



SELF REGULATING HEATING CABLE PROCESS - TYPE HGP 110°C

HGP 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

HGP C

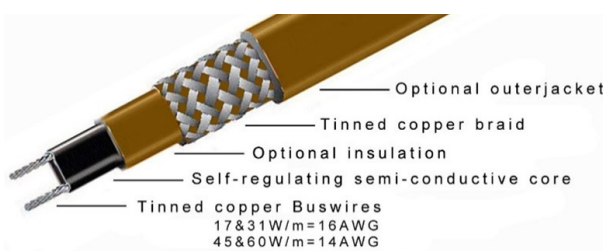
Tinned copper braids provide additional mechanical protection and a positive ground path

HGP CR

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

HGP 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): 110°C
- Maximum intermittent exposure temperature, 1000 hours (power on or off): 135°C
- Minimum installation temperature: -30°C
- Protective braid resistance: <18.2 Ω/km
- Bus wire gauge: 16 AWG

APPROVALS

- IECEx, ATEX, EAC, CE

FEATURES

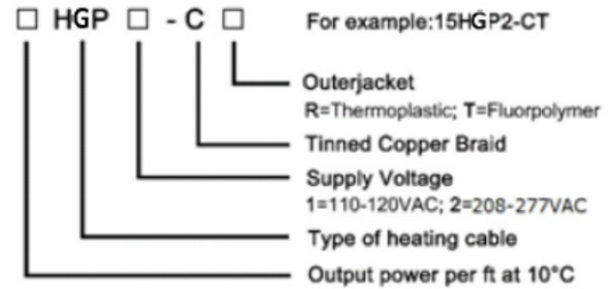
- Energy efficient, automatically varies its power output in response to pipe temperature changes
- Easy to install, can be cut to any length (up to max circuit length)
- Lower installation costs than steam tracing. Less maintenance costs and downtime
- No overheating or burnout even when overlapped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



WEIGHT AND DIMENSION

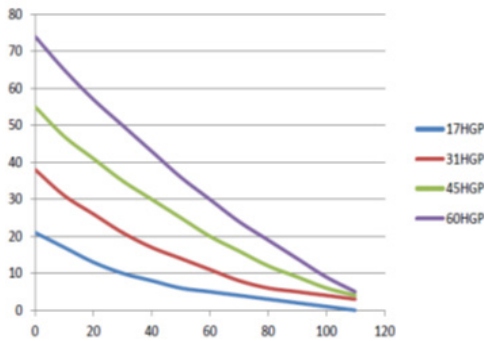
| Type | Dimension | Minimum bending radius | Weight (kg/100m) |
|--------|------------|------------------------|------------------|
| HGP C | 11,4x3,8mm | 26mm | 9,5 |
| HGP CR | 13,6x6,0mm | 36mm | 11,0 |
| HGP CT | 12,4x4,8mm | 32mm | 13,9 |

PRODUCT ORDERING INFORMATION



POWER OUTPUT CURVES

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



MAXIMUM LENGTH (M) VS CIRCUIT BREAKER SIZE

| Minimum start-up temperature | CB size Amps | 17HGP | 31HGP | 45HGP | 60HGP |
|------------------------------|--------------|--------|--------|--------|--------|
| | | 230V m | 230V m | 230V m | 230V m |
| 10°C | 10 | 75 | 50 | 39 | 29 |
| | 16 | 120 | 80 | 63 | 47 |
| | 25 | 130 | 115 | 100 | 95 |
| 0°C | 10 | 73 | 48 | 39 | 29 |
| | 16 | 117 | 77 | 63 | 47 |
| | 25 | 130 | 115 | 100 | 95 |
| -10°C | 10 | 71 | 45 | 39 | 29 |
| | 16 | 114 | 72 | 63 | 47 |
| | 25 | 130 | 115 | 100 | 87 |
| -20°C | 10 | 69 | 41 | 39 | 29 |
| | 16 | 110 | 65 | 63 | 47 |
| | 25 | 130 | 115 | 100 | 75 |