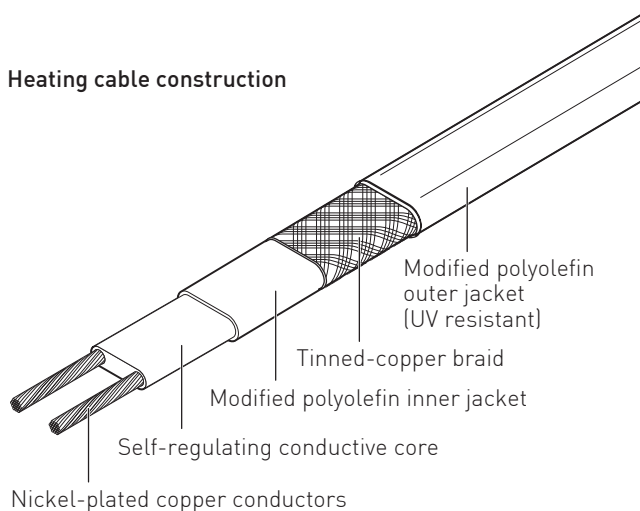


Raychem FROSTOP BLACK

SELF-REGULATING HEATING CABLES FOR PIPE FROST PROTECTION,
ROOF & GUTTER SNOW MELTING AND DE-ICING

Heating cable construction



PRODUCT DESCRIPTION

Raychem Frostop Black heating cable provide pipe frost protection as well as roof and gutter snow melting and de-icing for following applications:

- Roofs comprising standard roofing materials, including slate, shingle, tar, wood, metal, and plastic.
- Gutters of standard materials, including metal, plastic, and wood.
- Drainpipes and other regular water or waste water pipes of standard materials, including metal and plastic.

The heating element of a Frostop Black consists of a continuous core conductive polymer extruded between two copper conductors. As current flows through the core, the heating cable regulates its heat output in accordance with ambient conditions. The self-regulating feature eliminates hot spots and results in better temperature control to protect plastic and metal pipes, roof and gutter materials.

ADVANTAGES

Low installed cost

The Frostop Black heating cable's parallel circuitry allows it to be cut to the exact length. Such characteristics simplify and streamline the design of both pipes frost protection and roof and gutter snow melting system.

Installation is quick and simple. Features that make the heating system easy to install in new build projects, or as part of ongoing during building renovation.

FROSTOP BLACK

TECHNICAL DATA

Product description and order reference	FROSTOP BLACK (PCN 559303-000)
Power Output (nominal)	18 W/m @ 5°C on metal pipe 28 W/m @ 0°C in ice water
Supply Voltage	230 Vac
Max circuit length	80 m
Minimum installation temperature	-18°C
Maximum exposure temperature	65°C cont. power on (85°C intermittent)
Product dimensions	10,5 mm x 5,5 mm
Conductors	1,2 mm ² nickel-plated copper
Braid/Outer Jacket	Tinned-copper braid with modified polyolefin outer jacket
Weight	~130 g/m
Minimum Bending Radius	13 mm
Connection Kits	Raychem heat shrink connection kits must be used.

APPROVALS



Raychem Frostop Black heating cables are CE approved and SEMKO Certified, and approved only when used with Raychem connection kits and accessories.

PRODUCT REFERENCES

	Voltage	Max. circuit length				
Circuit breaker size		6 A	10 A	13 A	16 A	20 A
FROSTOP BLACK	230 V	30 m	50 m	65 m	80 m	-

Maximum circuit length calculated based on minimum start-up temperature @ 0°C, 230 VAC.



WWW.PENTAIRTHERMAL.COM

EUROPE, MIDDLE EAST, AFRICA

Tel: +32 16 213 511
Fax: +32 16 213 603

All Pentair trademarks and logos are owned by Pentair. All other brand or product names are trademarks or registered marks of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

© 2017 Pentair. All Rights Reserved.