

# PW Pre-terminated Water Pipe Freeze Protection Cable

- Prevents water from freezing in metal and plastic pipes
- Avoids the cost and inconvenience of burst pipes
- Simple low cost product for quick installation.

## Typical Applications

- Ideal for use with condensing boilers
- Suitable for both domestic and commercial applications
- Widely used on mobile homes.

## Features

- Pre-terminated with 1.5m cold lead and UK 3-pin plug
- Built-in thermostat automatically energises the cable when pipe temperature falls below 3°C
- Profiled thermostat base ensures excellent heat transfer from pipe
- Fully moisture proof.



**PW Water Pipe Freeze Protection Cable a low price for peace of mind**

## Controlling PW Pipe Freeze Protection Cable

The PW's built-in thermostat means that no additional control device is required.

## Notes on Selection and Installation

- Assuming a minimum ambient temperature of -15°C and 20mm thick insulation a PW heating cable can be installed in a straight line along pipes up to 50mm diameter
- Always select the shortest suitable cable from the PW range
- Where the cable is longer than the pipe it is protecting, wind the cable in a gentle, evenly spaced helix
- Secure the cable to the pipe at 300mm intervals using PF-T tape
- The entire installation including the thermostat should be covered with a maximum of 20mm thick flame retardant insulation
- Ensure that the thermostat is positioned at the coldest end of the pipe
- Plastic pipes should be wrapped in AL50 aluminium tape before installing the cable
- When used with pipes that may be empty, the cable should be covered in a layer of AL50 aluminium tape before the insulation is applied. A typical example would be when used with a condensing boiler
- PW cables must not be exposed to temperatures in excess of 66°C
- PF-L warning labels should be applied to the outside of the insulation.



**PW-06 with built-in thermostat and UK plug**



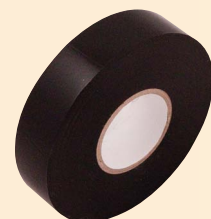
**PF-L Caution Labels applied to the exterior of the insulation**

## PW Pipe Freeze Protection Cable - Specifications

Model	Volts	Watts	Heated Length (m)	Weight (kg)
PW-01	230	12	1	0.4
PW-02	230	24	2	0.5
PW-03	230	36	3	0.6
PW-04	230	48	4	0.7
PW-06	230	72	6	0.8
PW-10	230	136	10	1.0
PW-14	230	152	14	1.2
PW-21	230	281	21	1.5
PW-30	230	337	30	2.2
PW-42	230	490	42	2.8
PF-L	Caution label pack of 10			
AL50	45m x 50mm aluminium tape			
PF-T	Flame Retardant Fixing Tape 33m x 19mm			



**AL50 Aluminium Tape for use with plastic pipes**



**PF-T Fixing Tape secures PW tape to pipe**