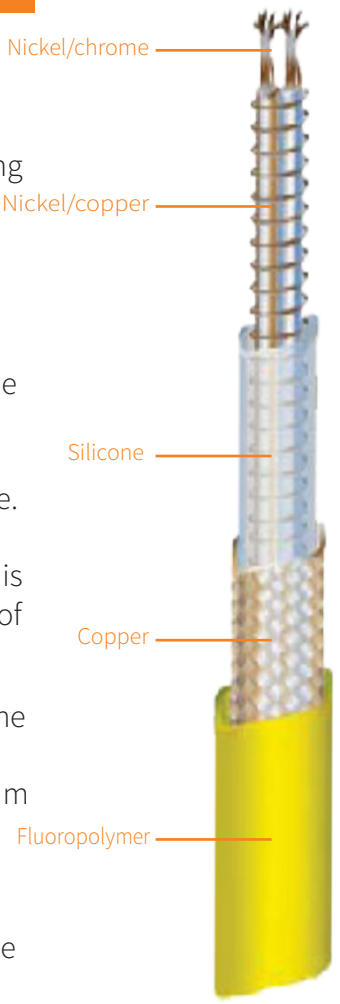
HEATCOM®

Pipe Ultra

The parallel resistive heating cable is a resistance cable with a constant output. The outer insulation of the cable is made of fluoropolymer, which is well suited for both exterior and interior installation of tubing, water pipes, valves, sprinkler systems, etc. The applied fluoropolymer is certified for use in water pipes containing drinking water. Furthermore, the cable is very robust and resistant to the corrosive substances used in the chemical industry.



The cable consists of short heating units placed one after another. The distance between the units is 100 cm. At the contact points, the built-in heating wire meets phase and neutral, which enables shortening of the cable to the desired length. The contact points can be seen and felt on the outer insulation of the cable. From the end of the cable to the first contact point, no heating is produced. The maximum length of the cold end therefore equals the distance between the contact points, i.e. 100 cm, and this part of the cable can be connected directly to a terminal or terminal block. The heating capacity of the cable does not change when the cable is shotened. Since the cable is a resistance cable, it does not require a large amount of starting current.

As a result, it is possible to install very long cables, which is one of the benefits of the parallel resistive cable. The maximum length of the cable is always the same, no matter the temperature conditions under which the cable is installed. The maximum installation length of Pipe Ultra 10 W/m is 100 m. The output of the cable is not reduced over the years as we know it from the self-limiting heating cable, which means greater reliability and a longer service life. Furthermore, this high quality cable is made of the best raw materials - see the drawing of the structure. The cable should be connected to a thermostat for monitoring and, not least, energy-optimised operation. Do not cross or overlap the cable during installation.

Technical Data

CE

Voltage	230 V ~ 50 Hz
Output	10 W/m
Cable diameter (flat oval)	9.9 x 7.05 mm
Inner conductor	2x2 mm^2
Distance between contact points	1.0 m
Min./Max temp.	200 °C / -70 °C
Min. bending radius	
Outer insulation	Certified, Fluoropolymer
Warranty	10 years
Approval	CE
International standard	EN 62395

We recommend that the Heatcom Pipe Ultra heating cable is monitored by a thermostat or other control system.

Pipe Ultra

Item no.	Type	Name	Output	Current	Max length
40014010	RFL110E030	Pipe Ultra	10 W/m	6 A	120 m

Product benefits

- Can be shortened to desired length on-site.
- No issues regarding starting current as opposed to selflimiting cables and always the same output/power consumption no matter the ambient temperature.
- Built-in cold cable can be directly connected to thermostat.
- Cable design provides for easy connection to terminals.
- Fluoropolymer is certified for use inside water pipes.
- Spans a large temperature range, from -30°C to +200°C.
- Very robust design and resistant to corrosive substances.
- No reduction of total output over time.
- High-quality materials provide for long service life.
- Available in many outputs - request info.
- 10-year product warranty.