



Parallel heating cable with resistance wire

The installation of this heating cable is highly cost-efficient with any kind of heat tracing application thanks to the single end power input. The heating cable consists of a succession of heating zones (length = contact spacing) and can be cut to length in sections of the contact distance to the required length. When cutting into lengths, the heating circuit is interrupted up to the next contact point and this non-active part can be used as a cold lead. During the design phase, one contact spacing length per planned heating circuit must be calculated additionally.

Advantages:

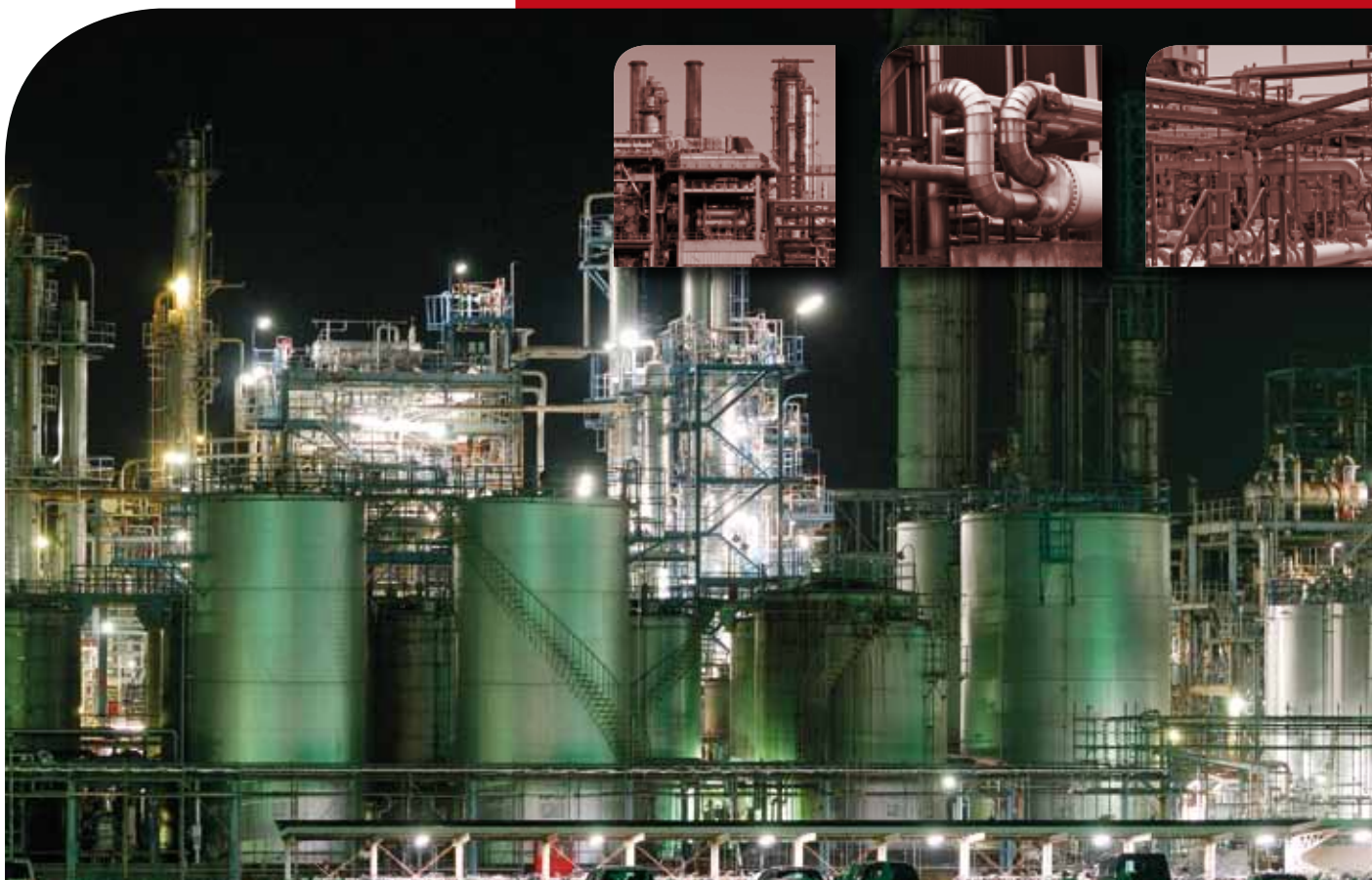
- Single end connection
- Can be cut off the roll
- Constant power output per meter
- Highly flexible

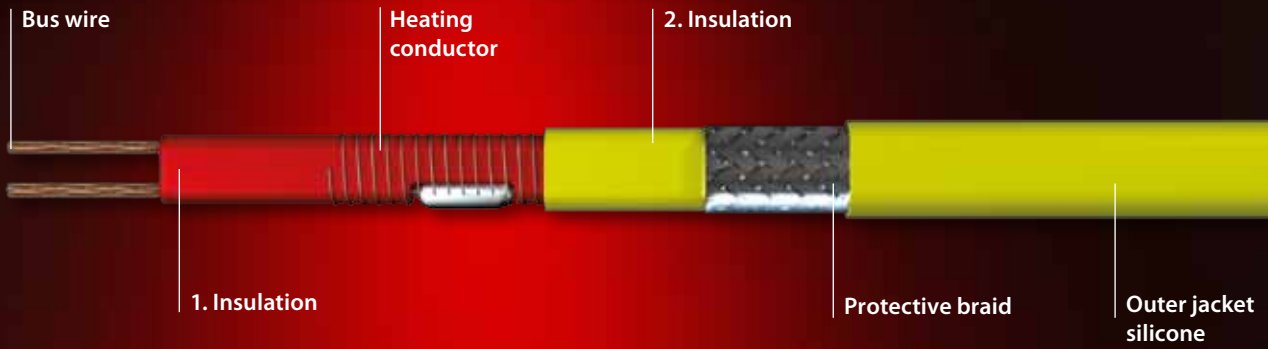
Applications:

- Vessels, piping, valves
- Food processing industry
- Frost protection and temperature maintenance on pumps, etc.



Type **ELP/Si** up to 200 °C





Technical information

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Data

| | |
|--------------------------|-------------------------|
| ■ Insulation | silicone |
| ■ Outer jacket | silicone |
| ■ Protective braid | copper |
| ■ Bending radius, min. | 30 mm |
| ■ Bus wire cross section | 2 x 1,5 mm ² |
| ■ Moisture proof | yes |
| ■ Nominal voltage | 230 V AC/DC |

For suitable connection and termination kits please note our considerable accessories catalogue unit.

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.

| Type | Nominal output | Dimensions approx. (mm) | Contact spacing (m) | Item n° |
|------------------|----------------|-------------------------|---------------------|---------|
| ELP/Si 10 BO 230 | 10 W/m | 5,25 x 9,75 | 1,0 | 0320102 |
| ELP/Si 20 BO 230 | 20 W/m | 5,25 x 9,75 | 1,0 | 0320108 |
| ELP/Si 30 BO 230 | 30 W/m | 5,25 x 9,75 | 1,0 | 0320114 |
| ELP/Si 40 BO 230 | 40 W/m | 5,25 x 9,75 | 1,0 | 0320120 |

| Type | W/m | Length (m) at 50 °C | Length (m) at 150 °C |
|------------------|-----|---------------------|----------------------|
| ELP/Si 10 BO 230 | 10 | 198 | 147 |
| ELP/Si 20 BO 230 | 20 | 139 | 102,5 |
| ELP/Si 30 BO 230 | 30 | 98 | 82,5 |
| ELP/Si 40 BO 230 | 40 | 73,5 | 70,5 |

Parallel heating cables up to nominal voltages of 120 V or 400 V are available upon request. Bus wire cross section 2 x 2 mm² upon request.

*given an utilization of 80 % 16 A and 10 % voltage drop.

