



Frost Protection Solutions
Trace Heating • Ice and snow melting

DEVI TM
Member of the Danfoss Group

DEVI - One point of responsibility for complete frost protection solutions

DEVI - global leader in electric heating and controls, is committed to designing frost protection systems to match your application and project specific requirements. DEVI provides unrivalled project support, from manufacture through to design, supply and installation aswell as providing you with complete aftersales care and technical guidance.

Our range of self-regulating cables contain a unique double-bonded centre core which prevents moisture ingress, maintaining efficiency and longevity of the cable. Aswell as this, our devireg 850 controller is manufactured with a moisture sensor, as well as a temperature sesnor, to ensure it is switched on at the right time and only when necessary - further increasing your economy and efficiency.

1. dev i Pipeguard - trace heating for frost protection of pipes

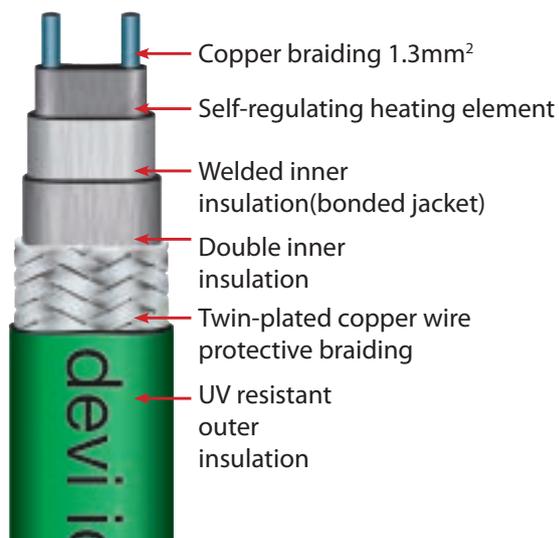
Trace heating is an economic and long-term solution for any pipe that is likely to freeze, preventing serious damage to pipeline systems and loss of production.

devi-pipeguard provides efficient, simple protection against frost. The heat tape length can be cut to fit on site and is self-regulating, which means that the output is dependant on when it is required.



devi Pipeguard /Hotwatt, available in various outputs according to application

The main components of dev i Pipeguard and Hotwatt

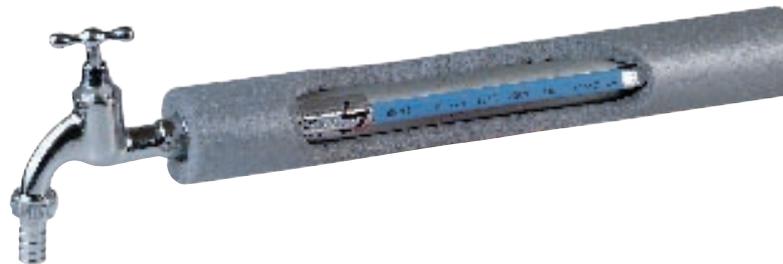


2. dev i Hotwatt - convenient, self regulated heating of hot water pipes

In domestic engineering, it is important that hot water is available quickly and reliably from every access point. However, these are often located some distance from the boiler, resulting in heat loss.

Adequate heat insulation is required to correct the loss. This often involves installation of an additional circulation system. Both are expensive to plan, install and maintain.

A simple alternative is to use Devi Hotwatt self-regulating heat tapes. Instead of expensive twinpipe systems, this is a cost effective single pipe system in which the heat tape is laid along the pipe beneath the insulation. To reach the required preset temperature, the heated pipes must be insulated according to the heating system.



Save assembly time..

New connection technology for all self regulating heat tapes with protective braiding is assembled in two simple steps...

1



3. deviflex - Frost protection for ramps and driveways

Ice or un-melted snow on vehicle and pedestrian access ramps, loading areas, paths or driveways is dangerous and can be costly. Mechanical clearing is time-consuming and inefficient and salt can cause structural damage.

Installing deviflex cables within the ground provides a maintenance free and economic solution. Cables are laid in evenly spaced loops and then encased in the ground.



Frost protection/ice and snow melting for paths, ramps and driveways



4. devi Iceguard - Frost protection for gutters

When gutters and downpipes become iced up, water cannot escape and icicles form, presenting a danger to passers-by and vehicles. If downpipes or gutters rupture, the building façade gets soaked, causing expensive frost damage to the rendering and brickwork.

This is simply avoided with the devi Iceguard heat tape. The welded inner insulation layer, also called a "bonded jacket", protects the sensitive heating element from the damp. Product features include a braided 1.3mm² wire, a heat output of 36 W/m in frozen water and a VDE mark of approval.



Thermostat controls

Various thermostat models are available for regulating pipe heat tapes: distributor box or wall-mounted electronic thermostats.

The new devireg 850 incorporates a moisture sensor, as well as a temperature sensor, to ensure it is switched on at the right time and only when necessary - further increasing your economy. It also uses digital sensors and software. Subsequent updates can be installed via an interface (e.g. multi sensor function, up to 4 sensors per device etc)



devireg™ 316



devireg™ 330



devireg™ 610



devireg 850 digital snow and ice sensor

This system makes it possible to create connectors and terminals for DEVI heat tape with protective braiding in under 90 seconds, removing the need for awkward tucking/fitting. This connection technology is both highly compact and available in a range of types, e.g. for T and X junctions.

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'Reducing installation time and cost!'

DEVI is the world's leading manufacturer within heating cable solutions and a member of the international Danfoss group.

Our extensive ISO 9001 compliant research, development and manufacturing units work to the highest UK and European standards to ensure the highest levels of product quality.



devimat



deviflex



devireg



devilink



devirail & deviclear
mist free mirrors



T: 0845 434 9488 F: 0845 434 9489 projects@devi.co.uk www.devi.co.uk

