



THORNE &
DERRICK
INTERNATIONAL

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Heating Tape

for Corrosive Environments

The factory terminated heating tape ELW-VA is suitable for trace heating of apparatus, appliances and systems in a corrosive environment. The minimal dimensions of the heating tape enable close tracing. This heating tape is not sensitive to rough surfaces.

Advantages:

- Factory terminated
- Single end connection
- Highly flexible
- Small bending radius
- Small dimensions
- Robust
- Easy to assemble
- Moisture proof

Applications:

- Heat tracing on apparatus, appliances and systems
- Laboratory applications
- Temperature maintenance on piping



Type **ELW-VA** up to 260 °C





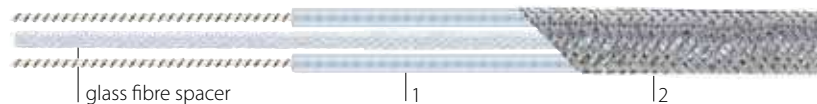
Technical Information

Data

■ Insulation (1)	PTFE
■ Protective braid (2)	1.4301 / SS 304
■ Nominal voltage	230 V
■ Output	Approx. 50 W/m*
■ Operating temp., max.	260 °C
■ Dimensions (wxh)	Approx. 10 x 5 mm
■ Dimensions, sleeve (wxhxl)	32 x 16 x 65 mm
■ Bending radius, flat, min.	15 mm
■ Installation temp., min.	-30 °C
■ Moisture proof	Yes
■ Cold lead length, both ends	1.2 m, silicone cable, without plug
■ Protection class	I

Standards

■ Manufactured according to	DIN VDE 0253
■ Final inspection according to	DIN VDE 0721 T411 2.5 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) temperature. max. 100 °C	Art. No.	Nominal output (W) temperature. max. 150 °C	Art. No.	Nominal output (W) temperature. max. 200 °C	Art. No.
ELW-VA 0.6	0.6	30	0232001	–	–	–	–
ELW-VA 1.1	1.1	54	0232011	–	–	–	–
ELW-VA 1.7	1.7	78	0232701	52	0232012	26	0232013
ELW-VA 2.4	2.4	94	0232021	69	0232022	37	0232023
ELW-VA 3.0	3.0	147	0232031	88	0232032	44	0232033
ELW-VA 4.2	4.2	210	0232041	126	0232042	63	0232043
ELW-VA 5.4	5.4	245	0232051	163	0232052	82	0232053
ELW-VA 6.0	6.0	294	0232061	176	0232062	88	0232063
ELW-VA 7.0	7.0	344	0232071	–	–	–	–
ELW-VA 10.0	10.0	464	0232101	294	0232102	–	–
ELW-VA 12.5	12.5	623	0232121	371	0232122	192	0232123
ELW-VA 15.0	15.0	705	0232151	441	0232152	220	0232153
ELW-VA 17.5	17.5	864	0232171	521	0232172	–	–
ELW-VA 21.0	21.0	1,008	0232211	611	0232212	315	0232213
ELW-VA 28.0	28.0	1,390	0232281	756	0232282	378	0232283

Other lengths upon request.
Resistance tolerance: +/- 5 %
All output figures are nominal values at +20 °C.
Lengths tolerance ± 2%, max. ± 0.25 m.

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.