

Electrical Heating Product  
for surface heating applications.

**ONETRACE**  
Self-Regulating Heating Cable

- Automatically adjusts heat output in response to increasing or decreasing surface temperature.
- Can be cut-to-length.
- Inherently temperature safe.
- Available in 100 to 130V and 200 to 277V AC.
- \*Fluoropolymer outer jacket for added UV resistance.

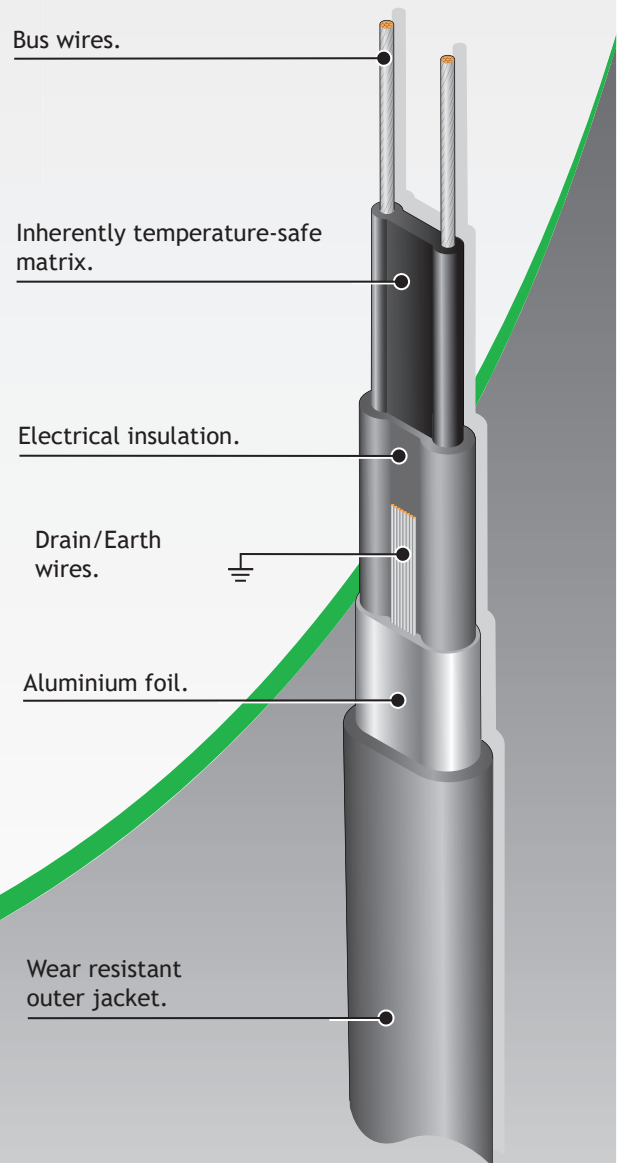
## DESCRIPTION

“ONETRACE is a light-self regulating heating cable that can be used for frost protection and temperature maintenance of pipework, surfaces, or tanks. It’s construction offers a low cost solution for use in industrial, commercial, agricultural and residential applications.

OneTrace is suitable for preventing frost and snow build up in winter conditions, protecting soil, ponds, gutters, and pipes from freezing in those cold winter months. Its unique construction allows for easy installation and maintenance, making it an ideal solution for frost prevention at home, at the caravan or in the marina.

Its self-regulating characteristics improve safety and reliability. OneTrace will not overheat or burnout, even when overlapped upon itself. Its power output is self-regulated in response to the pipe surface or ambient temperature.

It can be cut-to-length on site and exact piping lengths can be matched without complicated design considerations.”



## SPECIFICATION

### MINIMUM OPERATING TEMPERATURE:

-40°C (-40°F)

**POWER SUPPLY:** 100 - 130V and 200 - 277V AC

**INGRESS PROTECTION:** IP67

### WEIGHTS & DIMENSIONS:

Type Ref	Dimensions (mm) +/-0.5	Weight kg/100m	Min Bending radius	Gland Size
15 OT2-AT	12.6 x 5.8	11kg	35mm	M20
30 OT2-AF	12.2 x 5.5	11kg	35mm	M20

### MAXIMUM LENGTH (m) vs. CIRCUIT BREAKER SIZE:

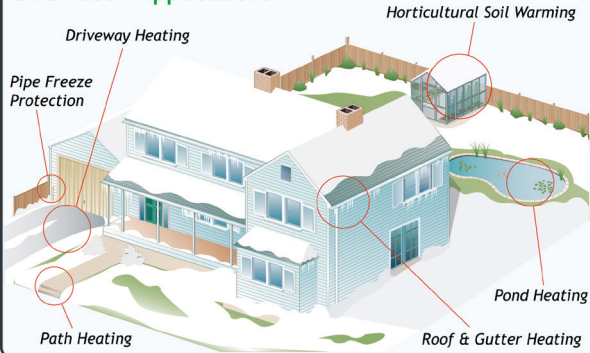
The following circuit details relate specifically to the trace heating of pipework and equipment. For any other application consult Heat Trace.

Cat. Reference	Start-up Temperature	230V				
		6A	10A	16A	20A	25A
15 OT2-AT	10°C	46	76	120	148	
	0°C	36	62	98	122	148
	-20°C	24	42	66	82	102
	-40°C	16	28	44	56	68
30 OT2-AF*	10°C	32	52	82	104	110
	0°C	26	42	68	84	106
	-20°C	16	28	46	56	70
	-40°C	12	18	30	38	48

### FURTHER INFORMATION:

Please consult the appropriate termination instructions and the Heat Trace Design, Installation, & Maintenance Manual (HTDIMM) for further details.

### OneTrace - Applications



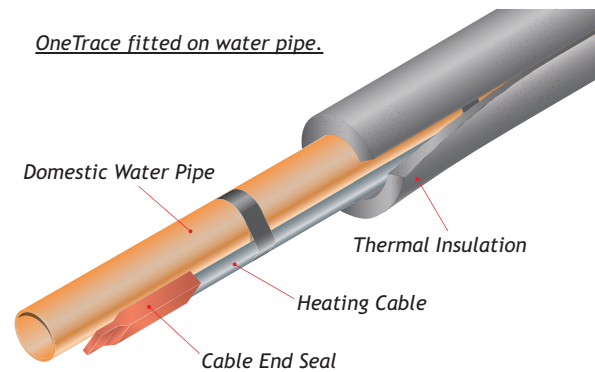
### INTRODUCING ONETRACE FREEZE PROTECTION SOLUTIONS:

We aim to provide you with the best possible equipment and components available on the market. Our inherently temperature-safe, self-regulating heating cables are produced in the same location, using the same processes, as those used in industrial hazardous areas such as oil refineries, nuclear power stations, offshore platforms and food processing facilities. You can now bring this technology into your home!

OneTrace cable is self-regulating and energy saving. In freezing conditions it produces maximum heat which reduces progressively as the ambient temperature increases.

### Pipe Freeze Protection.

In winter climates, water supply, drainage, fuel lines and pipes in unheated areas can freeze, burst and cause serious damage.



### Roof & Gutter Heating.

Everyone living in a climate with severe winters is aware of the phenomenon known as icicles. While they may look festive, they pose serious dangers when left unattended. Icicles form when snowfall on a roof melts during the day, only to refreeze at night in the gutter. The frozen gutter causes a blockage on the roof. As a result; an ice dam on the roof, which will damage your roof, requiring expensive repairs, the weight of the ice in your gutter can damage them very quickly. Our self-regulating heating cables can be installed on your roof and in your gutters and downspouts to provide maximum protection to your home. These cables automatically adjust to provide more heat in colder areas, providing protection against frozen gutters and ice dams exactly where it is needed. The prevention of roof and gutter damage alone pays for the system and its operating cost.



Heat Trace Ltd, Mere's Edge, Chester Road, Helsby, Frodsham, Cheshire, WA6 0DJ, England.  
Tel: +44 (0)1928 726451  
www.heat-trace.com Email: info@heat-trace.com