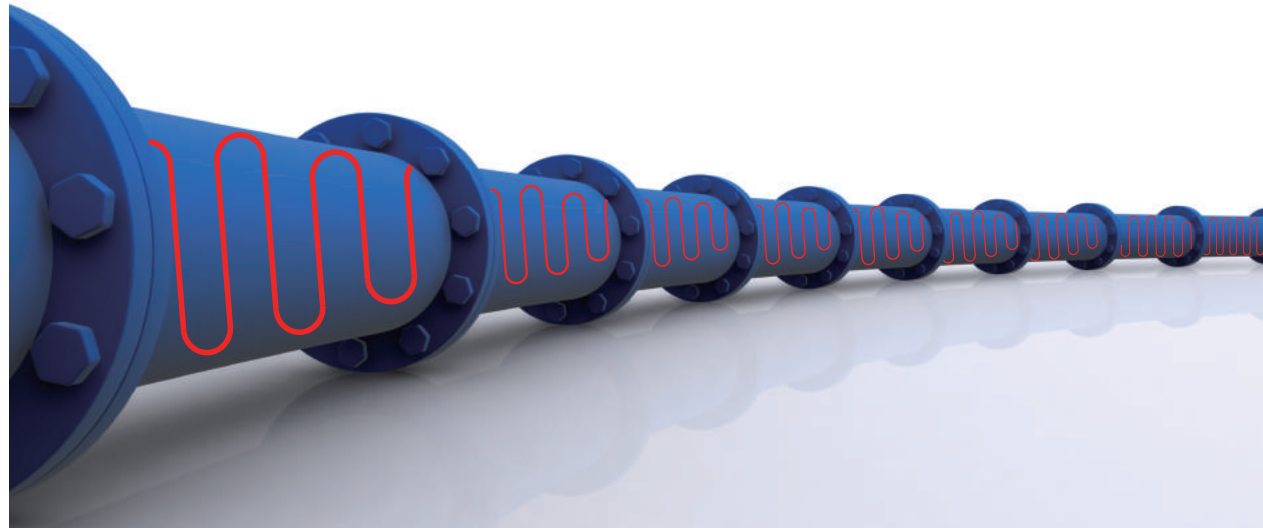


Approvals



FSPC 5W

FSPC Series Self-regulating Heating Cable

General Information

These heating cables provide pipes, roofs, and gutter systems protection from damage due to freezing, and can be used in residential and commercial applications. The cables automatically adjust heat output according to the ambient temperature conditions. Under cooler conditions the heat output increases, and as the temperature rises the output decreases to save on energy. The cables are available in various pre-assembled lengths.



FSPC Series Specification

FSPC1 Series self-regulating heating cable

120V CABLE SELECTION CHART						
Model	Length	Voltage	Cold lead with plug	Power output on pipe	Power output on pipe @50 F (10 C)	Power output in ice & snow @32 F (0 C)
FSPC1-6	6 ft	110-120V	18AWG	36Watts	30Watts	60Watts
FSPC1-12	12	110-120	18	72	60	120
FSPC1-18	18	110-120	18	108	90	180
FSPC1-24	24	110-120	18	144	120	240
FSPC1-37	37.5	110-120	18	225	187.5	375
FSPC1-50	50	110-120	16	300	250	500
FSPC1-62	62.5	110-120	16	375	312.5	625
FSPC1-75	75	110-120	16	450	375	750
FSPC1-87	87.5	110-120	16	525	437.5	875
FSPC1-100	100	110-120	16	600	500	1000
FSPC1-112	112.5	110-120	14	675	562.5	1000
FSPC1-125	125	110-120	14	750	625	1250
FSPC1-137	137.5	110-120	14	825	687.5	1375
FSPC1-150	150	110-120	14	900	750	1500
FSPC1-162	162.5	110-120	14	975	812.5	1625
FSPC1-175	175	110-120	14	1050	875	1750

FSPC2 Series self-regulating heating cable

240V CABLE SELECTION CHART						
Model	Length	Voltage	Cold lead with plug	Power output on pipe	Power output on pipe @50 F (10 C)	Power output in ice & snow @32 F (0 C)
FSPC2-6	6 ft	208-277V	18AWG	36Watts	30Watts	60Watts
FSPC2-12	12	208-277	18	72	60	120
FSPC2-18	18	208-277	18	108	90	180
FSPC2-24	24	208-277	18	144	120	240
FSPC2-37	37.5	208-277	18	225	187.5	375
FSPC2-50	50	208-277	18	300	250	500
FSPC2-62	62.5	208-277	18	375	312.5	625
FSPC2-75	75	208-277	18	450	375	750
FSPC2-87	87.5	208-277	18	525	437.5	875
FSPC2-100	100	208-277	16	600	500	1000
FSPC2-112	112.5	208-277	16	675	562.5	1000
FSPC2-125	125	208-277	16	750	625	1250
FSPC2-137	137.5	208-277	16	825	687.5	1375
FSPC2-150	150	208-277	16	900	750	1500
FSPC2-162	162.5	208-277	16	975	812.5	1625
FSPC2-175	175	208-277	16	1050	875	1750
FSPC2-200	200	208-277	16	1200	1000	2000
FSPC2-225	225	208-277	14	1350	1125	2250
FSPC2-250	250	208-277	14	1500	1250	2500

General specifications for all FSPC series products

Normal cable width (in/mm)	0.42 (10.6)
Normal cable thickness (in/mm)	0.23 (5.8)
Cable bus wire gauge (AWG)	16
Cold lead length (in/mm)	35 (900)
Min. Circuit breaker size (Amps)	15
Max. Exposure Temperature	185 F (85 C)
Electrical classification	Nonhazardous & hazardous
Exposure to ch	Aqueous inorganic

FSPC 8W

FSPC1 Series self-regulating heating cable

120V CABLE SELECTION CHART					
Model	Length	Voltage	Power output on pipe @40 F (5 C)	Power output on pipe @50 F (10 C)	Power output in ice & snow @32 F (0 C)
FSPC81-6	6ft	110-120V	54Watts	48Watts	72Watts
FSPC81-12	12	110-120	108	96	144
FSPC81-18	18	110-120	162	144	216
FSPC81-24	24	110-120	216	192	288
FSPC81-50	50	110-120	450	400	600
FSPC81-75	75	110-120	675	600	900
FSPC81-100	100	110-120	900	800	1200

FSPC1 Series self-regulating heating cable

240V CABLE SELECTION CHART					
Model	Length	Voltage	Power output on pipe @40 F (5 C)	Power output on pipe @50 F (10 C)	Power output in ice & snow @32 F (0 C)
FSPC82-6	6 ft	208-277V	54Watts	48Watts	72Watts
FSPC82-12	12	208-277	108	96	144
FSPC82-18	18	208-277	162	144	216
FSPC82-24	24	208-277	216	192	288
FSPC82-50	50	208-277	450	400	600
FSPC82-75	75	208-277	675	600	900
FSPC82-100	100	208-277	900	800	1200

General specifications for all FSPC series products

Normal cable width (in/mm)	0.42 (10.6)
Normal cable thickness (in/mm)	0.23 (5.8)
Cable bus wire gauge (AWG)	16
Cold lead length (in/mm)	35 (900)
Min. Circuit breaker size (Amps)	15
Max. Exposure Temperature	185 F (85 C)
Electrical classification	Nonhazardous & hazardous
Exposure to ch	Aqueous inorganic

FSPC 10W

FSPC101 Series self-regulating heating cable

120V CABLE SELECTION CHART				
Model	Length	Voltage	Power output on pipe @50 °F (10 °C)	Power output in ice & snow @32 °F (0 °C)
FSPC101-6	6ft	110-120V	60Watts	96Watts
FSPC101-XX XX=Cable Length	any length from 6ft(min length) to 100ft(max length)	110-120	10*Cable Length	16*Cable Length
FSPC101-100	100ft	110-120	800	1600

FSPC102 Series self-regulating heating cable

240V CABLE SELECTION CHART				
Model	Length	Voltage	Power output on pipe @50 °F (10 °C)	Power output in ice & snow @32 °F (0 °C)
FSPC102-6	6ft	208-277V	60Watts	96Watts
FSPC102-XX XX=Cable Length	any length from 6ft(min length) to 150ft(max length)	208-277	10*Cable Length	16*Cable Length
FSPC102-150	100ft	208-277	1500	2400

General specifications for all FSPC series products

Normal cable width (in/mm)	0.50 (12.6)
Normal cable thickness (in/mm)	0.24 (6.0)
Cable bus wire gauge (AWG)	16
Cold lead length (in/mm)	35 (900)
Min. Circuit breaker size (Amps)	15
Max. Exposure Temperature	185 °F (85 °C)
Electrical classification	Nonhazardous & hazardous

Approvals



Sales • Engineering
"Heat and Control Specialists"



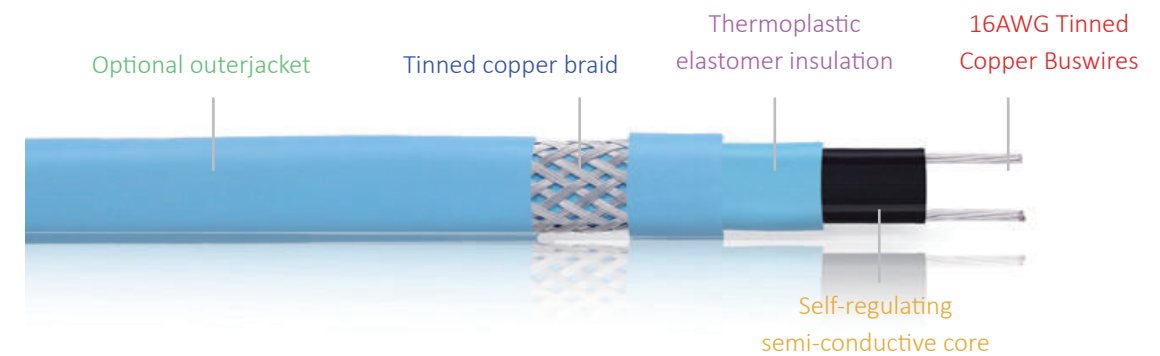
GORDO SALES, INC.

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HTR

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) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Suitable for use in non-hazardous, hazardous and corrosive environments.
- Jiahong power connection, splice, tee and end seal kit will reduce installation time.



Description

HTR increases or decreases the heat output in a self-regulating way depending on the change of the ambient temperature, so a thermostat may not be necessary in some applications and it will never overheat or burnout even when wrapped over itself (overlapped). With optional outer-jacket, the heating cable is resistant to watery and inorganic chemicals and protects against abrasion and impact damage. HTR is suitable for use in explosion-hazardous areas up to a maximally admissible work-piece temperature of 150 °F (65 °C). Jiahong provides termination, power connection, splice, tee and end seal kit will reduce installation time and require no special skills or tools.

Options

- HTR...C** Tinned copper braid provides additional mechanical protection and a positive ground path.
- HTR...CR** Flame retardant thermoplastic outer jacket protects against certain inorganic chemical solutions, it also protects against abrasion and impact damage.
- HTR...CT** High-Temperature Fluoropolymer outer jacket is used for exposure to organic or corrosive solutions or vapors may be present.