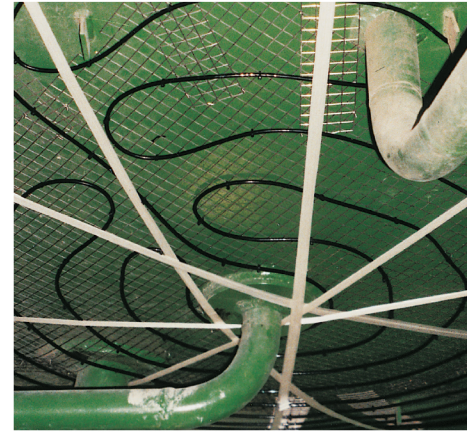
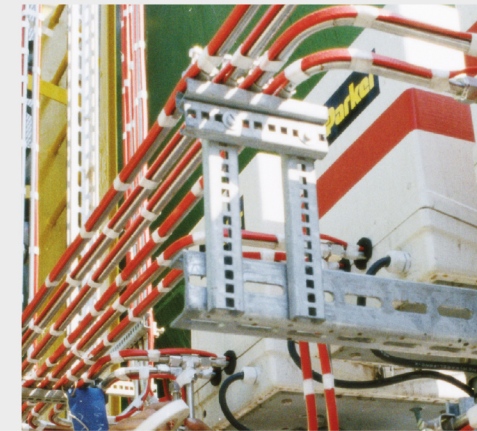


## Examples of Applications



### Tubes and pipelines

Heating for pipe systems, simple or complex, including the heating of components, such as flanges, valves, pumps and other fittings. We offer special solutions for special applications:  
 Deep Sea Star: innovative heating for off-shore pipelines  
 Skin Effect: economical heating system for long-distance pipelines



### Vessels

Heating for vessels, such as tanks, silos and containers



### Analyzer systems

Heating of the impulse and sensing leads from the extraction point to the analyzing equipment

### Pre-insulated tube bundle

Single and dual tube configurations with BARTEC trace heaters in a variety of tubing sizes and materials

### Bins and silos

Heating of bin tops and conveyors e.g. in power stations and environmental engineering plants

### Low voltage systems

Self-regulating 24 volt heating for remote service areas where power is often supplied by photo-voltaic systems with battery backups

**BARTEC**

**BARTEC**



Authorized distributor

### BARTEC US

Houston, Texas USA  
 650 Century Plaza Drive  
 Suite D120  
 Phone: +1 281 214-8542  
 Fax: +1 281 214-8547  
 info@bartecus.com  
 www.bartec.us

### BARTEC GmbH

Germany  
 Max-Eyth-Str. 16  
 97980 Bad Mergentheim  
 Phone: +49 7931 597 0  
 Fax: +49 7931 597 119  
 info@bartec.de  
 www.bartec.de

US-09/2018-Marketing & Communications



Electric Trace Heating



# Electric Trace Heating



-  **Protection Against Frost**
-  **Temperature Maintenance**
-  **Heating**

Our knowledge about products, engineering and processes forms the basis of innovative and economical heating systems, specially for hazardous areas, too.

A large selection of heating tapes, patented connection techniques and a wide variety of control systems form the columns of our economically optimized heating systems, which have proven their worth over many years. To choose the ideal heating system for your particular application, you can benefit from our experts' knowledge and experience. All over the world, our experienced engineers can advise and assist you from conception to the implementation of your heating project.

### Full service

Our experienced and committed project team assures the operational reliability of your plant and supports you in all aspects of the realization of turn-key projects.

We regularly hold technical seminars and we are looking forward to train your staff on site.

Complete Safety – that's what we mean by full service.

### BARTEC

Your partner  
for safety  
technology



The specialists  
at BARTEC  
have many years  
of experience  
in safety  
technology.  
We create  
solutions  
you can rely on:  
economical,  
reliable and  
for the future.

### Our product portfolio for Electric Trace Heating

#### Heating cables

- Self-regulating trace heaters, halogen free
- Cut to length Power Limiting trace heaters use up to 797 °F
- Mineral insulated heating cables, brazed or laser welded

#### Connection technology

- Heat shrink and cold-applied technology, IEEE, IECEx and Ex certified
- PBS connection systems with integral terminal blocks

#### Control technology

- Extensive controller portfolio from field controller up to powerful multichannel controller
- Customized solutions with easy integration to DCS

#### Heaters

- Heater plates for use in Ex areas
- Control cabinet heaters
- Mini heaters
- Anti-condensation motor heaters

#### Project engineering services

We offer complete design engineering service including trace heating, installation isometrics, power location and control panel drawings

Heating cables

Connection technology

Control technology

Heaters

Project engineering services

### Engineering

- Basic evaluation
- Basic/detail engineering
- CAE/CAD Software
- Software creation for integration into existing PCS/PLC

### Manufacture and procurement

- Electric trace heating systems
- Routing, cabling, insulation

### Plant construction

- Project and construction site management
- Assembly by specialized BARTEC staff
- Safety and quality management

### Commissioning

- Testing and logging of correct functioning
- Loop check
- Commissioning and acceptance test
- Training of owner/managing operator's plant staff by BARTEC specialists

### After-sales service

- Inspection, maintenance and repairs by own permanent staff
- Personal safety equipment in conformance to the latest standards
- Documentation of all maintenance and repair work
- On-call service