

Gutter Frost Protection

- Protects guttering and eaves
- Prevents water ingress
- Stops damage to facades
- Fully automatic controls
- Avoids expensive repair work



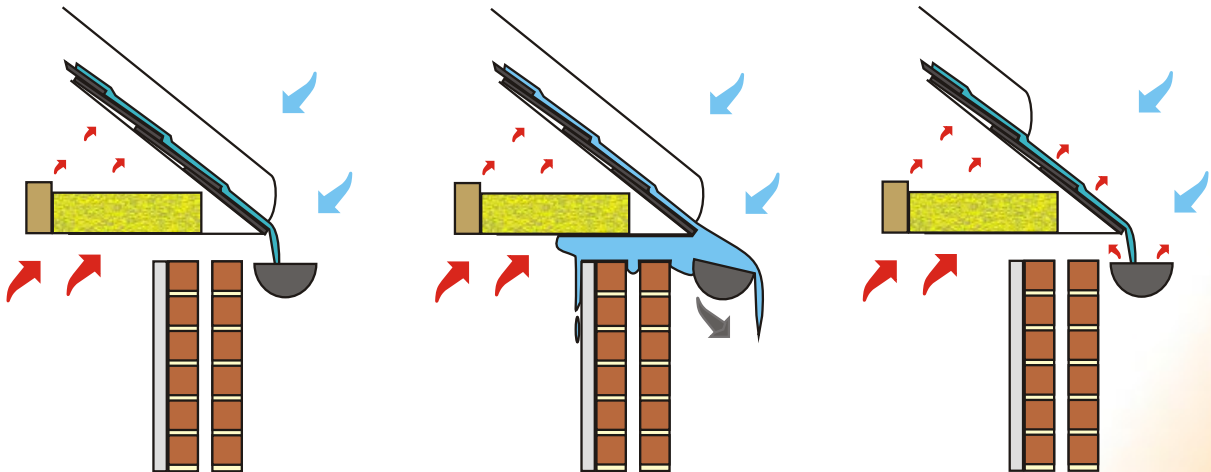
Without Flexel heating cable With Flexel heating cable

Prevent Damage from Frozen Roofs, Gutters and Drains

Heat from the sun and heat from the house cause the snow to melt and water runs into the gutters.

As the water reaches the gutter it re-freezes and forms ice that continues to expand.

With the protection of heating cables roof spaces and guttering remain free of ice therefore preventing damage.



Gutters can be forced away from fixings, ice forces its way into the eaves damaging the interior and water will run down the facades.

In addition large icicles can form that are potentially dangerous to people and vehicles.

Expensive structural damage such as broken roof tiles, damaged plaster and facades may occur once water has got into the roof and walls of the building.

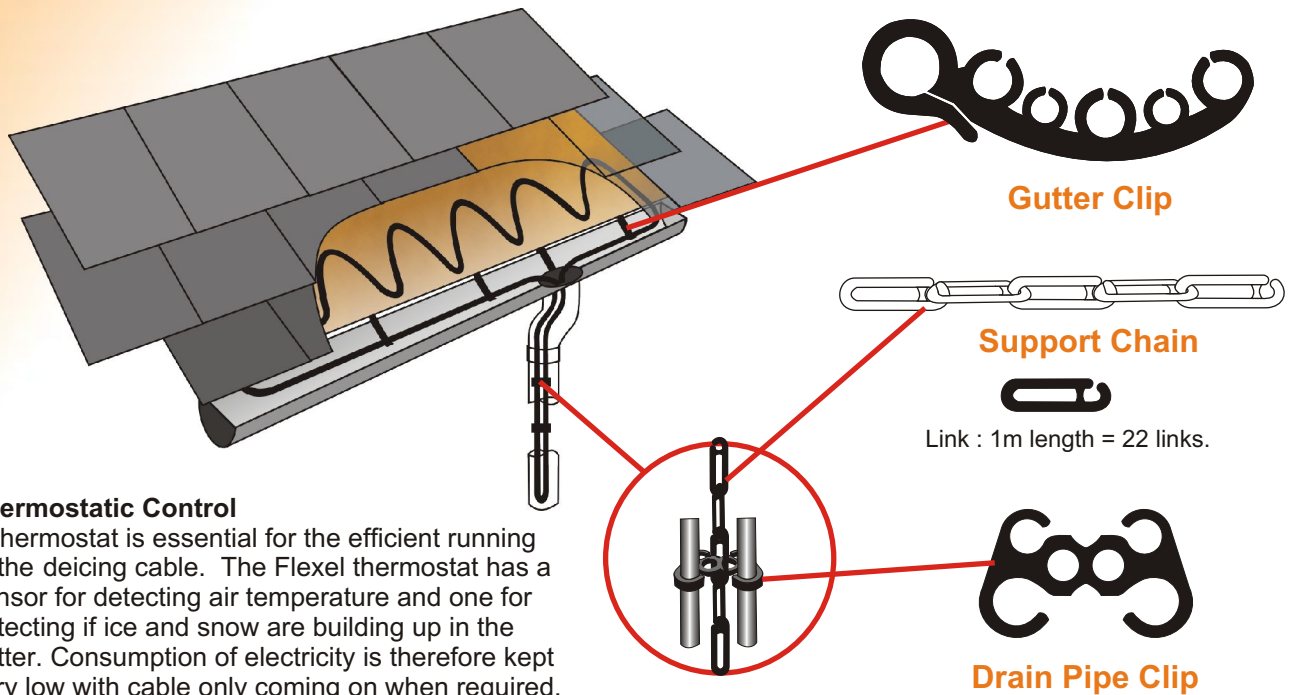


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Gutter Frost Protection

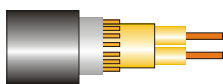
Component Clips and Support Chain



Thermostatic Control

A thermostat is essential for the efficient running of the deicing cable. The Flexel thermostat has a sensor for detecting air temperature and one for detecting if ice and snow are building up in the gutter. Consumption of electricity is therefore kept very low with cable only coming on when required.

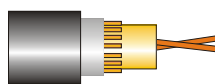
Heating Cable Technical Information



ADPS1P-UV

Maximum Power Load: 20 W /m
 Outer Cable Diameter: 5 - 5.9mm
 Permanent Heating Endurance
 -20°C up to +80°C
 UV Protected - IEC 800 article 1.5
 Resistance to Screen Penetration
 IEC 800 , article 1.7.3.3.

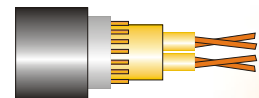
Full details available on request



MPSV

Maximum Power Load: 25 W /m
 Outer Cable Diameter: 4.8 - 5.6mm
 Permanent Heating Endurance
 -20°C up to +80°C
 UV Protected - IEC 800 article 1.5
 Resistance to Screen Penetration
 IEC 800 , article 1.7.3.3.

Full details available on request



MADPSP

Maximum Power Load: 30 W /m
 Outer Cable Diameter: 6.2 - 8.9mm
 Permanent Heating Endurance
 -30°C up to + 90°C
 UV Protected - IEC 800 article 1.5
 Resistance to Screen Penetration
 IEC 800 , article 1.7.3.3.

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