



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
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PTFE-insulated Heating Cable

Factory Terminated

This versatile, factory terminated, heating cable is used for frost protection and temperature maintenance, even under highly corrosive environmental conditions which means this heating cable can be used on an extremely wide variety of applications.

Advantages:

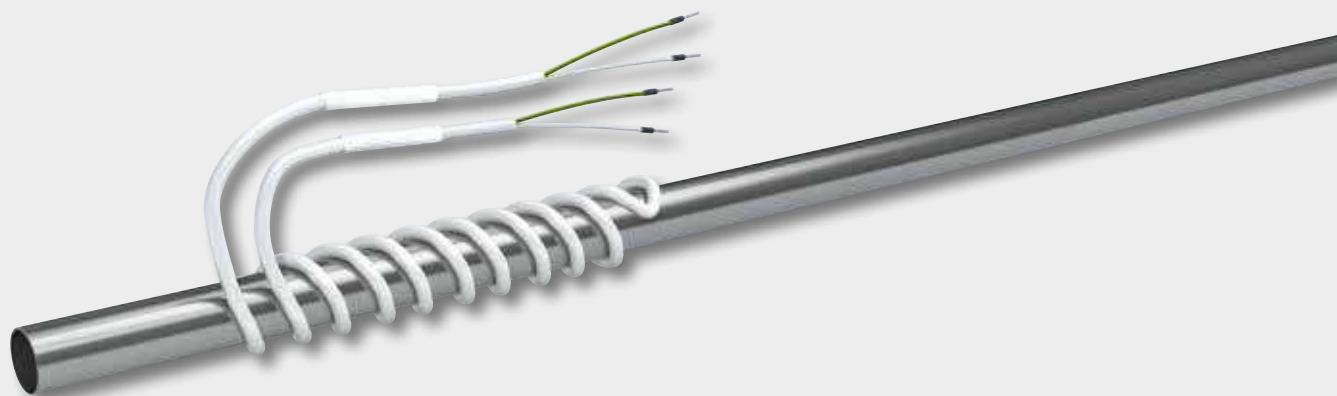
- Factory terminated
- High chemical and mechanical resistance
- Can be used in all industrial areas
- High operating temp.
- Can be used in liquids
- Easy to install, even on complex shapes
- Highly flexible
- Resistant to steam purging

Applications: e.g.

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



Type **ELK-AG-L** up to 260 °C





Technical Information

Type ELK-AG-L up to 260 °C

Data

■ Insulation	PTFE
■ Protective braid	Nickel-plated copper
■ Outer jacket	PTFE
■ Nominal voltage max.	230 V
■ Output	25 W/m
■ Operating temp., max.	260 °C
■ Heating conductor diameter	4.1 - 4.8 mm
■ Bending radius, min.	2.5 x outer diameter
■ Cold lead length, both ends	1.2 m, without plug
■ Installation temp., min.	-60 °C
■ Moisture proof	Yes
■ Protection class	I

Standards

■ Manufactured according to	DIN VDE 0253, EN 62395-1
■ VDE mark approval	40001594

***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) temperature. max. 100 °C	Art. No.	Nominal output (W) temperature. max. 150 °C	Art. No.	Nominal output (W) temperature. max. 200 °C	Art. No.
ELK-AG-L 1.2	1.2	30	0135011				
ELK-AG-L 2.2	2.2	54	0135021				
ELK-AG-L 3.4	3.4	78	0135031	52	0135032	26	0135033
ELK-AG-L 4.8	4.8	94	0135041	69	0135042	37	0135043
ELK-AG-L 6.0	6.0	147	0135061	88	0135062	44	0135063
ELK-AG-L 8.4	8.4	210	0135081	126	0135082	63	0135083
ELK-AG-L 10.8	10.8	245	0135101	163	0135102	82	0135103
ELK-AG-L 12.0	12.0	294	0135121	176	0135122	88	0135123
ELK-AG-L 14.0	14.0	344	0135141				
ELK-AG-L 20	20.0	464	0135201	294	0135202		
ELK-AG-L 25	25.0	623	0135251	371	0135252	192	0135253
ELK-AG-L 30	30.0	705	0135301	441	0135302	220	0135303
ELK-AG-L 35	35.0	864	0135351	521	0135352		
ELK-AG-L 42.0	42.0	1,008	0135421	611	0135422	315	0135423
ELK-AG-L 56.0	56.0	1,390	0135561	756	0135562	378	0135563

Other lengths upon request.

Resistance tolerance: +/- 5 %

All output figures are nominal values at +20 °C.

Lengths tolerance ± 2%, max. ± 0.25 m.

For applications with fixed external diameter, please contact our engineers first.

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.



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