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Heat Trace
APPROVED

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**PLANT SAFETY IMPROVED WITH HEAT TRACE HIGH TEMPERATURE
SELF-REGULATING TRACERS**

Heat Trace Ltd., the UK-based global leaders in heat tracing technology, have developed a new generation of semi-conductive self-regulating heating cables that are able to withstand temperatures in excess of 200°C when energized and 250°C with power off.

Self-regulating (or self-limiting) tracers are the most popular type of electric heating cable, as they can be conveniently cut-to-length and are often inherently temperature safe, due to their positive temperature co-efficient heating matrix. Thus, temperature control is not usually needed to provide temperature safety. Until recently, though, their suitability for only low or moderate temperatures limited their use.

Now, however, through the introduction of their new generation semi-conductive **FSU Ultimo** range of tracers, Heat Trace Ltd. have pioneered a tracer range with high temperature capabilities.

FSU Ultimo power outputs are available in the range of 15-90W/m at 10°C – and these high temperature, high power, self-regulating tracers remain temperature safe throughout their operating range. Additionally, **FSU Ultimo** tracers carry approvals for use in hazardous areas, with accreditations including: IEC (World), ATEX (Europe), IEEE and CSA (N. America) and GOST (Russia).

In the past, many higher temperature applications, such as the heating of gas analyzer lines, maintaining bitumen in a flowing condition, or the pumping of sulphur, required the use of metal sheathed mineral insulated heaters. These have to be individually designed for each application, are difficult to terminate and install, and require controls to ensure temperature safety.

MEDIA INFORMATION

By comparison, **FSU** self-regulating tracers are easy to terminate and install, whilst their temperature safe feature improves plant safety. Now, thanks to the introduction of **FSU Ultimo**, self-regulating tracers can fulfill virtually all applications within the industrial heat tracing field.

Heat Trace:

The authority in heat tracing for over 34 years

Heat Trace Ltd. is a privately owned British company operating globally in the design, manufacture and supply of electric heat tracing cables and associated equipment.

The company is recognised as being the technological leader in the field of heat tracing and surface heating systems. Its range of heating cables is perhaps the most comprehensive available worldwide, with parallel resistance, cut-to-length heaters offering the highest temperature withstands and highest powers available.

Established over 34 years ago, Heat Trace's Corporate HQ and main manufacturing plant is based close to Chester, UK. The business is active in over 40 countries around the world, offering the most up-to-date and technically advanced electric trace heating systems.

Widely regarded as *The Heat Tracing Authority*[™] in systems design and product range, Heat Trace Ltd. can provide a variety of products and services for all types of heat tracing projects.

From equipment-only sales, to full turnkey projects, including design, manufacture, supply, installation and commissioning, Heat Trace Ltd. can deliver cost effective and innovative solutions.

Investing around 15% of turnover into Research and Development, since inception, the company has been granted 10 patents for unique and innovative products or processes. Currently they have a further 11 patent applications pending – ensuring that Heat Trace continue to remain at the forefront of design and development in the field of electric heat tracing systems.

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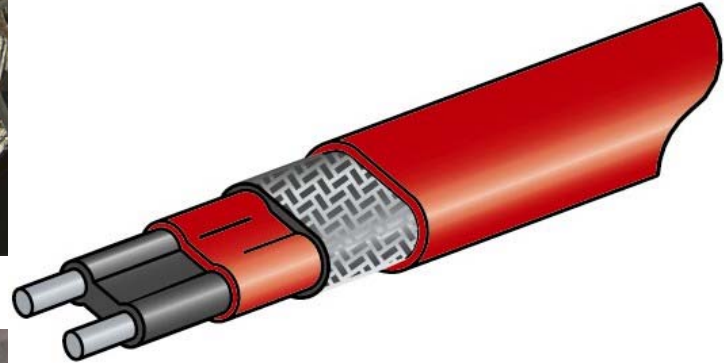
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- 1) FSU Heater – high temperature tank
- 2) Pipework fitted with FSU heaters after application of thermal insulation
- 3) FSU - High Power, High Temperature, Self-Regulating Heating Cable

For a full colour print of the above
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Alternatively
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