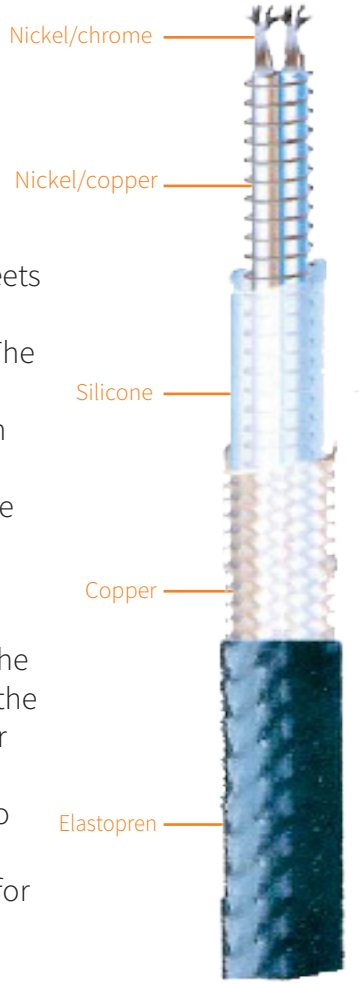
HEATCOM®

Roof Ultra

Parallel resistive heating cable Elastpren, a constant-output resistance cable. The outer sheath of the cable is made of Elastopren, which is specially designed for frost protection of roofs, gutters and downpipes. Elastopren is highly UV-resistant, robust and flexible, and therefore very easy to install.



The cable is made up of short heating units placed end to end. The units are connected at 60 cm intervals. At these contact points, the built-in heating wire meets phase and neutral, which makes it possible to shorten the cable to the desired length. The contact points can be seen and felt on the outer sheath of the cable. The part of the cable that does not heat runs from the end of the cable to the first contact point. The cold end can therefore be no longer than the distance between the contact points, i.e. 60 cm, and it can be connected directly to a terminal or a terminal block. The heat output does not change when the cable is shortened. The cable is a resistance cable and therefore does not draw a large starting current.

One of the advantages of the parallel resistive cable is that very long max. lengths are possible. The maximum length of the cable is always the same, regardless of the temperatures under which the cable is installed. Depending on the cable output, the max. installation lengths are from 100 - 150m. The cable does not lose output over the years, as is known from the self-limiting heating cable. The properties of the cable thus give greater operational reliability and a longer service life, and it is also made of the best raw materials and is therefore of the highest quality – see the drawing of the cable construction. The cable must be connected to a thermostat for monitoring and, not least, for energy-optimised operation.
Avoid crossing or overlapping the cable during installation.

Technical Data

CE

Voltage	230 V ~ 50 Hz
Power output	20, 30 & 40 W/m
Cable diameter (flat oval)	11,2 x 8,35 mm
Inner conductor	2x2 mm^2
Distance between contact points	0,6 m
Max. cable temperature	150 °C / -40 °C
Min. bending radius	
Outer sheath	UV-resistant, Elastopren
Warranty	10 years
Approval	CE
International standard	EN 62395

We recommend that Heatcom's Roof Ultra heating cable is never operated at temperatures above 5 °C.
This is regulated by monitoring with a thermostat or other control system.

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Item No.	Type	Description	Power	Current	Max length
40012020	REL112E020	Roof Ultra	20 W/m	16 A	150 m
40012030	REL112E030	Roof Ultra	30 W/m	16 A	120 m
40012040	REL112E040	Roof Ultra	40 W/m	16 A	100 m

Product advantages

- Can be shortened to desired length on-site.
- No starting current issues as with self-limiting cables.
- Built-in cold cable can be connected directly to the thermostat.
- The cable construction allows easy termination.
- Elastopren has a very high UV resistance.
- Can operate over a wide temperature range from -40˚C to +135˚C.
- The cable is very flexible and robust and thus very easy to install.
- Loses none of its total output over time.
- Materials of the best quality provide a long service life.
- Available in many output classes from 15 W/m to 90 W/m - but not all types are kept in stock.
- 10 year product warranty.