



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
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www.heatingandprocess.com

Heating Cable

for Maximum Flexibility

The factory terminated heating cable ELK-H is suitable for trace heating of apparatus, appliances and systems in a dry environment with protected installation. Both the high output and the slight, flexible design provide a wide variety of applications for this heating cable.

Advantages:

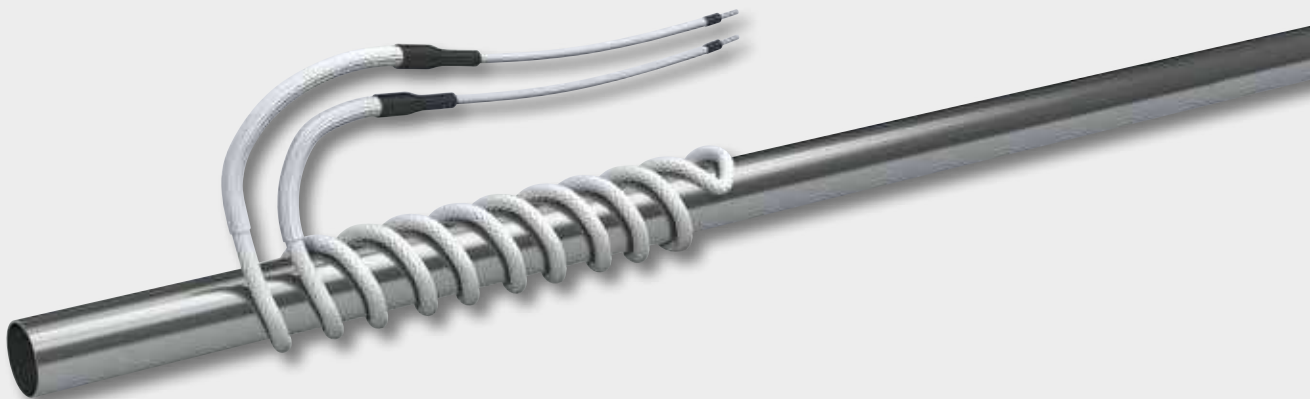
- Factory terminated
- Can be used for high temperatures
- Ready to be used instantly
- Highly flexible
- Small bending radius
- Easy to assemble

Applications:

- Heat tracing on apparatus, appliances and systems
- Glass devices and systems with high output needs
- Laboratory applications



Type **ELK-H** up to 450 °C





Technical Information

Type ELK-H up to 450 °C

Data

■ Insulation	E-glass textile
■ Nominal voltage	230 V
■ Output	approx. 125 W/m*
■ Operating temp., max.	450 °C
■ Diameter	3.5 - 4.5 mm
■ Bending radius, flat, min.	8 mm
■ 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-H-0.5	0.5	60	0140002
ELK-H-1.0	1.0	126	0140005
ELK-H-1.4	1.4	180	0140008
ELK-H-2.0	2.0	250	0140013
ELK-H-3.0	3.0	375	0140014
ELK-H-4.0	4.0	490	0140019

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-H-5.0	5.0	622	0140020
ELK-H-6.5	6.5	768	0140024
ELK-H-8.0	8.0	987	0140025
ELK-H-10.0	10.0	1260	0140030
ELK-H-12.6	12.6	1555	0140031
ELK-H-16.0	16.0	1945	0140034

Cables shall neither intersect nor contact.
Provide protection by means of circuit breaker FI 30mA.
Please observe the standards EN 60519-1, EN 60519-2.



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