SELF REGULATING HEATING CABLE REGULAR - TYPE HGR 65°C

HGR is a parallel self-regulating heating cable used for freeze protection and temperature maintenance of pipes, valves, flanges and tanks. Self-regulating heating cables increase or decrease the heat output depending on the change of ambient temperature. Because of this a thermostat is not always necessary, the heating cable will never over heat.

OPTIONS

HGR C

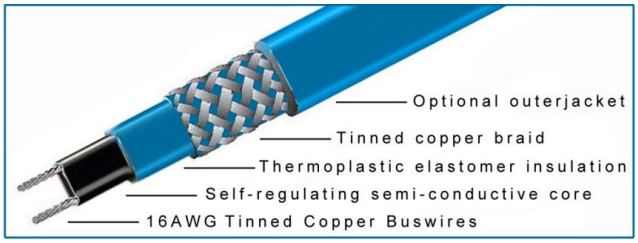
Tinned copper braids provide additional mechanical protection and a positive ground path

HGR CR

Flame retardant thermoplastic outer jacket protects against certain inorganic chemical solutions. It also protects against abrasion and impact damage

HGR CT

High temperature fluoropolymer outer jacket are used for exposure to organic or corrosive solutions or vapor may be present



TECHNICAL DATA

- Power supply: 208-277V
- Maximum continuous exposure temperature (power on): 65°C
- Maximum intermittent exposure temperature, 1000 hours (power on or off): 85°C
- Minimum installation temperature: -40°C
- Protective braid resistance: <18.2 Ω/km
- Bus wire gauge: 16 AWG

APPROVALS

- UL, CSA, ETL, IECEx, ATEX, EAC, CE

FEATURES

- Energy efficient, automatically varies its power output in response to pipe temperature changes
- Easy to install, can be cut to any length (up to max circuit length)
- Lower installation costs than steam tracing. Less maintenance costs and downtime
- No overheating or burnout even when overlapped
- Suitable for use in hazardous, non hazardous and corrosive environments

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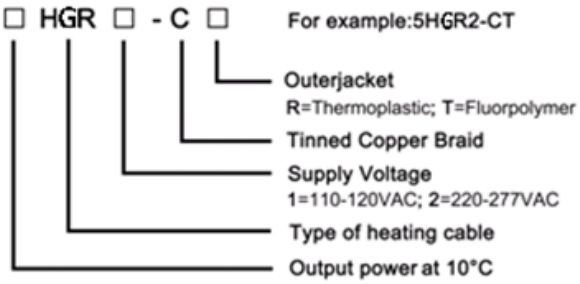
WEIGHT AND DIMENSION

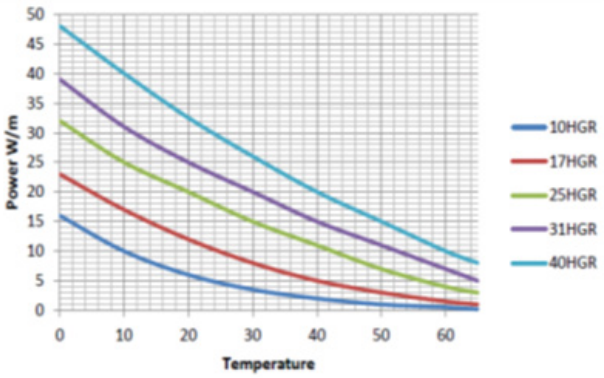
Type	Dimension	Minimum bending radius	Weight (kg/100m)
HGR C	11,0x4,4mm	26mm	9,2
HGR CR	12,6x6,0mm	36mm	12,0
HGR CT	12,0x5,4mm	32mm	11,2

PRODUCT ORDERING INFORMATION



POWER OUTPUT CURVES

Nominal power output at 230V when HGR installed on insulated metal pipes.



MAXIMUM LENGHT (M) VS CIRCUIT BREAKER SIZE

Minimum start-up temperature	CB size Amps	10HGR 230V m	17HGR 230V m	25HGR 230V m	31HGR 230V m	40HGR 230V m
10°C	10	165	99	69	41	33
	16	200	158	110	65	57
	25	200	160	125	105	88
0°C	10	144	90	61	37	30
	16	200	155	100	60	52
	25	200	160	125	100	83
-10°C	10	106	78	51	31	25
	16	170	125	82	50	40
	25	200	160	120	92	76
-20°C	10	94	66	44	28	22
	16	150	105	70	45	35
	25	200	160	110	70	60

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