The A to Z of eHT with eQ

eltherm®

› Expertise

› Intelligent Solutions

› Quality

› Reliability

eltherm inspired by eHT = electrical Heat Tracing
We understand the challenge.
We develop optimised solutions.
We implement them for you.

The eltherm eQ inspired by eHT stands for:

Your Advantage always in our Focus

You will experience a comprehensive chain of performance that reaches from the technical challenge you pose all the way to the finished product and the ready-to-implement system. Find everything under one roof and from a single source: research and development, design, product management, support, sales service all the way to the technical teams that support you on site. We focus passionately on the technical and economic advantages for your application and your company. That is a strong pledge that customers across the globe challenge us to meet it every day. We love that challenge and look forward to more.

eltherm in Burbach, Germany

1. Production I
2. Administration, Application Engineering
3. R&D, Sales, Service, Academy
4. Production II

From Process to Product
The eltherm Story

Founded in 1991 in Burbach, Germany, eltherm has developed into a global engineering solution provider with own production facilities and a one-stop-shop for electrical heat tracing products and systems. The company has attained worldwide recognition as a turn-key partner for engineering, design, installation and commissioning of electrical heat tracing for complex industrial plants and facilities.

With its own comprehensive production facilities for all types of heating cables and accessories eltherm has built up the engineering expertise to become one of the leading manufacturers of electrical heat tracing systems in the world.

Besides frost protection and temperature maintenance applications up to 900 °C, eltherm is the competent partner for complete system solutions like heating whole chemical or other industrial plants. eltherm proved its potential and expertise in different industries such as oil and gas, power plant, construction, automotive and food.

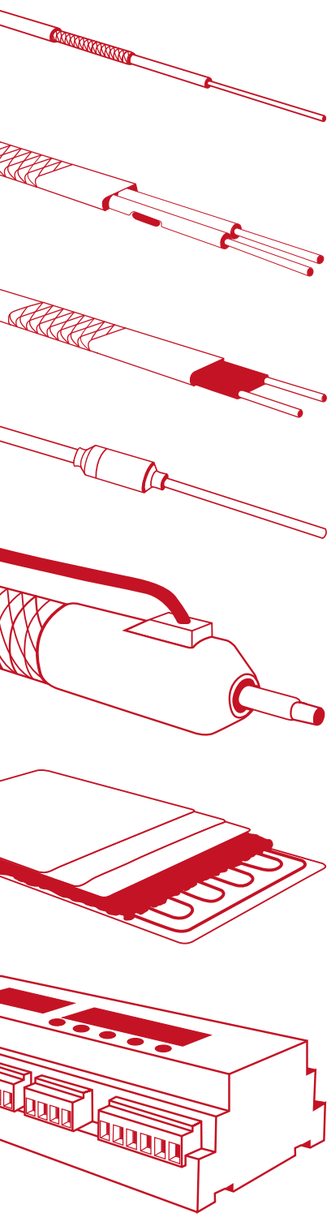
› Portfolio Focus
We provide a comprehensive range of electrical heat tracing products, systems and solutions from A to Z. Your One-Stop-Shop.

› Customer Focus
Our focus on the benefits to our clients sets us apart from competitors. We understand and solve our clients' needs with technological passion.

› Technical Focus
We specialise in electrical heat tracing. That is our core competence and inspiration.

› Global Focus
We are a global engineering company with our own production facilities, serving international markets and projects from 14 locations on 5 continents – and with a staff force of 270.

From A to Z
Your One-Stop-Shop



› Serial Resistance Trace Heaters
for freeze prevention and process temperatures in industrial plants and facilities.

› Parallel Resistance Trace Heaters
Parallel trace heaters with constant wattage output and a single end power input.
For applications in hazardous and non-hazardous locations.

› Self-Regulating Trace Heaters
for freeze prevention and temperature maintenance in industry and building & construction.
Applications up to 250 °C.

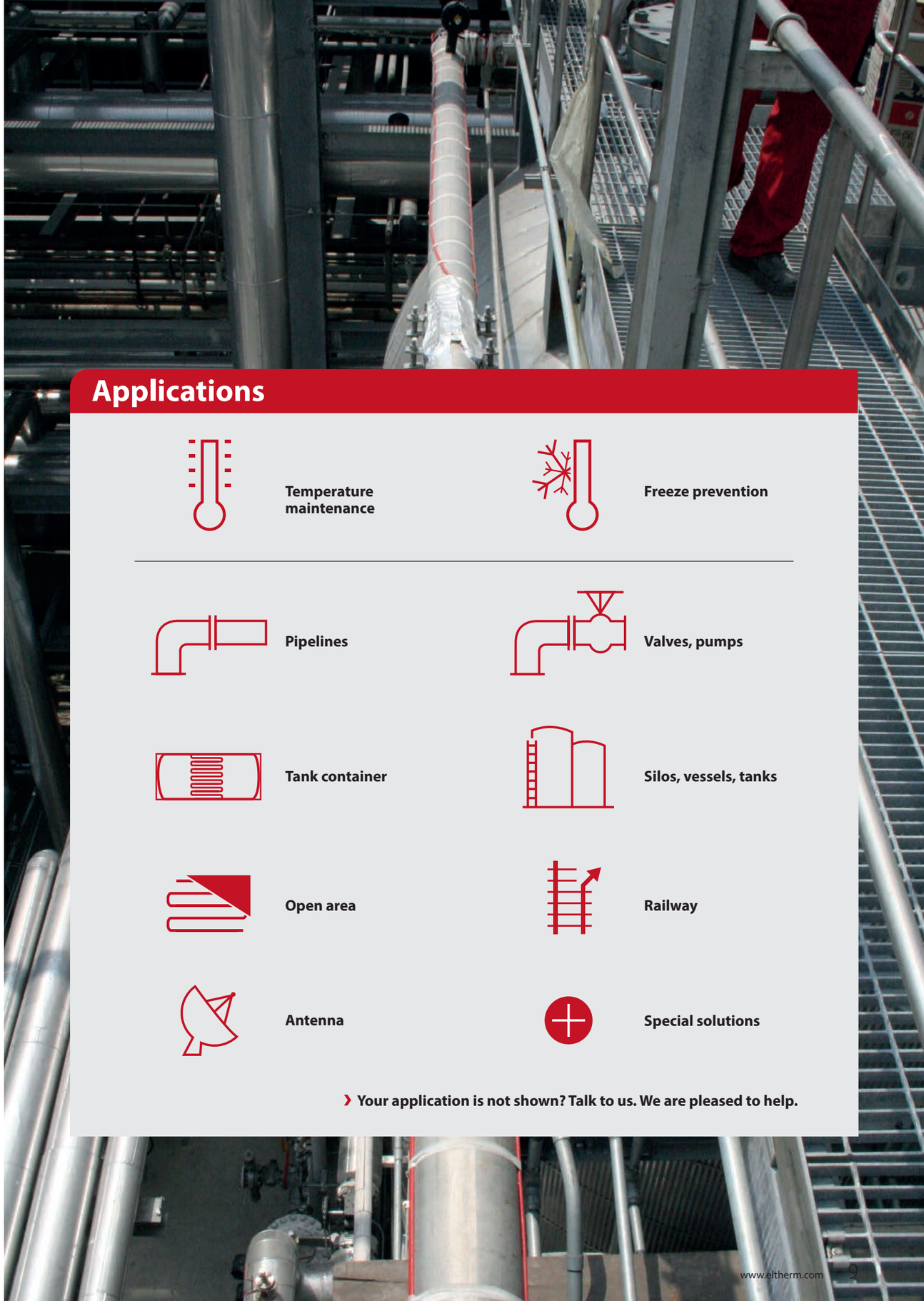
› Mineral-Insulated Trace Heaters
exclusively manufactured and finished from Alloy 825 or high-quality stainless steel. The unique "Clean Laser Seal" Technology (CLS) guarantees a homogenous, 100% stable system and reliable function up to 700 °C.

› Heated Analytic, Pressure and Loading Systems
for reliable and safe transport of pressurised or non-pressurised fluids and gases without temperature loss, up to 450 °C.

› Heating Mats and Jackets
custom-engineered and tailor-made, for heating valves, pumps, drums, barrels, hobbocks and flange covers, up to 450 °C.

› Power and Control Panels
including temperature sensors, display and operating devices, monitoring and controls plus accessories for reliable, safe functioning and complete control panels.

› Accessories
for safe and effective assembly and operation of complete heat tracing systems in facilities from small to large.



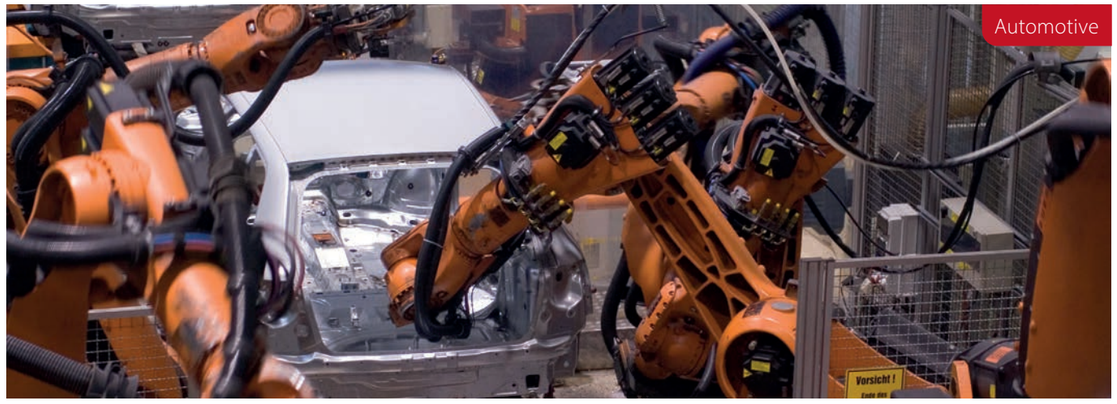
Applications

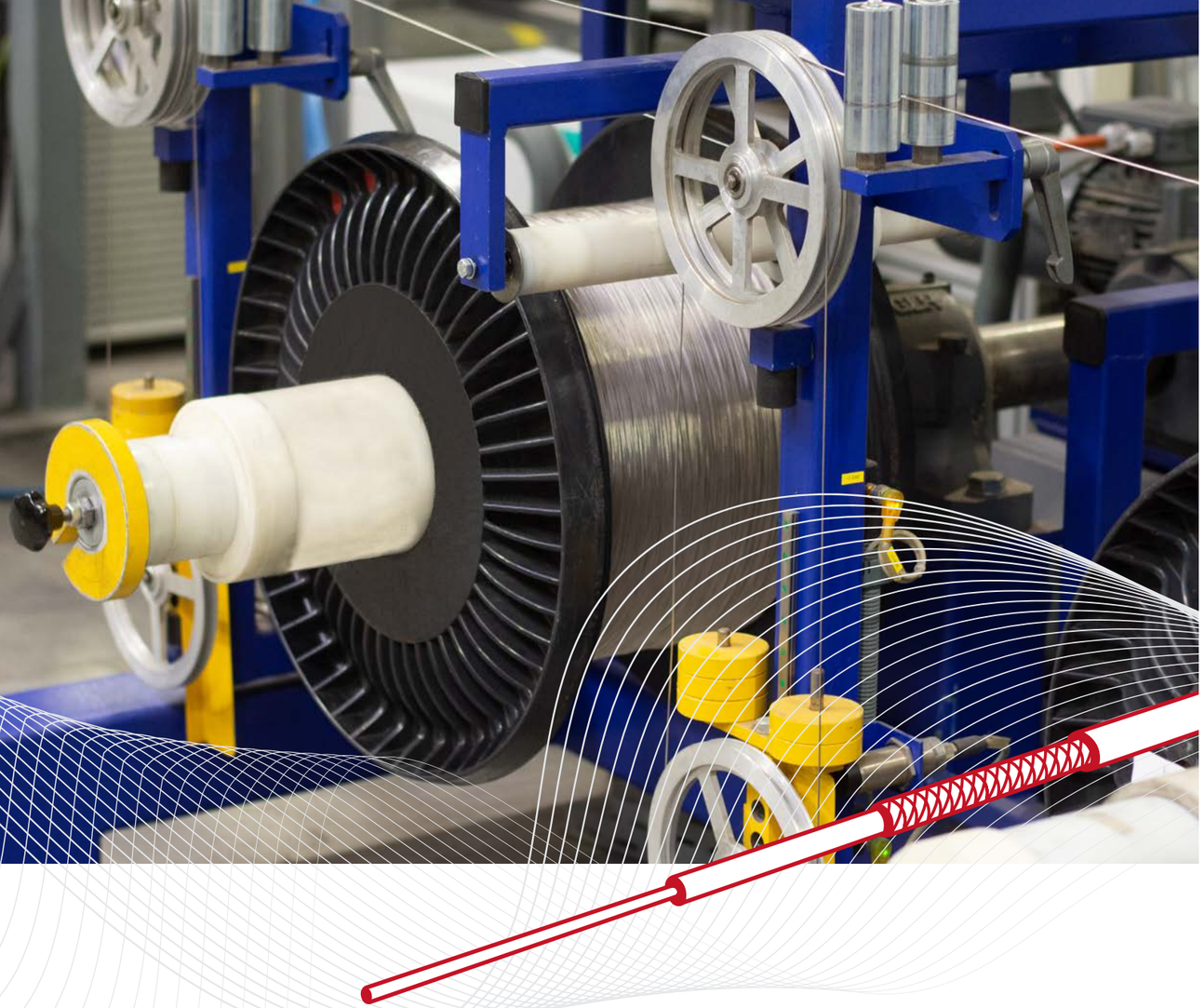
- **Temperature maintenance**
- **Freeze prevention**
- **Pipelines**
- **Valves, pumps**
- **Tank container**
- **Silos, vessels, tanks**
- **Open area**
- **Railway**
- **Antenna**
- **Special solutions**

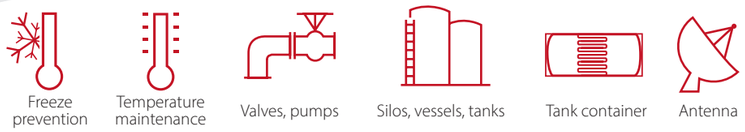
› Your application is not shown? Talk to us. We are pleased to help.

eltherm Products: Fields of Application

- Chemistry / Petrochemistry
- Food Processing Industry
- Offshore
- Oil & Gas Industry
- Water and Waste Water
- LNG storage tanks
- Power plants
- Bitumen
- Automotive
- Adhesives Robots
- Gas analysis
- Paper industry
- Particle accelerators
- Sugar silos
- Paint and coatings
- Coating technology
- and many more







A wide range of fluoropolymer insulated resistance trace heaters is dedicated to answering to the technical requirements of multifaceted industrial applications. All eltherm trace heaters are insulated and available with or without protective braid.

Benefits
- High flexibility
- Small bending radii
- High operating temperatures
- High chemical resistance
- Moisture protection

Applications
- Filter and hopper heating
- Automotive
- Coating facilities
- IBC's
- Heating mantles
- Laboratory and research

eltherm®

Series Resistance Trace Heaters

- Trace heating on non-metallic products such as plastic tubes and pipes
- Heater is moisture resistant
- 1. Insulation fluoropolymer

- Trace heating on metallic and non-metallic products
- Heater is moisture resistant
- 1. Insulation fluoropolymer + protective braid

- Trace heating on metallic and non-metallic products
- Heater is moisture resistant
- 1. Insulation fluoropolymer + protective braid + outer jacket fluoropolymer

---

- Trace heating on metallic and non-metallic products
- Heater is moisture resistant
- 1. Insulation fluoropolymer + protective braid + outer jacket fluoropolymer

---

- Trace heating on metallic and non-metallic products
- Heater is moisture resistant
- 1. Insulation fluoropolymer + protective braid + outer jacket fluoropolymer

ELKM-A up to 260 °C

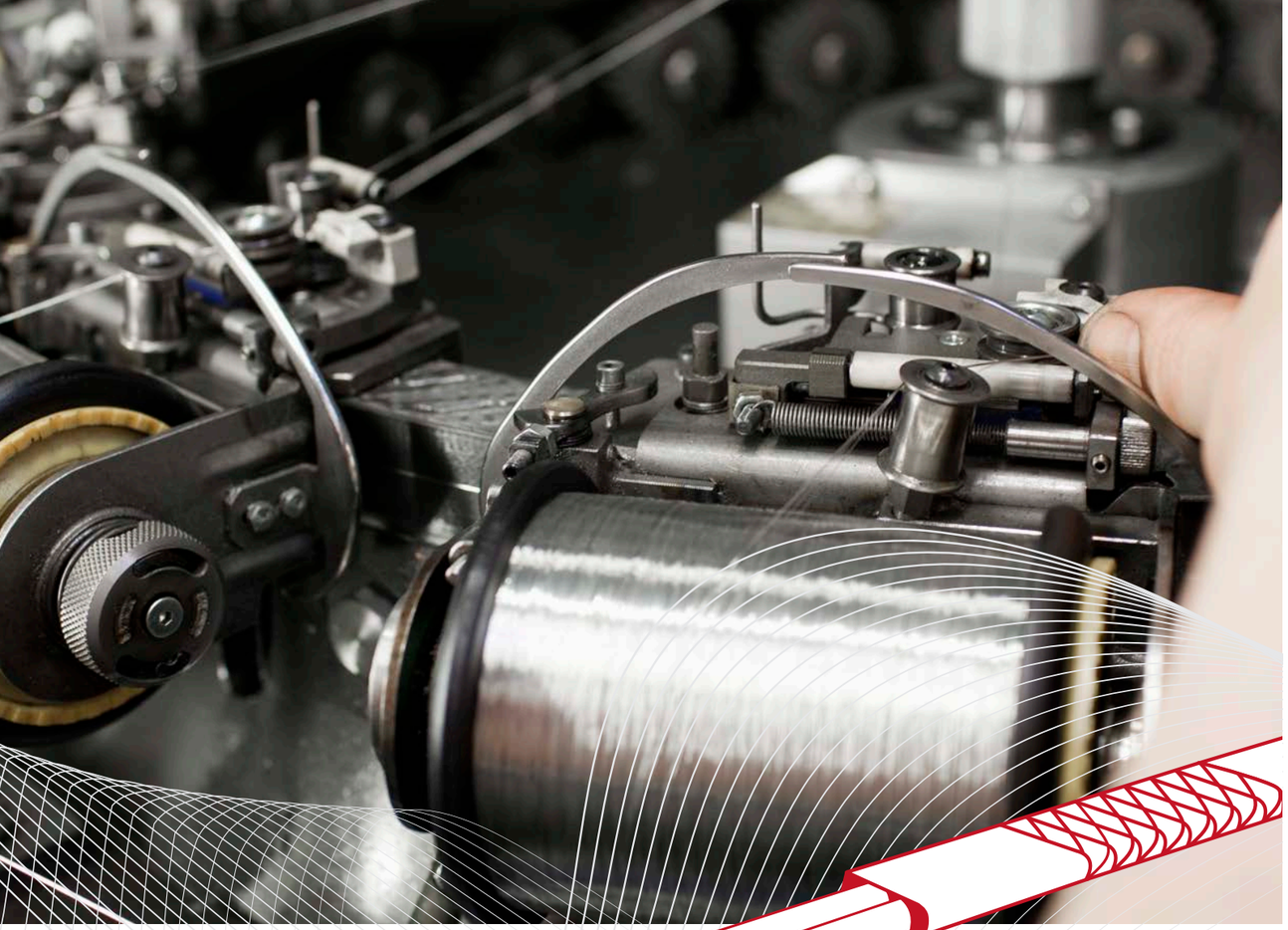
ELKM-AS/-AE up to 260 °C

ELKM-AG up to 250 °C

ELKM-AG-E up to 260 °C

ELKM-AG-N/-L up to 260 °C

Find further information on our website or in the product brochure.



Parallel Resistance Trace Heaters

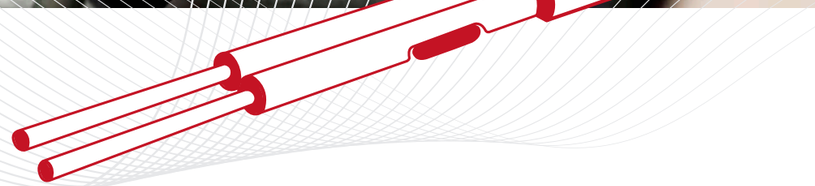
- Si: Silicon insulation and Outer jacket
- Ideal for use at very low temperatures

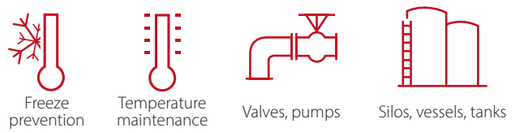
- Si: Silicon insulation
- F: Fluoropolymer outer jacket
- Ideal for use at very low temperatures

- PFA: Fluoropolymer outer jacket
- High chemical und UV resistance
- Approved for use in hazardous (Ex) areas

- FEP: Fluoropolymer outer jacket
- High chemical und UV resistance
- For use on pipelines with high power requirements in industrial processes

---





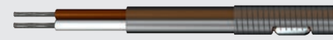
Parallel trace heaters with resistance wire offer enormous flexibility, because they can be cut to length and provide constant wattage power output. They are approved for use in hazardous areas.

Benefits
- Single end power input
- Cut to length
- Constant wattage
- High flexibility

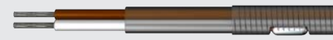
Applications
- Food Processing Industry
- Paper
- Filter heating
- Buildings and construction
- Railways

ELP/Si up to 200 °C

ELP/Si-F up to 200 °C

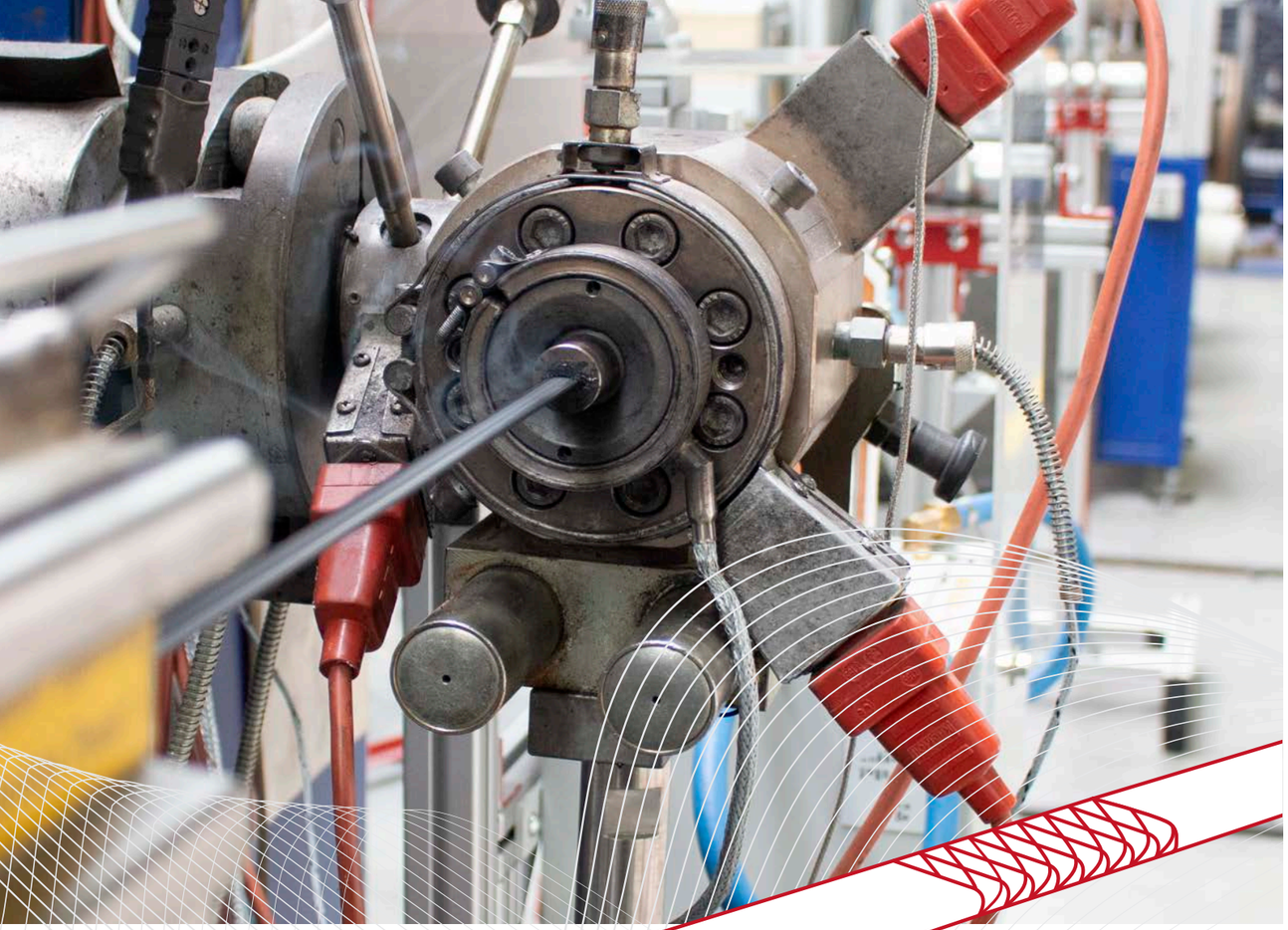


ELP/PFA up to 260 °C



ELP/FEP up to 200 °C

Find further information on our website or in the product brochure.



Self-Regulating Trace Heaters

- Chemistry and Petrochemistry
- Maritime
- Food Processing Industry
- Water and sanitation utilities

Freeze prevention · Temperature maintenance · Valves, pumps · Silos, vessels, tanks

---

- In-pipe trace heating approved for potable water pipes and flexible tubes

Freeze prevention · Pipelines

- Doors and seals of refrigerating chambers
- Profile heating
- Boarding Bridges

Freeze prevention · Special solutions

- Fat-containing wastewater pipes in canteens and large-scale kitchens
- Legionella prevention on hot water pipes
- Parking garages entrances, exits
- Helicopter landing sites
- Concrete ramps
- Stairs and footpaths
- Cryogenic Storage Tanks

Temperature-maintenance · Pipelines · Silos, vessels, tanks · Open area

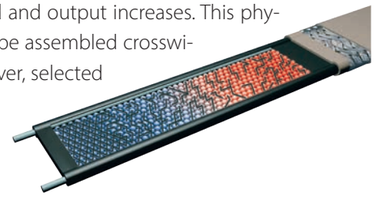
---

- Chemistry and Petrochemistry
- Oil & Gas Industry
- Power plants
- Water and sanitation utilities

Freeze prevention · Temperature-maintenance · Valves, pumps · Silos, vessels, tanks

---

ELSR (**el**therm **s**elf-**r**egulating) trace heaters consist of two parallel bus wires embedded in a heating matrix doped with carbon particles. When temperatures rise in operation, molecular expansion increases the distance between the carbon particles. The resistance increases and output drops. When temperatures fall, this process is reversed and output increases. This physical property means that the heater will never overheat, can be assembled crosswise and can be operated without a temperature limiter. Moreover, selected ELSR heating cables are approved for use in hazardous areas.



Benefits

- Self-regulating with adaptable output
- Various temperature ranges
- Demand-orientated out-put grading
- High chemical resistance
- No temperature limitation required (Ex-area)
- Easy to install
- Can be cut to length
- Fast connection with El-Clic

Find a Selection Guide and more information on our website or in the product brochure.

Low Temperature

ELSR-N/-LS/-M up to 80 °C

ELSR-M-AF/BF up to 65 °C

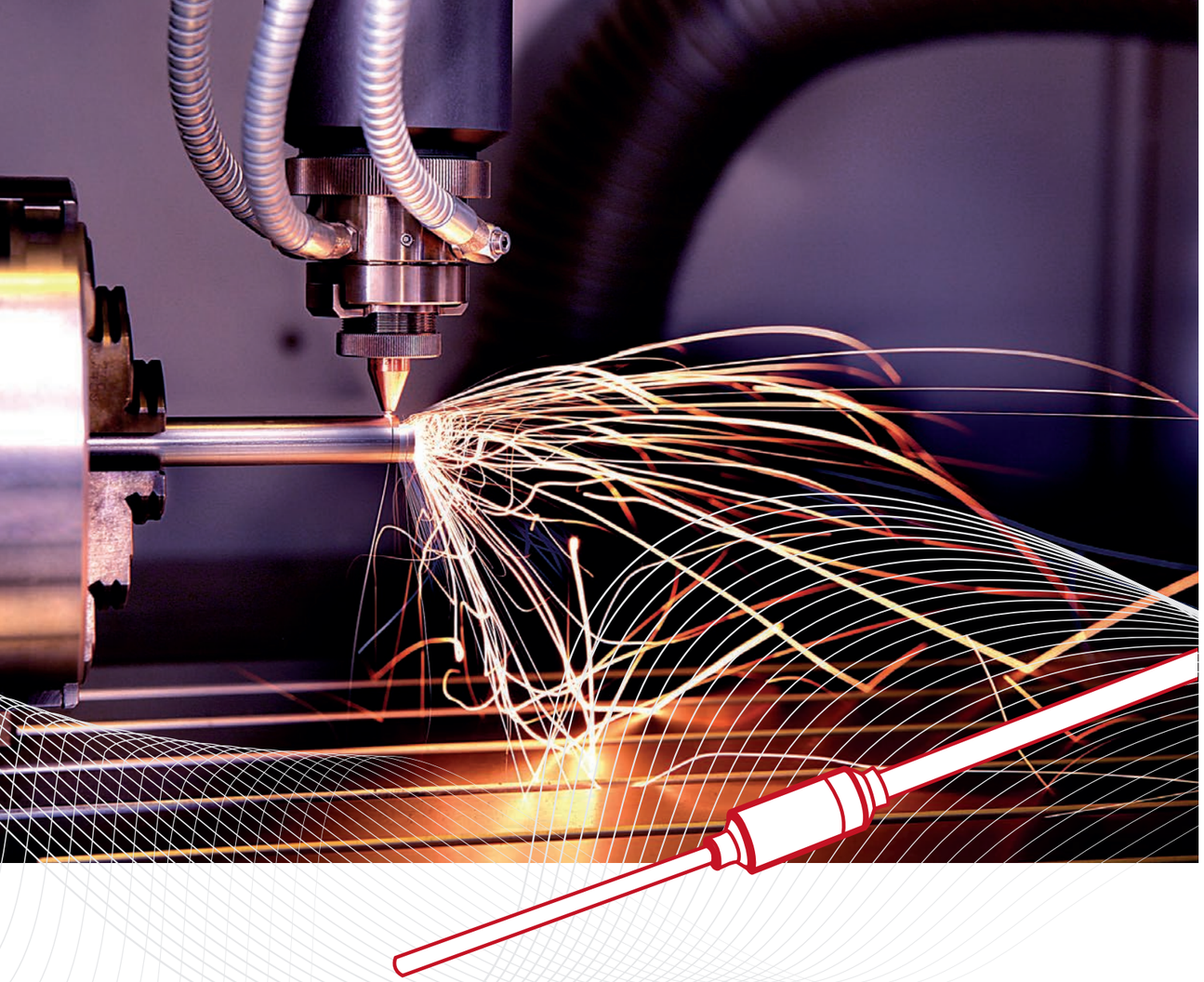
ELSR-R up to 65 °C

Medium Temperature

ELSR-W/-Ramp/-FHP up to 110 °C

High Temperature

ELSR-H/-SH/-SHH up to 250 °C



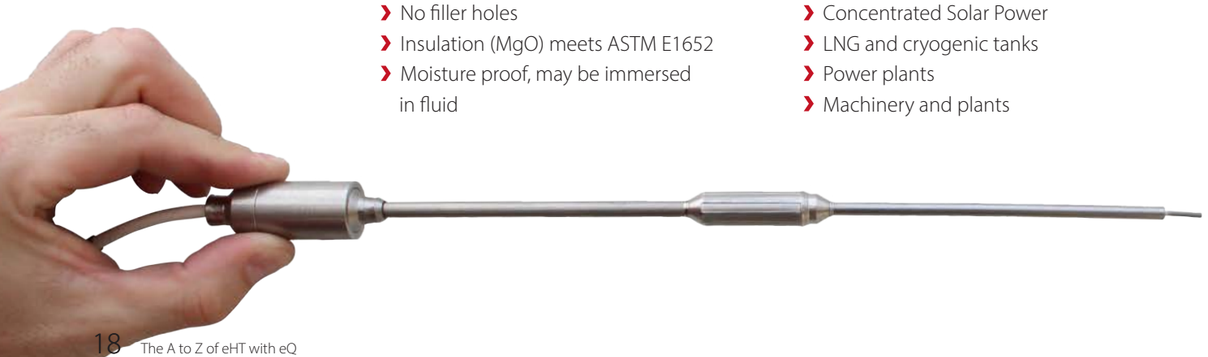
Manufactured and assembled entirely from high quality Alloy 825 or stainless steel, eltherm's revolutionary **C**lean **L**aser **S**eal Technology (CLS) guarantees performance and reliability in all industrial operations. It ensures a homogeneous, 100% stable system, ensuring reliable function and maintenance-free assembly. CLS offers the best possible protection from stress corrosion cracking in applications in which aggressive chemicals may be present.

Benefits

- Purity: no foreign material
- Full range of resistances
- Rapid assembly, highly economical
- No filler holes
- Insulation (MgO) meets ASTM E1652
- Moisture proof, may be immersed in fluid

Applications

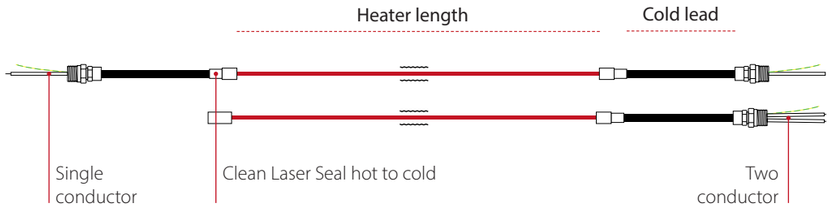
- Chemistry and Petrochemistry
- Oil and Gas Industry
- Pharmaceutical
- Concentrated Solar Power
- LNG and cryogenic tanks
- Power plants
- Machinery and plants



eltherm®

Mineral-Insulated Trace Heaters

- Viscosity protection in industrial processes
- Process temperature maintenance
- Vendor skids and process modules
- Heat tracing of instrumentation and sample stations
- High temperature exposure



Clean Laser Seal Technology takes MI Trace Heater Assemblies to the next Level.

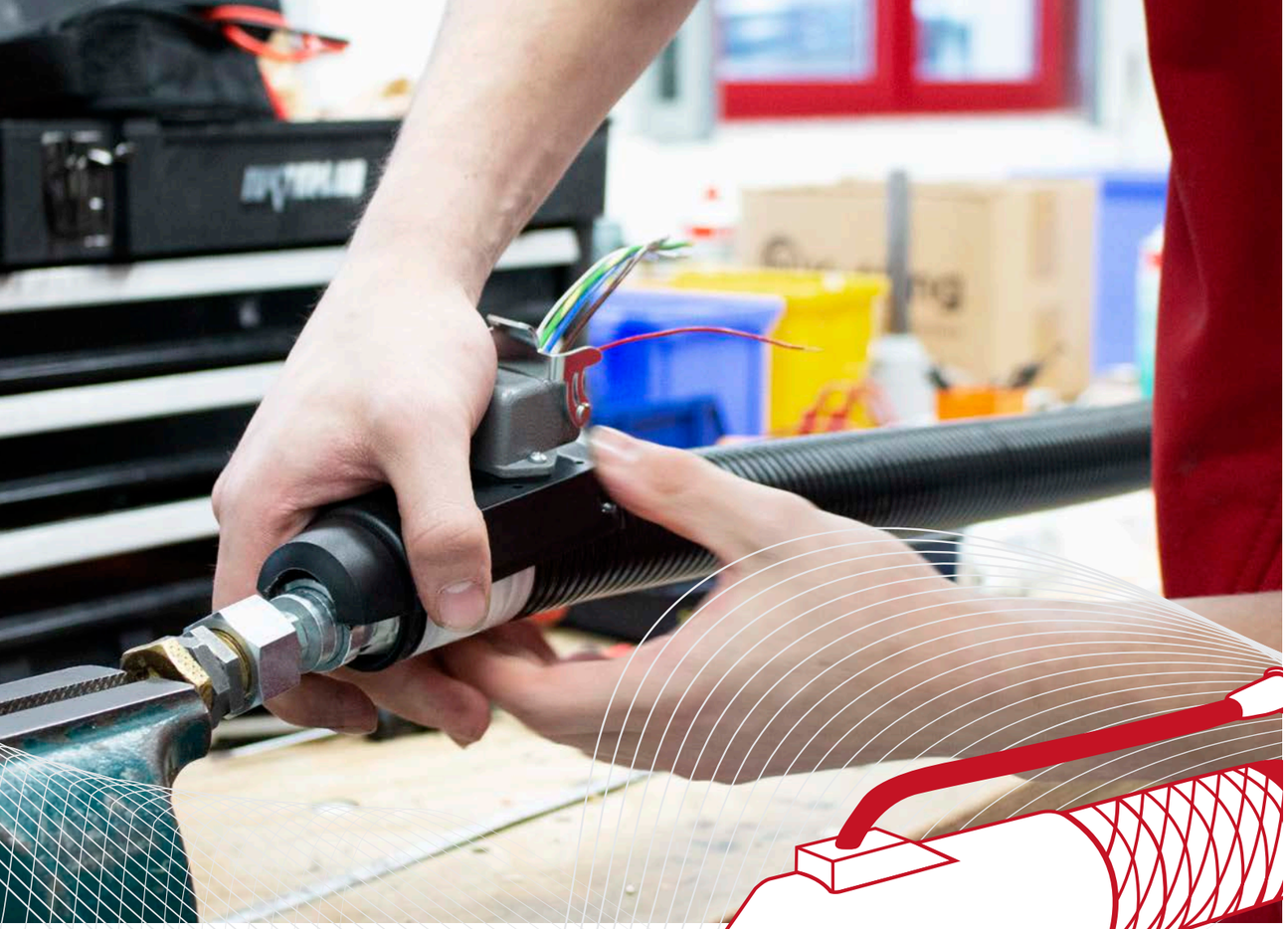
ELK-MI AY 825 up to 700 °C

- Manufactured entirely from Alloy 825

ELK-MI VA up to 700 °C

- Manufactured entirely from Stainless Steel (1.4541/AISI 321)

Find more technical details on configurations on our website or in the product brochure.



Freeze prevention

Temperature maintenance

eltherm is a world leader for flexible, heated pipes, heated tubular bundles and flexible transport systems. Electrical heated hoses (heated sample lines) are the ideal solution for flexible transportation of water, other liquids or gases without heat loss. They are customised to reach the required temperature and match specifications. This applies to a wide range of substances, such as grease, oils, wax, resins, bitumen, varnish, water, carbon dioxide, foam plastics, casting compounds, glue and foods to keep them flowable, e.g. in robots and moving equipment.

Benefits

- Freeze prevention and temperature maintenance up to 450 °C
- Pressure ranges up to o 500 bar
- Customized design for a wide range of substances and specific requirements
- Easy assembly and long service lifetime
- Plug in solutions
- Low maintenance and precision function

eltherm®

Heated Analytic, Pressure and Loading Systems

Analytic Sample Lines

- Controlled analytic sample lines
- Self-regulating analytic sample lines
- Heated analytic sample lines with integrated filter
- Heated analytic lines with several inner linings
- Heated analytic sample lines for hazardous (Ex) areas
- Special designs for analytic sample lines
- Field of application: emission control, process analytics
- Industries: automotive, chemical/petrochemical, power generation, waste treatment

---

Heated Pressure Lines

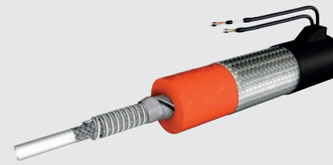
- Controlled heated pressure hoses
- Self-regulating heated pressure hoses
- Heated pressure lines for hazardous (Ex) areas
- Heated pressure lines with several inner linings
- Special designs for heated pressure lines
- Fields of application: casting compounds, adhesives, lubricants, paints, oil, fat, wax, bitumen
- Industries: food and beverages, automotive, production machines, road construction

---

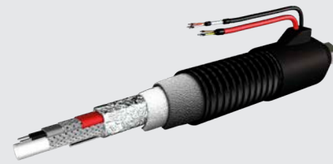
Heated Loading and Unloading Systems

- Heated hoses with vulcanised, abrasion-resistant and antistatic outer jacket
- Heated transport systems for hazardous (Ex) areas
- Fields of Application: PU foaming apparatus, dosage systems, coating technology, adhesives and casting compounds
- Industries: food and beverages, chemical and pharmaceutical plants
- For high flow capacities

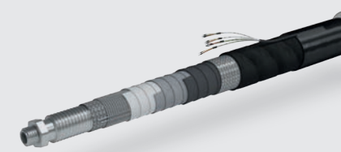
Find further information and a configuration questionnaire on our website.



ELHa... up to 450 °C



ELH/md... hd... shd
up to 250 °C, medium, high and super high pressure



ELH/md... up to 250 °C

Another field where eltherm is setting the pace, is with flexible heating mats and jackets for industrial processes. They provide optimum heat transfer. Heating mats are the ideal solution for simple level surfaces. They can also be manufactured separately from the insulation.

Heating jackets are used where uniform heating of surfaces with more than two levels is required. They are custom-built to match almost any shape and remain easy to handle thanks to special heating elements. Heating jackets with integrated heat insulation are easy to apply and remove, which considerably reduces installation and maintenance effort.

Benefits

- Removable and replaceable
- Easy to mount, minimum installation time
- Adapted according to the container, pipe, valve or pump (custom-made)
- Operating temperatures from 0 °C to 450 °C
- Available complete with insulation and integrated temperature sensor
- Effective heating with optimum heat transfer

eltherm®

Heating Mats and Jackets

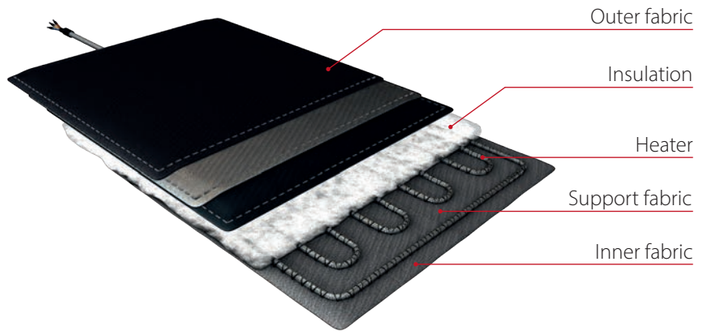
- Chemistry and Petrochemistry
- Maritime
- Food Processing Industry
- Experimental facilities
- Extrusion
- Connections
- Flanges
- Ventilators
- Vacuum chambers

Freeze prevention

Temperature maintenance

Valves, pumps

Silos, vessels, tanks

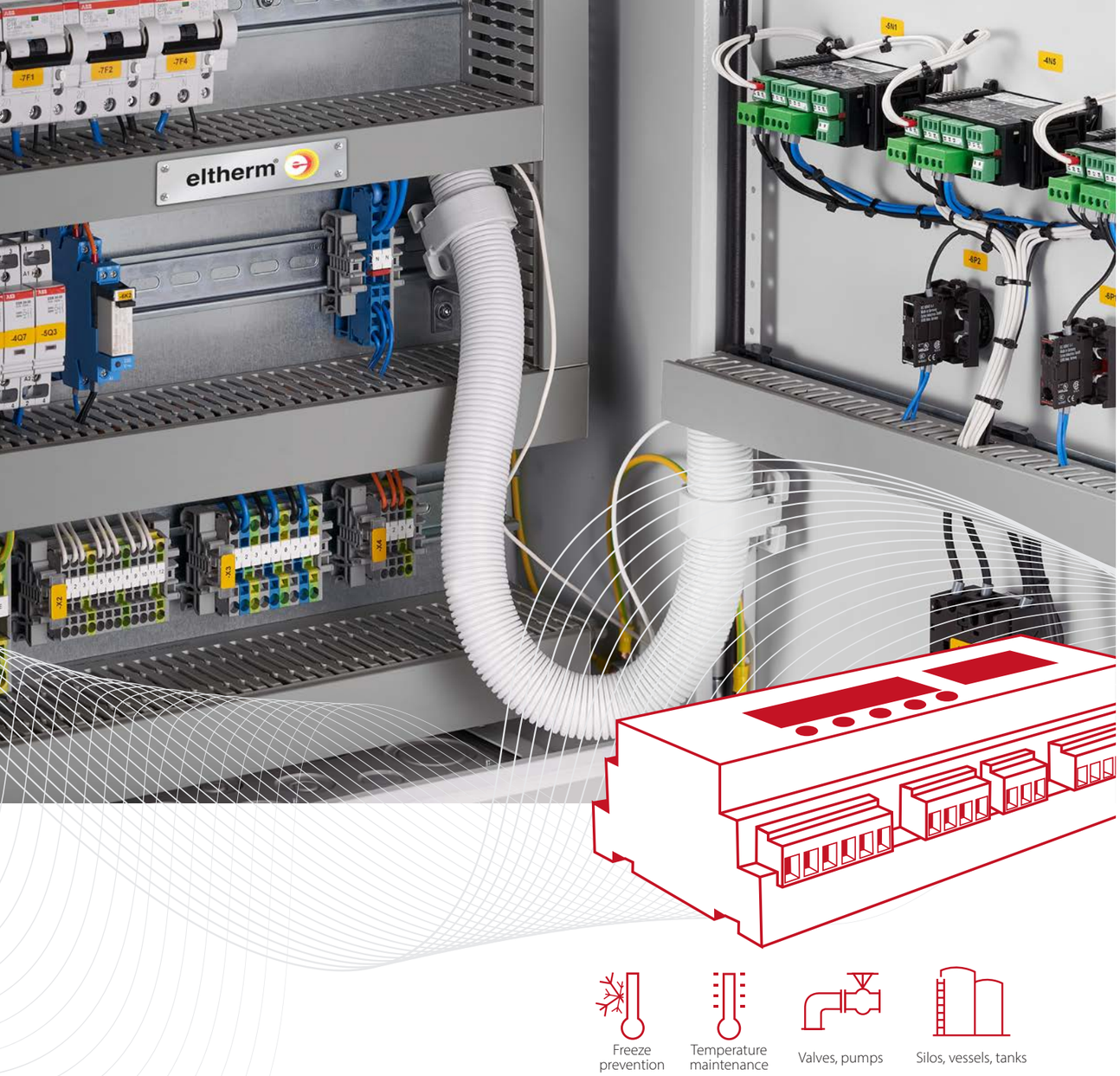


Custom designed and built

Textile heating mats and jackets cling very closely to the heating object. The choice of material depends on the application and parameters such as operating temperature and location. Aluminium-coated glass fabric is used for surface temperatures up to 160 °C, plastic fabric for temperatures up to 80 °C. Textile glass fibre is used for higher temperatures up to 450 °C. Hooks, eyelets or velcro fasteners are used to close them. Heating mats and jackets can be built for use in hazardous (Ex) areas.

Silicone heating mats are used when highly complex structures must be heated with to a specific temperature. They are produced in almost any shape and size and pasted directly in position and fastened by clamping eyelets.

Find more information on our website and in the product brochure.



Standard eltherm power and control panels provide cost-effective power distribution, monitoring and control for heat tracing circuits. They cover the majority of applications in industrial facilities, oil and gas, power, petrochemical and chemical plants. They can also be adapted, designed, planned and custom-engineered to meet specific requirements:

Benefits
- Modular design
- Simple and fast to install and start up
- Proven reliability and quality
- Short delivery times
- Cost effective
- Safe and reliable

Applications
- Chemistry and Petrochemistry
- Oil and Gas Industry
- Pharmaceutical industry
- Concentrated Solar Power
- LNG, Cryogenic Storage Tanks
- Power plants
- Machinery and plants

eltherm®

Power and Control Panels

For industrial applications in non-hazardous areas
- Power and control panels and heating circuit in non-hazardous areas
- Single and 3 phases
- 1 to 15 heating circuits

For industrial applications in hazardous areas
- Power and control panels in non-hazardous areas
- Heating circuit in hazardous area
- Single and 3 phases
- 1 to 15 heating circuits

For industrial applications in hazardous areas
- Power and control panels and heating circuit in hazardous area
- designed by eltherm and produced by qualified partners.
- 10 to 36 outgoing lines

Controllers and Limiters
- Electronic controller and limiter devices
- Electronic temperature controllers
- Electronic temperature controllers for hazardous (Ex) areas
- Electronic proportional temperature controllers
- Temperature limiters
- Temperature limiters for hazardous (Ex) areas

Thermostats, Temperature Sensors and Thermocouples
- Capillary thermostat
- Electronic thermostat
- Temperature sensors
- Thermocouples

» Find information on additional accessories on our website and in the product brochure.

EL-PCP

EL-PCP

EL-PCP-Ex

Controllers & Limiters

Our Expertise

The Turnkey Principle

We have earned global acclaim as a trusted partner for reliable turnkey solutions on electrical Heat Tracing. This reputation relies not only on a complete range of products, but also on a performance range all the way to the commissioning and safe operation of your process. Heating circuit concept and design, support by our engineers in implementing complex installations, documentation following international standards, project management and support long after the start-up phase gives you the confidence of a trusted global Player. Your advantage: eHT with integrated intelligence that ensure your processes run smoothly.

Supply
- Material Supply
- Procurement
- Logistics

Management
- Project Management
- Site Supervision
- Project Administration

Engineering
- Front End Design
- Basic Engineering
- Detail Engineering

Documentation
- Site Acceptance Test and Commissioning
- As-Built Documentation

Maintenance
- Repair
- Maintenance
- Check-up

Intelligent Solutions

Work Smarter, Not Harder

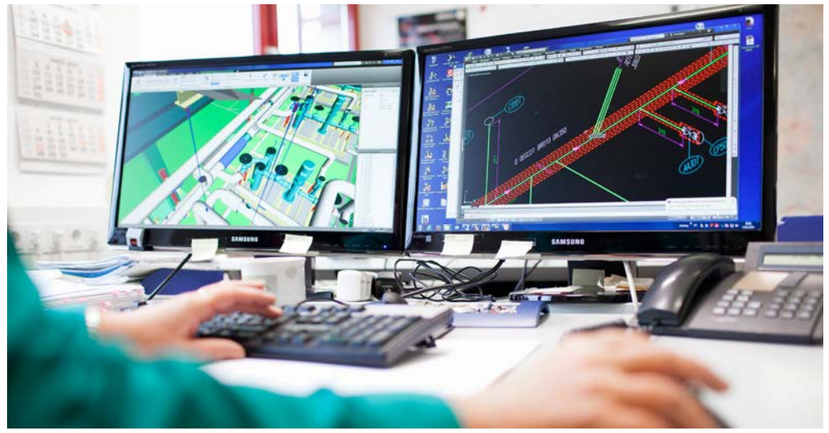
eltherm designer
The eltherm designer is a customer software solution for basic engineering heat tracing on pipes, pipelines and vessels. It is employed as a simple basis for EHT calculation and designs by eltherm project engineers.

Digital Engineering
Engineering based on digital database brings significant benefits in efficiency and accuracy, speeding up technical design and documentation. Using Intergraph, eltherm engineers have streamlined applications for engineering electrical heat tracing.

- All data is available in digital formats, ready to be processed
- Revision and alterations to planning is easy
- Drawings are integrated in process control systems for isometrics and heating circuit lists

Trace Vision® System
In combination with the innovative TraceVision® software, the TraceVision® System is a reliable solution for easy to handle and cost-effective supervision and control of the entire EHT system.

- TraceVision® MANAGER: the server application, installed on one machine for every project. This is the software brain of the system
- TraceVision® VIEWER: the client application. Every device with this software installed is able to connect to the TraceVision®MANAGER for access to the system, several devices have access simultaneously.



Quality Approved

Marked for Your Success

Our full electrical heat tracing product portfolio is manufactured according to state-of-the-art industrial technology in our own facilities in Germany and Canada.

All eltherm facilities are ISO-certified for health and safety, environmental and quality standards. ATEX certification for hazardous areas and a global range of national and international approvals qualifies eltherm for turnkey projects in any part of the world.

Expertise in electrical heat tracing for hazardous (Ex) areas is further underlined by eltherm's global **Ex**cellence-Initiative, which aims at providing and improving our customers' know-how on ex applications. Find our more on eltherm.com

elExcellence
eltherm Initiative for Excellence in Hazardous Areas

ATEX
Notified Body, according to Directive 2014/34/EU (former 94/9/EC)

Hyg, DVGW, KTW, NSF: Certification Body, Approval for Usage in Drinking Water

ABS: American Bureau of Shipping, Ship Classification, Maritime Service

Nemko: Certification Body

INMETRO: Certification Body, Approval for Brazilian Market

NEPSI: Certification Body, Hazardous Area Products for Chinese Market

ESTI: Certification Body, Approval for the Swiss Market

UkrSepro: Certification Body, Approval for the Ukraine Market

FM Approvals: Certification Body for Canadian and US Market

VDE: German Association for Electrical, Electronic and Information Technologies

NCC: Certification Body, Approval for Brazilian Market

CSA: Canadian Standards Association for Canadian and US Market

KTL: Korean Testing Laboratory for Hazardous Area Products

Conformity Mark for the Russian, Belarus and Kasach Market

CCFAT: Certification Body, approval for the French Market, Building and Construction

IECEx: International Electrotechnical Commission, IEC Certification Scheme for Explosive Atmosphere

Conformity Mark for the Russian, Belarus and Kasach Market

Expolabs: Certification Body for South-African Market (Ex, IA approval)

Reliability Certified

The Key to Reliable Function

Keeping processes running smoothly is the ultimate promise of eltherm's project management in all turnkey projects. Our track record across the globe is spotless – and the result of going the extra mile to ensure that heating circuits do what they should, when they should and how. Reliability is the key criterion when handing over industrial plants and facilities to the operator. Because we do nothing but electrical heat tracing, we are specialists par excellence at this.

This is expressed in this exemplary testimonial from a leading EPC customer:

Declaring "that, after 2 years of warranty period expired, EHT is performing on all counts to our utmost satisfaction…"
12. February 2018

Installation & Commissioning

We make sure that your turnkey EHT solution is professionally assembled on site and is ready to go into operation on time. We also ensure reliable functioning and smooth operation.

Maintenance, Repair, Operation

We make sure that your processes run smoothly. We check safe function of the EHT system and conduct maintenance and repair – wherever and whenever. This saves you costly down times.

Training and Support

For us, a contract fulfilled means commitment to after sales service. We support and advise you in all technical matters. Benefit from our know-how through our practical training for your teams.

Information and Customer Service

We make sure you remain up to date on any new application and innovative solution. We keep you posted on new products and systems and keep you informed ahead of new developments.

Global
Customer Profile

ABB
acciona
BAYER
أدنوك ADNOC
ACWA POWER كهرباء ماء
Linde
CCP 長春
EVONIK POWER TO CREATE
LOTTE CHEMICAL
gsk
ABENGOA
LUKOIL OIL COMPANY
INITEC Energía
MERCK
AMETEK
JG SUMMIT PETROCHEMICALS GROUP
HITACHI
ROSNEFT
HYUNDAI ENGINEERING & CONSTRUCTION
MHPS GROUP
eni
enel
NESTE OIL
bp
BILFINGER
Nordzucker
RWE
ENGIE
Eskom
NetworkRail
NEGEV ENERGY
BASF We create chemistry
SAMSUNG
GAZPROM
SENER
ارامكو السعودية Saudi Aramco
SAIPEM
EGA
DOOSAN
Henkel
SIBUR
Ferrostaal
HONDA The Power of Dreams
TechnipFMC
TECNICAS REUNIDAS
ZÜBLIN TEAMS WORK.

International Project References

Chemical

Customer	Project	Country	Turnkey	Engineering	Procurement	Material Supply	Supervision	Installation	Commissioning
KLEIBERIT Adhesives	Pipe, tank heating	Germany		●		●		●	●
Zhong Yuan Da Hua Group CO.LTD.	Melamine 3 Plant Revamp	China		●		●		●	●
Paramelt Specialty Materials Co. Ltd	Process optimisation	China	●	○	○	○	○	○	○
Coperion International Trading Co. Ltd.	Drum heaters	China		●		●			
Exion Energy Company Limited	Jasmine C Platform	Thailand		○	○	○			
AEC Industrial Engineering Co. Ltd	PE Expansion	Thailand		●	●	●	●	●	
BASF Germany	Acetylene Plant	Germany	●	○	○	○	○	○	○
Ding Zing Chemical Products Co. Ltd	TPU Manufacturing Line	Taiwan		●		●			
BASF South East Asia Pte. Ltd	EV Plant	Singapore	●	○	○	○	○	○	○
Samsung / BP Chemicals	Chemical plant	Korea		●		●		●	
AEC Industrial Engineering Co. Ltd	PE Expansion	Thailand							
BASF Dubai UAE	Process Pipe/tank heating	UAE		●		●		●	●
BASF Germany	NaCl-Plant	Germany		●		●	●	●	

Petrochemical

Shandong Li Hua Yi	BPA 1and BPA 2 Plant	China	●	○	○	○	○	○	○
Chang Chun Chemical (Jiangsu) Co. Ltd	4 BPA Plants	Taiwan	●	○	○	○	○	○	○
Chang Chun Chemical (Panjin) Co. Ltd	Jettyline, Utility, PTG	China	●	○	○	○	○	○	○
JG Summit Petrochemical Corporation	PE Capacity Expansion Project	Philippines		●		●	●		
UNILEVER-Pakistan	RAHIM-YAR-KHAN Plant	Pakistan	●	○	○	○	○	○	○
Shandong Li Hua Yi	BPA Plant	China	●	○	○	○	○	○	○
Eurome Shenzhen Co. Ltd.	Operation Maintenance	China	●	○	○	○	○	○	○
JG Summit Petrochemical Corporation	PE Capacity Expansion	Philippines		●		●			
Chang Chun Group	BPA Production Plants	Taiwan		●		●	●	●	●

● Scope of supply ○ included

Oil & Gas

Customer	Project	Country	Turnkey	Engineering	Procurement	Material Supply	Supervision	Installation	Commissioning
Pak-Arab Pipeline Co. Ltd (PAPCO)	White oil pipeline (WOP)	Pakistan		●		●		●	●
ADNOC	LNG heating replacement	UAE		●		●			
RABIGH Refining & Petrochemical Co	Utilities & offsite package	Saudi Arabia		●		●			
BP	BP-Tangguh LNG facility	Indonesia	●	○	○	○	○		
Alexandria-Petroleum Company	Heavy oil pipelines	Egypt	●	○	○	○	○		
Skangass/Linde	LNG Lyse Base Load Plant	Norway		●		●		●	●
Shell Deutschland Oil	Sour water stripper IV	Germany		●	●	●	●	●	
Singapore LNG Corporation	LNG tanks	Singapore	●	○	○	○	○	○	○
SINOPEC	Pipeline	China		●		●			
MOIL Group Oil and Gas	Oil transport process line	Pakistan		●	●	●			

Concentrated Solar Power

LuNeng Group	Haixi Luneng Project	China		●		●		●	●
ENGIE Africa Business Unit	Kathu & Ilanga Solar Parks	South Africa	●	○	○	○	○	○	○
ACWA POWER	NOOR Energy I Power Plant	UAE	●	○	○	○	○	○	○
SEC-Saudi Electricity Company	Waad-el-Shamal ISCC	Saudi Arabia		●		●			
ACWA POWER	Bokpoort CSP	South Africa				●	●	●	●
Negev Energy Ashalim Ltd.	Ashalim	Israel		●	●	●		●	●
Borg Al Arab	Borg Al Arab	Egypt		●	●	●	●	●	
ACWA POWER	NOOR I & NOOR III	Morocco	●	○	○	○	○	○	○
ABENGOA SOLAR	XINA	South Africa	●	○	○	○	○	○	○
ABENGOA SOLAR	Atacama I	Chile		●		●			
Abengoa	KaXu Solar One	South Africa				●	●	●	●
Tonopah Solar Energy LLC	Crescent Dunes Project	USA				●	●	●	●
TSK, Acciona, Sener	NOOR CSP Plants	Morocco	●	●		●		●	●

● Scope of supply ○ included

75.000 km

of trace heaters spanning twice the circumference of the globe in the course of a decade are used in a wide range of industries.

500 bar

and process temperatures up to 450 °C is what eltherm's heated pressure hose systems are built for in industrial applications.

5 Continents
14 Locations

270 Staff Members

work for eltherm all over the world. And for you and your heat tracing challenges.

2.777
Football Fields

is the ground space covered by the solar power plant NOOR in Morocco. Electrical heat tracing performs vital functions there.

Eight
Engineering Hubs

provide engineering solutions for turnkey projects and EPC requirements all over the world.

Twenty-three
Nations

The eltherm team is multinational. We are natives of a total of 23 nationalities.

550 °C

Molten salts must be kept at this temperature to keep them flowable. They store the sun's energy in concentrated solar power plants.

A contribution to sustainability and climate protection: The eltherm fleet operation was rated carbon-neutral in 2018. To achieve this objective, 143 t CO_2 emissions were compensated by supporting global climate protection projects.

At Your Service
eltherm globally

Milano/Italy	italia@eltherm.com
Shanghai/China	china@eltherm.com
Barcelona/Spain	spain@eltherm.com
Singapore	asiapacific@eltherm.com
Newbury/United Kingdom	uk@eltherm.com
Burlington/Canada	canada@eltherm.com
Calgary/Canada	canada@eltherm.com
Korolev/Russia*	russia@eltherm.com
Johannesburg/South Africa	southafrica@eltherm.com
Burbach/Germany	deutschland@eltherm.com
Casablanca/Morocco	morocco@eltherm.com
Santiago de Chile/Chile	chile@eltherm.com
Nur-Sultan/Kazakhstan	kazakhstan@eltherm.com
Delhi/India	india@eltherm.com

*Channel Business Partner

Your eltherm Contact

eltherm®

eltherm GmbH
Headquarters
Ernst-Heinkel-Straße 6 - 10
57299 Burbach, Germany

T.: +49 2736 4413-0
F.: +49 2736 4413-50
info@eltherm.com

www.eltherm.com

86100146 - GB - 06/2022 - 170 - Printed in Germany - Technical alterations reserved.