



# HTR EX

## Self-limiting heating cable

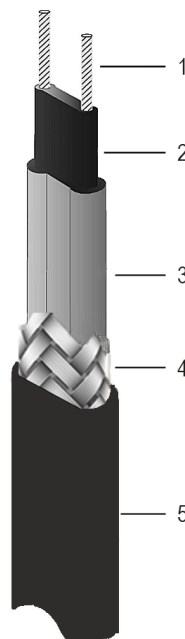
A self-regulating heating cable designed to provide effective frost protection for pipes.

The cable's self-regulating matrix automatically reduces the output as the temperature rises and increases it again when the temperature drops.

The cable can be installed on the outside of pipes for traditional frost protection, but also inside drainpipes and similar applications. When installing the cable on the outside of plastic pipes, aluminium tape should first be applied along the entire length of the pipe. This ensures proper heat distribution.

It is recommended that the cable is controlled by a thermostat with a sensor mounted beneath the insulation.

Supplied on a drum containing up to 250 metres of cable.



### TECHNICAL DATA



Nominal power	11 • 17 • 25 W/m @ 10 °C
Supply voltage	230 V
Cable dimensions	12,0 mm x 5,6 mm (+/-0,5 mm)
Conductor insulation	Polyolefin
Conductor dimension	2 x 1,25 mm <sup>2</sup> , tinned
Earthing	Braided screen, tinned copper
Heating cable, outer sheath	Polyolefin or Fluoropolymer
Colour	Black, RAL 9005 matte
Permissible cable temperature	Max. 65 °C (85 °C unpowered)
Min. bending radius	30 mm, over wide surface
Warranty	5 years
Minimum installation temperature	-40 °C
Approval	CE • UKCA • IECEx • ATEX • CSA • UL
ATEX temperaturklasse	T5
Tolerance power @ 10° C	-10 %...+20 %

### CONSTRUCTION

1	Conductor
2	Regulating matrix
3	Conductor insulation
4	Braided screen
5	Outer sheath

### APPLICATIONS

On pipe	✓
In pipe*	✓

\*17 HTR

### ACCESSORIES

Aluminium tape
Thermostat
ATEX end connection
ATEX junction box

Version 2-092025

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# PRODUCT OVERVIEW

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WARRANTY

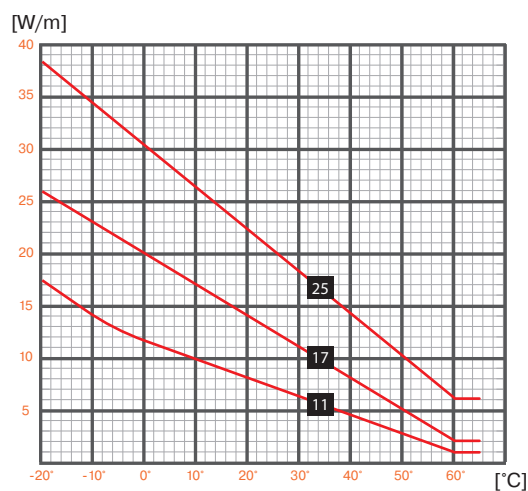


## HTR EX

DESCRIPTION	ITEM NO.	POWER @ 10°C	MAX. LENGTH @ -10°C
11 HTR, self-limiting heating cable, polyolefin	40050111	11 W/m	200m
17 HTR, self-limiting heating cable, fluoropolymer	40050217	17 W/m	162m
25 HTR, self-limiting heating cable, polyolefin	40050125	25 W/m	120m

MAX. LENGTH* @ -10°C start temp.	11 HTR	17 HTR		25 HTR
Fuse size (Type C)	ON PIPE	ON PIPE	IN PIPE	ON PIPE
16A	165m	133m	93m	85m
20A	200m	152m	106m	95m
25A	200m	162m	113m	120m
32A	200m	162m	113m	120m

\*The colder the start temperature, the bigger the start current.  
Start current is 2-2,5 times the nominal current.



## ACCESSORIES



Item: 40059002



Item: 40059005



Item: 40059004



Item: 40059001



Item: 40059009