



Heating Tape

Robust, for Higher Temperatures

This factory terminated heating cable is ideally suited for trace heating of apparatus, appliances and systems in a non-corrosive and dry environment. The heating tape is highly flexible, does not damage the surfaces and is suitable for high output requirements. The braiding provides protection against mechanical damages and can be integrated in the electrical protection measures.

Advantages:

- Factory terminated
- Ready to be used instantly
- Single end connection
- Increased safety through protective braid
- Can be used for higher temperatures
- Highly flexible
- Surface-friendly
- Small bending radius
- Easy to assemble

Applications:

- Heat tracing on apparatus, piping, valves and systems
- Devices and systems with high output needs
- Laboratory & research applications



Type **ELW-HS** up to 450 °C





Technical Information

Type ELW-HS up to 450 °C

Data

■ Insulation (1)	E-glass textile
■ Protective braid (2)	1.4301 / SS 304
■ Outer jacket (3)	E-glass textile
■ Nominal voltage	230 V
■ Output	Approx. 250 W/m*
■ Operating temp., max.	450 °C
■ Dimensions	30 x 5 mm
■ Bending radius, flat, min.	10 mm
■ Installation temp., min.	Not restricted
■ Moisture proof	No
■ Cold lead length, both ends	1.2 m, without plug
■ Protection class	I

Standards

■ Manufactured according to	DIN VDE 0721 T2
■ Final inspection according to	DIN VDE 0721 T411 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.
ELW-HS-0.5	0.50	126	0240102
ELW-HS-0.7	0.70	180	0240105
ELW-HS-1.0	1.00	250	0240110
ELW-HS-1.5	1.50	375	0240111
ELW-HS-2.0	2.00	490	0240116
ELW-HS-2.5	2.50	622	0240117

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.
ELW-HS-3.25	3.25	768	0240121
ELW-HS-4.0	4.00	987	0240125
ELW-HS-5.0	5.00	1260	0240127
ELW-HS-6.3	6.30	1555	0240131
ELW-HS-8.0	8.00	1945	0240135

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.