



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
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www.heatingandprocess.com

PTFE-insulated Heating Cable

Factory Terminated

This versatile heating cable is used for frost protection and temperature maintenance, even under highly corrosive environmental conditions. The heating cable ELK-AG-N is suited and approved for use in potentially explosive atmospheres. It is highly flexible permitting its application in areas of use. Upon consultation of our engineers, this cable may likewise be used for inside trace heating of piping.

Advantages:

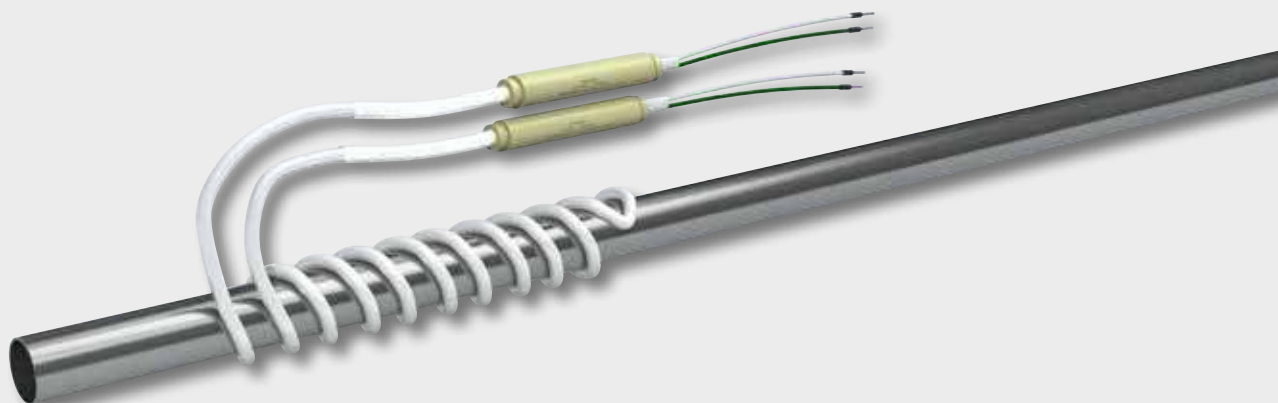
- Factory terminated
- High chemical and mechanical resistance
- Can be used in all industrial areas
- High operating temp.
- Can be used in liquids
- Easy to install, even on complex shapes
- Highly flexible
- Resistant to steam purging

Applications, especially in Hazardous Areas: e.g.

- Heat tracing on tanks
- Heat tracing on vessels
- Heat tracing on filters
- Heat tracing on hoppers
- Pipes, valves and pumps
- Tank containers
- IBC's
- Heating hoods
- Automotive
- Varnishing plants



Type **ELK-AG-N** up to 260 °C





Technical Information

Type ELK-AG-N up to 260 °C

Data

■ Insulation	PTFE
■ Protective braid	Nickel-plated copper
■ Outer jacket	PFA
■ Nominal voltage max.	230 V
■ Output	25 W/m
■ Operating temp., max.	260 °C
■ Heating conductor diameter	3.8 - 4.7 mm
■ Bending radius, min.	2.5 x outer diameter
■ Installation temp., min.	-60 °C
■ Cold lead length, both ends	1.2 m, without plug
■ Moisture proof	Yes
■ Protection class	I
■ Impact resistance	4 Joule

Standards

■ Manufactured according to	DIN VDE 0253, EN 60079-30-1
■ Cable	60079-30-1
■ Pipe collar	60079-0-7
For Ex-applications:	
■ Classification cable	II 2G Ex e IIC Gb II 2D Ex tb IIIC Db
■ Certificate cable	EPS 12ATEX1466U
■ Classification ExCon	II 2G Ex e IIC T6...T3 Gb II 2D Ex tb IIIC TX Db
■ Certificate ExCon	04ATEX1005X / 07ATEX1023X
■ Standard ExCon	EN 60079-0:2009, EN 60079-7:2007, EN 60079-31:2009

***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.



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