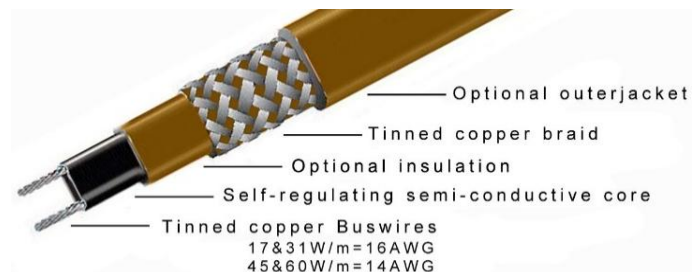


Technical specifications

<u>Power supply</u>	208-277V
<u>Maximum continuous exposure temperature (power on)</u>	110°C
<u>Maximum intermittent exposure temperature, 1000 hours (power on or off)</u>	135°C
<u>Minimum installation temperature</u>	-30°C
<u>Protective braid resistance</u>	< 18.2Ω/km
<u>Bus wire gauge</u>	16AWG
<u>Approvals</u>	IECEX / ATEX / EAC / CE



Options

- HGP...C** Tinned copper braid provide additional mechanical protection and a positive ground path
- HGP...CR** Flame retardant thermoplastic outer jacket protect against certain inorganic chemical solutions. It also protect 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.

Description

HGP is a parallel self-limiting heating cable used for freeze protection and temperature maintenance of pipes, valves, flanges and tanks. Self-limiting 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. Heating Group International can provide all the calculations and engineering, the heating cables, accessories as termination kits and all the control equipment.

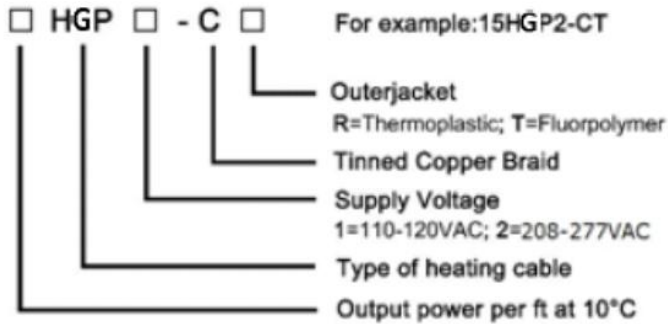
Features

- 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 overheat or burnout even when overlapped.
- Suitable for use in hazardous, non hazardous and corrosive environments.

Weight and dimensions

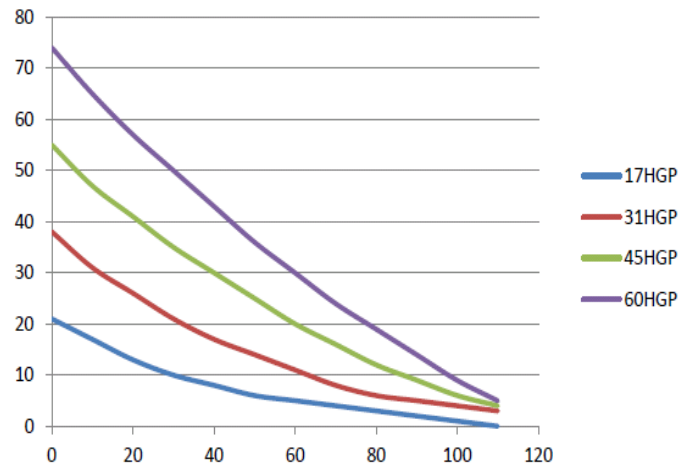
Type	Dimension	Min. Bending radius	Weight (kg/100m)
HGP...C	11,4x3,8mm	26mm	9,5
HGP...CR	13,6x6,0mm	36mm	11,0
HGP...CT	12,4x4,8mm	32mm	13,9

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
-20°C	10	69	41	39	29
	16	110	65	63	47
	25	130	115	100	75
-40°C	10	53	41	31	25
	16	61	47	36	33
	25	110	95	70	50