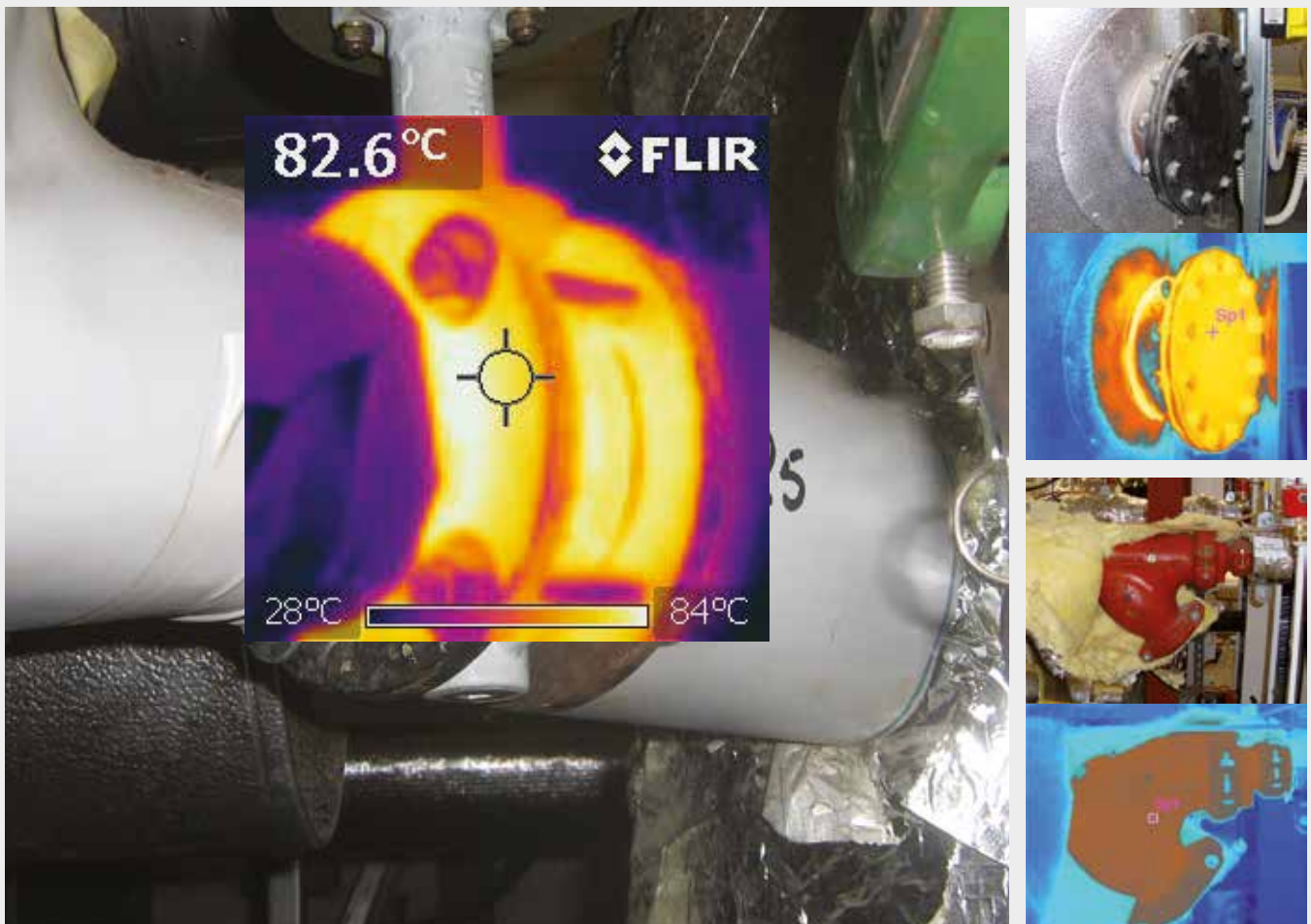
Many sectors are unaware at the level of energy loss and CO₂ emissions they have, and also the considerable savings that can be made through thermal insulation. Thermal energy loss can be quickly and easily identified by utilising specialist thermal imaging equipment.

This is where Ultra excels; our experienced team of thermal imaging engineers will visit your premises and undertake a full, thorough site survey using specialist thermal imaging cameras. We will then use the data to create a unique solution to reduce your energy costs and emissions.

And the best part... Ultra provide this service with the backing from Nottingham University

- All pipework and fittings are scrutinised before thermal images are taken
- Ultra then process the collected data using our unique energy loss/CO₂ emission calculator (designed in conjunction with and accredited by the Environmental Technology Centre at the University of Nottingham)
- Ultra will provide you with a detailed report on energy loss/CO₂ emissions, with a forecast of potential annual savings and a full breakdown of costs
- Once you are happy with the proposal, the installation is scheduled at a time to suit you
- The insulation jackets and mats are then put into production by our skilled team and delivered to site
- Ultra can also offer an installation service by our team of installation engineers*

**Additional fees may apply*



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Insulation Jackets and Covers

Ultra are ISO9001 accredited manufacturers of bespoke insulation jackets and covers, **each item is measured and drawn up before being made by hand.** This unique approach enables us to have a very high level of accuracy and workmanship which our competitors cannot match.

Ultra thermal insulation has been proven to reduce energy loss by up to 95% by insulating a boiler; the average payback period is just 9-12 months.

- Each jacket/cover is custom made, allowing us to provide insulation products for difficult and unusual shapes where conventional insulation methods would be prohibitive
- Ultra jackets and covers are purpose designed to suit the environment they are to be used in, we use specialist materials to withstand temperatures up to 1400 °C
- All Ultra jackets/covers are waterproof and oil resistant
- All Ultra jackets/covers are easily removable for routine maintenance and repairs, the jackets/covers utilise velcro, lacing hooks, ratchet straps or turn button fasteners depending upon the application
- The insulation material used in our products is fully enclosed, removing the potential of airborne particles
- Ultra insulation offers a high level of personnel protection by eliminating the possibility of injury due to contact with exposed services

Ultra can incorporate your company logo on to any product we supply and also offer full batch traceability of the materials used*

**Additional fees may apply*



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Trace Heating

Over the last few years the UK has experienced notably colder winters which are causing damage to pipework, external equipment, fittings and property itself through cracked/failed services.

Ultra offer a market leading solution to these problems in the form of trace heating. This tried and tested method maintains or increases temperatures for piping that must transport substances which solidify at ambient temperatures. The trace heating elements can be incorporated directly into the bespoke jacket, greatly improving efficiency. Our team of specialist installers have implemented these jackets in numerous industries, including: mining, water treatment plants, train operations and vehicle valeting.

If you would like more information on trace heating solutions, please contact Ultra on **0114 254 1186** or email us on ultrajackets@sigplc.co.uk



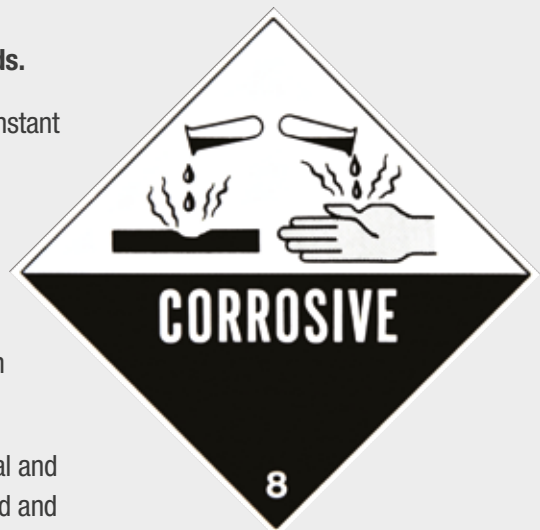
Red Alert Chemical Safety Shields

Safety is paramount when dealing with hazardous chemicals...

Ultra has a perfect solution – Red Alert Chemical Safety Shields.

The red alert shields designed and developed by Ultra provide an instant form of protection and identification from chemical spray outs. This ensures you are immediately protected when the red alert shields are fitted to a pipe joint or fitting. The unique material used in the red alert shield changes colour in accordance to the chemical or substance it comes into contact with. This allows you to identify the exact chemical which is leaking without being in contact to the substance.

Ultra has developed this product for key oil and gas, petro-chemical and power supply companies. Each red alert shield is custom measured and manufactured by the Ultra specialist team at our site. Red alert shields are designed to fit securely around the pipework or fittings but can be removed easily for routine maintenance or repairs.



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