



Heating cable for highest output

The preferred use of the heating cable is for glass, quartz or ceramic devices and systems with the highest output requirements in a dry environment. Small dimensions and high flexibility simplify assembly. The heating cable must be installed touch-protected. If you plan to use the heating cable on metal and at an operating temperature in excess of 650 °C, please consult our project engineers.

Advantages:

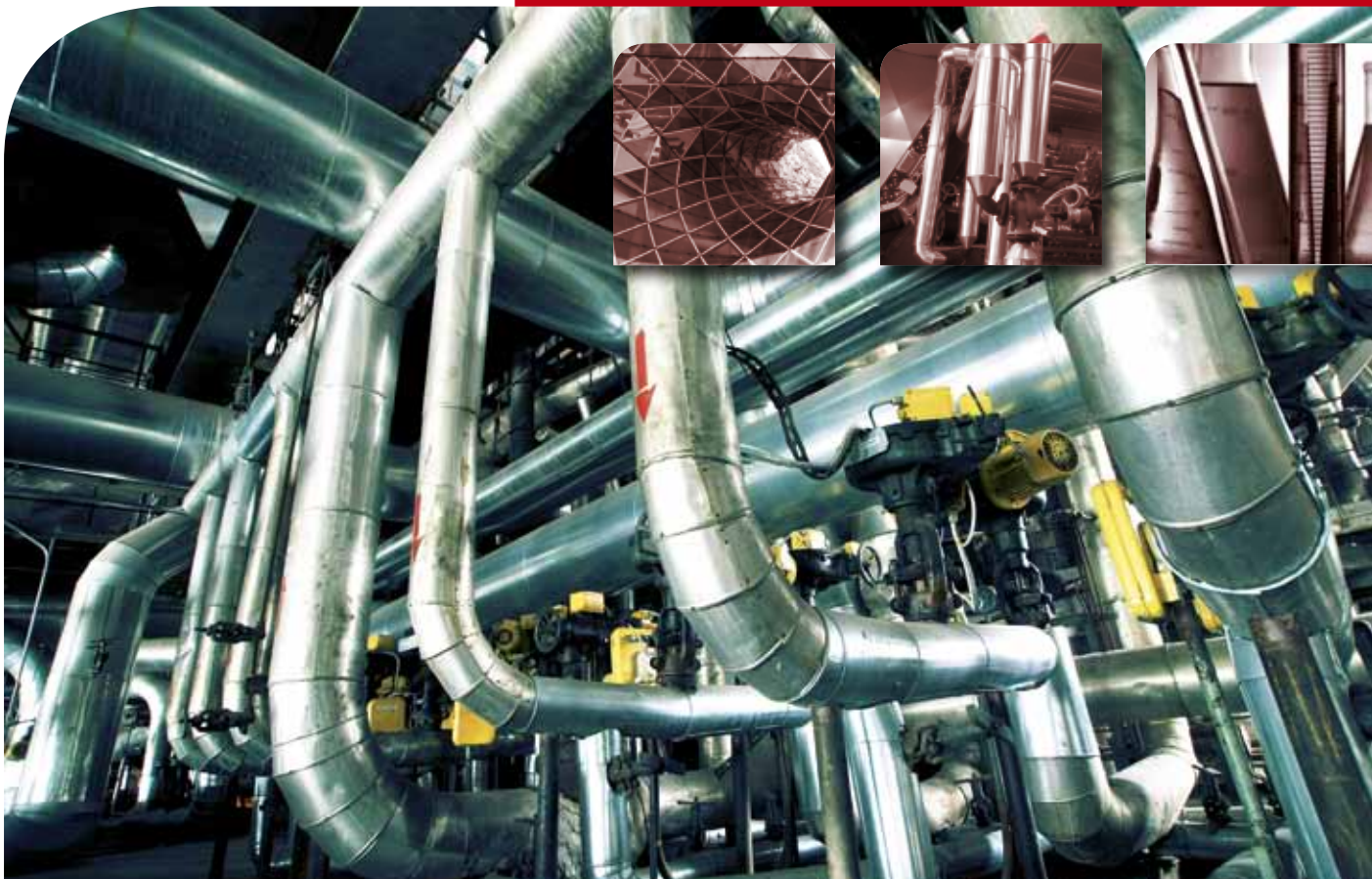
- Factory terminated
- Highest output
- Highest operating temperatures
- Ready to be used instantly
- Highly flexible
- Small bending radius
- Surface-friendly

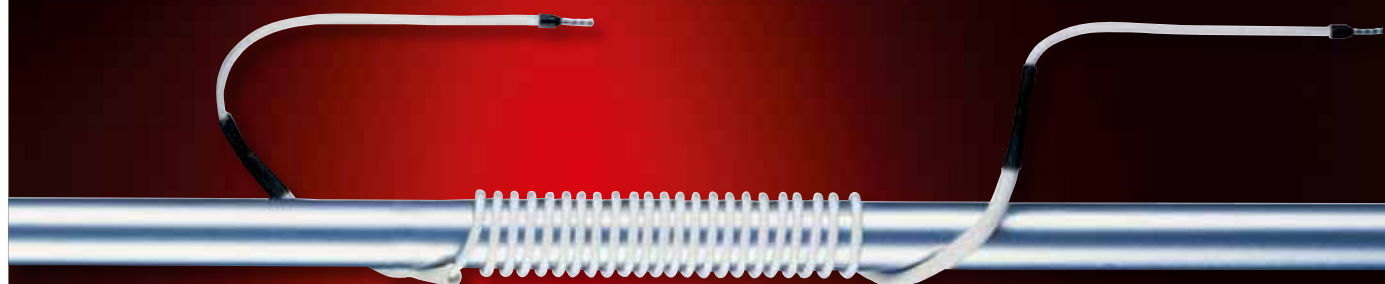
Applications:

- Heat tracing on glass, quartz and ceramic devices
- Devices and systems with high output needs
- Laboratory & research applications



Type **ELK-Q** up to 900 °C





Technical information

Type ELK-Q up to 900 °C

Data

■ Insulation	quartz textile
■ Nominal voltage	230 V
■ Output	~ 175 W/m*
■ Operating temp., max.	900 °C
■ Diameter	approx. 4 mm
■ Bending radius, min.	5 x outer diameter
■ Installation temp., min.	not restricted
■ Moisture proof	no
■ Cold lead length	1,2 m, without plug
■ Protection class	depending on installation

Standards

■ Manufactured according to	DIN VDE 0721 T2
■ Final inspection according to	DIN VDE 0721 T2 1,5 kV AC – 1 min

*Note: The output per meter of heating cable and the maximum possible operating temperatures depend on the respective application. For individual cases, we recommend that you contact our engineers – we will be pleased to advise you.

Designation	Heated length (m)	Nominal output (W)	Art. No.
ELK-Q 0,6	0,6	106	0160003
ELK-Q 1,0	1,2	138	0160006
ELK-Q 1,4	1,4	270	0160007
ELK-Q 2,0	2,0	319	0160011
ELK-Q 3,1	3,1	533	0160014

Not all resistances are available ex stock – please contact us.
Other lengths upon request.
Resistance tolerance: +/- 5 %
Lengths tolerance ± 2%, max. ± 0,25 m.

Designation	Heated length (m)	Nominal output (W)	Art. No.
ELK-Q 4,0	4,0	696	0160017
ELK-Q 5,0	5,0	822	0160020
ELK-Q 6,0	6,0	1062	0160023
ELK-Q 8,0	8,0	1438	0160026
ELK-Q 10,0	10,0	1653	0160029

Cables shall neither intersect nor contact.
Provide protection by means of circuit breaker FI 30.
Please observe the standards IEC 62395-2, EN 60519-10.