FrostGuard

Raychem

PRODUCT DESCRIPTION



Raychem FrostGuard is a pre-terminated, self regulating, frost protection cable for water pipes. The product includes a pre-assembled power cable and plug for quick and easy connection to the power supply.

The small geometry, yet robust, cable adjusts its power output dependent upon the pipe temperature. Therefore more heat is generated automatically when needed and less heat in warmer conditions, saving energy.

Subject to local norms and approvals, FrostGuard can be used for in-pipe applications.

ADVANTAGES

- **Product selection phase**
  - Available in 17 sizes to suit most application requirements.
  - Pre-assembled with a plug and cold lead to avoid the need for electrical connections.
  - Self regulating heater to deliver just the heat that is needed.
- **The installation phase**
  - The quickest and easiest installation possible. Simply plug and go!
  - Fix the cable to the pipe with GT-66 adhesive tape.
  - For in-pipe applications (where permitted) install using a Raychem approved pipe entry gland assembly.
- **The application**
  - Ideal for small diameter pipework.
  - An excellent solution for condensate pipework of condensing boilers.
  - The right choice for domestic and small commercial buildings.

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TECHNICAL DATA

Length cold lead power cable	2 m
Heating cable thickness	5.8 mm
Heating cable width	8.5 mm
Nominal power	10 W/m @ 5°C
Nominal power in the pipe	16 W/m (max. 60 m heating cable)
Voltage	230 Vac
Residual current device	max. 30 mA
Maximum exposure temperature	65°C
Minimum operating temperature	–30°C
Minimum switch-on temperature	5°C
Minimum installation temperature	–5°C
Heating cable	Self-regulating cable with protective braid and fluoropolymer jacket in compliance with IEC62395
Approvals	SEMKO*, VDE**, CE, KIWA (Swedish approval for in drinking water applications.)

* Sizes 2 to 25 m
** R-ETL-A Heating cable

RELATED RAYCHEM PRODUCTS

Product Reference	Part Number	Product Description
ETL-GLAND	1244-009278	Straight pipe entry gland with conical grommet
GL-Y-01-25mm	1244-011305	Y-coupling (25 mm) pipe entry kit for in-pipe applications
GL-Y-01-32mm	1244-011306	Y-coupling (32 mm) pipe entry kit for in-pipe applications
FrostGuard-ECO-CEE74	1244-013338	Electronical thermostat with sensor

PRODUCTS REFERENCES

Product Reference	Heater Length (m)	Power @5°C	Part Number	EAN Code
FrostGuard-2M	2	24 W	928206-000	7330957000307
FrostGuard-4M	4	48 W	524628-000	7330957000314
FrostGuard-6M	6	72 W	845612-000	7330957000321
FrostGuard-8M	8	96 W	493074-000	7330957000338
FrostGuard-10M	10	120 W	641438-000	7330957000345
FrostGuard-13M	13	156 W	108722-000	7330957000352
FrostGuard-16M	16	192 W	924248-000	7330957000369
FrostGuard-19M	19	228 W	468683-000	7330957000376
FrostGuard-22M	22	264 W	107442-000	7330957000383
FrostGuard-25M	25	300 W	768868-000	7330957000390
FrostGuard-30M	30	360 W	1244-022826	5414506024920
FrostGuard-35M	35	420 W	1244-022827	5414506024937
FrostGuard-40M	40	540 W	1244-022828	5414506024944
FrostGuard-50M	50	600 W	1244-022829	5414506024951
FrostGuard-60M	60	720 W	1244-022830	5414506024968
FrostGuard-80M	80	960 W	1244-022831	5414506024975
FrostGuard-100M	100	1200 W	1244-022832	5414506024982

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