SELF REGULATING HEATING CABLE SUPER - TYPE HGS 120°C

HGS 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.

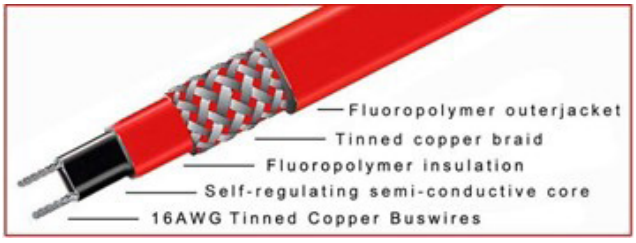
OPTIONS

HGS C

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

HGS 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): 120°C
- Maximum intermittent exposure temperature, 1000 hours (power on or off): 200°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

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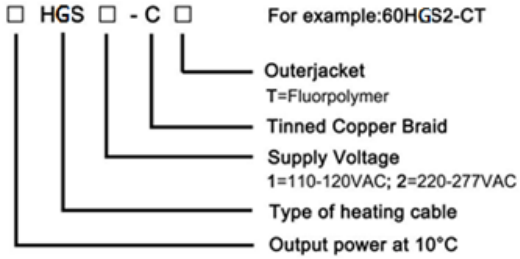
WEIGHT AND DIMENSION

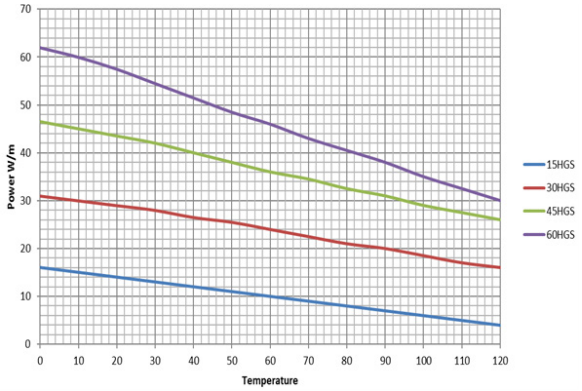
Type	Dimension	Minimum bending radius	Weight (kg/100m)
HGS C	9,2x3,6mm	21mm	11,2
HGS CT	10,2x4,6mm	27mm	14,2

PRODUCT ORDERING INFORMATION



POWER OUTPUT CURVES

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



MAXIMUM LENGHT (M) VS CIRCUIT BREAKER SIZE

Minimum start-up temperature	CB size Amps	15HGS 230V m	30HGS 230V m	45HGS 230V m	60HGS 230V m
10°C	10	94	56	38	28
	16	150	90	60	45
	25	220	150	´125	90
0°C	10	88	54	37	27
	16	140	87	59	44
	25	220	150	119	87
-10°C	10	82	52	36	26
	16	130	84	57	42
	25	220	150	112	84
-20°C	10	75	50	34	36
	16	120	80	55	40
	25	220	150	85	80

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