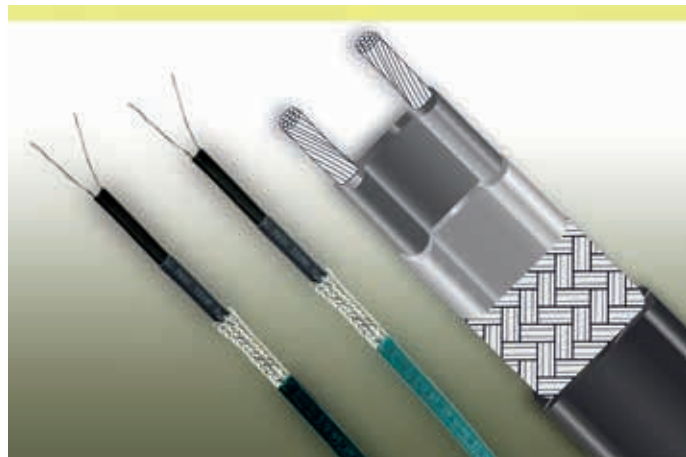


## Self regulate heating tape series HM-BM

frost protection and hold process temperatures



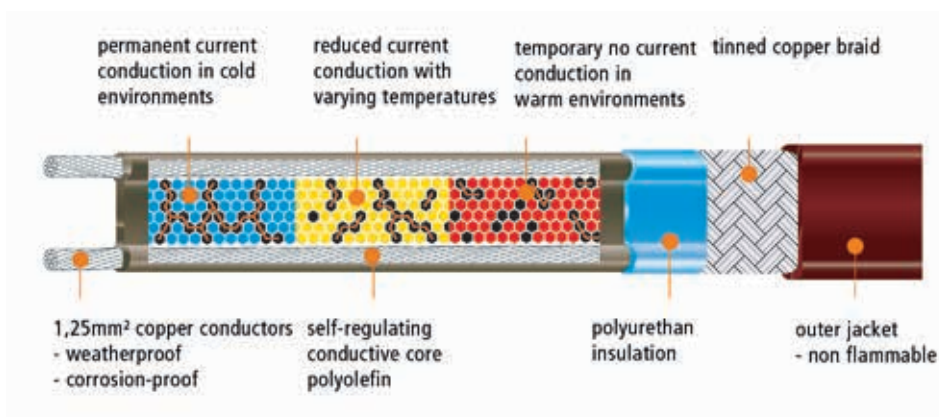
### Features:

- constant power per meter
- no risk of overheat
- processing of the role
- cut any size
- easy self assembling

### Construction:

Base construction of a self limited heating band are two copper conductors. Between this copper conductors are the electrical resistant core. Characteristic is, that with less environment temperature a given heating power develops.

With raising temperature this heating power will fall down. With this construction the self limited heating band hold the desired temperature. Inner insulation is enclose from tinned copper braid. This braid is also safety earth. Additional outside was a protection layer in polyolefin or fluoropolymer.



## Technical data

type		5-B	10-B	20-B	30-H	45-H
supply voltage	V	230	230	230	230	230
power at 10°C	W / m	13	22	31	34	47
working temperature (continuous duty)	°C	55	65	65	110	110
insulation-resistance	MΩ	> 10	> 10	> 10	> 10	> 10
maximum length	m	170	150	110	120	100
overcurrent start-up temp. 10°C	A / m	0,10	0,14	0,21	0,35	0,40
overcurrent start-up temp. -10°C	A / m	0,14	0,21	0,27	0,39	0,43
overcurrent start-up temp. -20°C	A / m	0,17	0,24	0,29	0,41	0,45
min. bedding radius	mm	> 30	> 30	> 30	> 30	> 30
dimension	mm	13 x 6	13 x 6	13 x 6	13 x 6	13 x 6

## Oder data

type	power W/m at 10°C	outer surface	order no.
5-BMX	13	polyolefin	19300013
10-BMX	22	polyolefin	19300022
20-BMX	31	polyolefin	19300031
20-BMF	31	fluorpolymer	19400022
30-HMF	34	fluorpolymer	19500034
45-HMF	47	fluorpolymer	19500047

Other self limited heating bands with higher power and temperature upon request.

## Accessories

connection kit	series HM-BM-A1	order no. 19000001
heating tape connector	series HM-BM-V1	order no. 19000002

## Application examples



Frost protection of oil pipes



Heating of gutters and roofs



Frost protection of oil pipes

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