

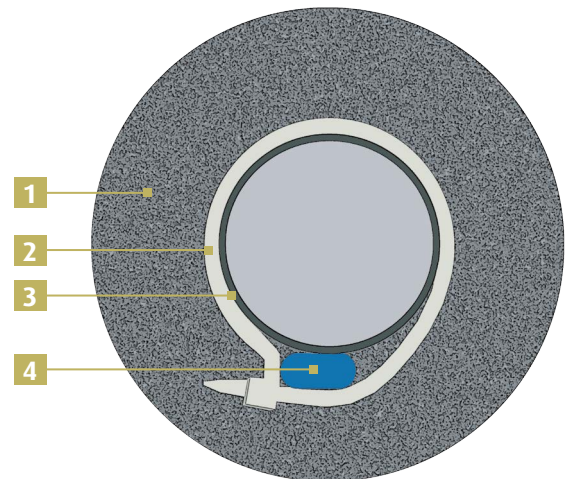
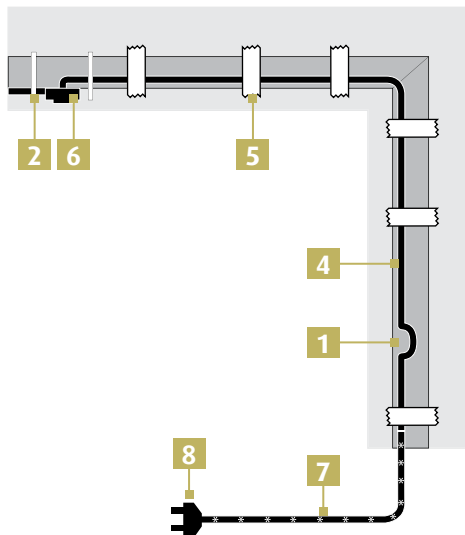
Warmup Frost Protection Cable

Overview

The Warmup Frost Protection Cable is designed to prevent pipes from cracking or bursting due to adverse weather conditions. It is suitable for heating plastic or metal pipes down to temperatures as cold as -20°C .

The thermistor ensures protection against frost as it will not activate the heating cable until the ambient temperature falls below $+5^{\circ}\text{C}$ and will switch off once temperatures exceed $+15^{\circ}\text{C}$. The relatively large switching band ensures the entire pipe warms up and supply to the heater will only be stopped when the temperature exceeds 15°C .

The cable is fitted to the underside of the pipe and secured using aluminium tape or plastic cable ties. Plastic pipes will have to be wrapped with aluminium foil before the cable is applied to improve heat spread. Fitting a 20mm layer of heat resistant foam insulation around the pipe is also recommended to improve performance.



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|---|---------------------|---|----------------|
| 1 | Insulation | 5 | Aluminium Tape |
| 2 | Cable Ties | 6 | Thermistor |
| 3 | Pipe | 7 | Coldtail |
| 4 | Frost Protect Cable | 8 | Plug |



Outdoor
Heating

Warmup Ireland
Web: www.warmup.ie
Email: ie@warmup.com
Telephone: 1 800 937 429

Warmup
The world's best-selling floor heating brand™

Features

- Thermistor accurately controls the cable temperature between +5° to +15°C. No need for an extra controller
- The cable is 100% Waterproof and protects down to temperatures as low as -20°C
- Installation is quick and easy with the cable being cable tied or secured using aluminium tape to either plastic or metal pipes
- Available in a variety of lengths from 1m - 60m

- 10 Year Warranty



Technical Specifications

TECHNICAL DATA - Frost Protection Cable	
OPERATING VOLTAGE	220 - 240v: 50Hz
IP RATING	IPX7
COLOUR	BLUE
THICKNESS	9mm
THERMISTOR REGULATION	+5 to +15°C
OUTPUT RATING	10W/m
CONNECTION	2m LONG "COLDTAIL" CONNECTION

FROST PROTECT CABLE				
PRODUCT CODE	LENGTH	POWER (W)	LOAD (A)	RESISTANCE (Ω)
WFPC10	1	10	0.04	5290
WFPC20	2	20	0.09	2645
WFPC30	3	30	0.13	1763
WFPC40	4	40	0.17	1323
WFPC50	5	50	0.22	1058
WFPC60	6	60	0.26	882
WFPC70	7	70	0.30	756
WFPC80	8	80	0.35	661
WFPC90	9	90	0.39	588
WFPC100	10	100	0.43	529
WFPC120	12	120	0.52	411
WFPC140	14	140	0.61	378
WFPC180	18	180	0.78	294
WFPC220	22	220	0.96	240
WFPC240	24	240	1.04	220
WFPC280	28	280	1.22	189
WFPC360	36	360	1.57	147
WFPC480	48	480	2.09	110
WFPC500	50	500	2.17	106
WFPC600	60	600	2.61	88