



# Heating tape for maximum flexibility

It is used to heat up glass, quartz or ceramic devices and systems in a non-corrosive and dry environment. The tape is highly flexible, does not damage the surfaces and is suitable for high output requirements. The heating tape should be protected mechanically and adjacent metallic parts should be integrated in the electrical protection measures.

## Advantages:

- Factory terminated
- Ready to be used instantly
- Single end connection
- Can be used for high temperatures
- Highly flexible
- Surface-friendly
- Small bending radius
- Easy to assemble

## Applications:

- Heat tracing on apparatus, appliances and systems made of glass, quartz or ceramic material
- Glass devices and systems with high output needs
- Laboratory & research applications



Type **ELW-H** up to 450 °C





## Technical information

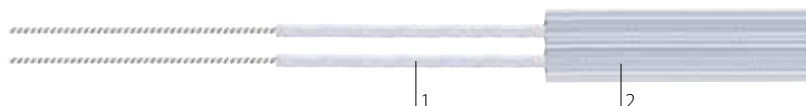
## Type ELW-H up to 450 °C

### Data

■ Insulation (1)	E-glass textile
■ Outer jacket (2)	E-glass textile
■ Nominal voltage	230 V
■ Output	approx. 250 W/m*
■ Working temp., max.	450 °C
■ Dimensions	30 x 5 mm
■ Bending radius, flat, min.	10 mm
■ Installation temp., min.	not restricted
■ Moisture proof	no
■ Connection	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 T411 1,5 kV AC – 1 min



\*Note: The output per meter of heating cable and the maximum possible working 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)	Item n°
ELW-H-0,50	0,50	126	0240002
ELW-H-0,70	0,70	180	0240005
ELW-H-1,00	1,00	250	0240010
ELW-H-1,50	1,50	375	0240011
ELW-H-2,00	2,00	490	0240016
ELW-H-2,50	2,50	622	0240017
ELW-H-3,25	3,25	768	0240021

Designation	Heated length (m)	Nominal output (W)	Item n°
ELW-H-4,00	4,00	987	0240025
ELW-H-5,00	5,00	1260	0240027
ELW-H-6,30	6,30	1555	0240031
ELW-H-8,00	8,00	1945	0240034

Not all resistances are available ex stock – please contact us.  
Other lengths upon request.  
Resistance tolerance: +/- 5 %  
Lengths tolerance ± 2%, max. ± 0,25 m.

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.