

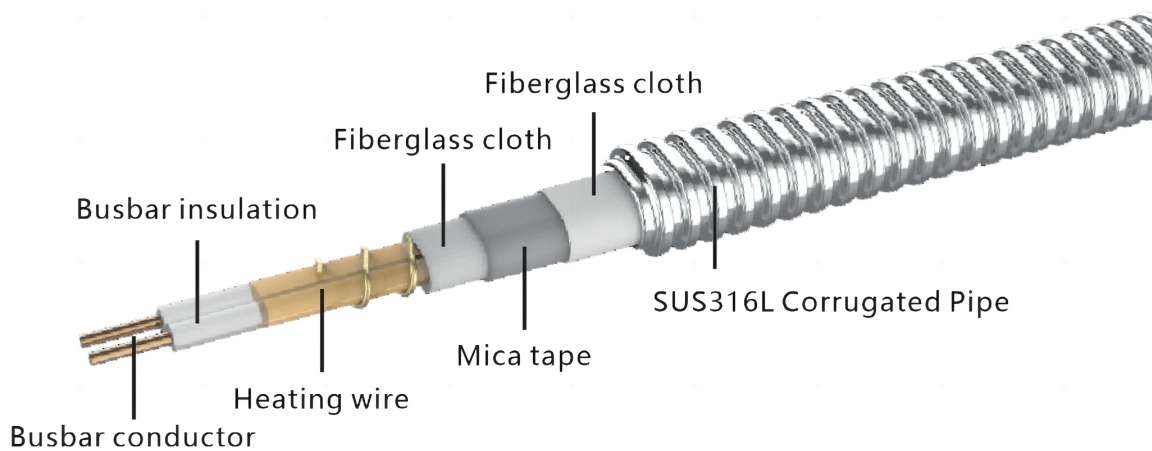


## BWG Parallel Constant Power Heating Cable

### Product Application:

The BWG series armored parallel constant power heating cable, known for its high temperature tolerance and stable output power, is primarily used in industrial pipelines and related equipment that require heating at high exposure temperatures. This product can withstand operating conditions up to 450°C, including steam purging, during power outages. When energized, it provides a stable output power of up to 100W/m, with a maximum maintainable temperature reaching 380°C.

### Product Structure:



The main heating element inside the BWG parallel constant power heating cable is the heating conductor wound around two parallel busbars. The heating conductors are connected at fixed heating segment lengths to the two parallel busbars, ensuring consistent heating power for each segment and creating a constant power heating effect. The busbars themselves, the space between the busbars, and the exterior of the heating conductors are all treated with inorganic insulation layers or composite layers for insulation. The external armored corrugated pipe sheath serves as protection, forming a complete product structure.

### Product Features:

Can be used in certified explosion-proof areas as well as safe zones.

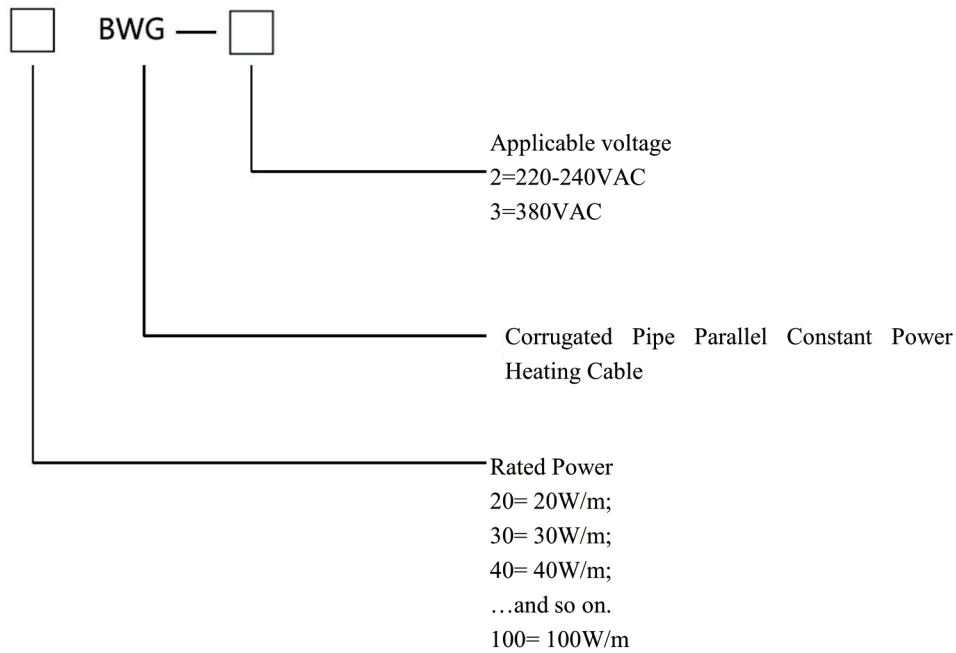
Comes with a complete set of matching accessories, ensuring a longer service life through standardized power connections and end terminations.

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### Technical Specifications:

Rated voltage:	220V-380V
Maximum exposure temperature:	+450°C(842°F)
Minimum installation temperature:	-60°C(-76°F)
Minimum Bending Radius:	25 mm
Rated Output Power:	20W/m-100W/m
Dimensions:	15.5 mm(W)×12.3 mm(T)
Maximum holding temperature:	380°C



Model	Voltage: 220V Output power (W/m)	Maximum Usable Length (m)15A	Maximum Usable Length (m)20A	Maximum Usable Length (m)30A	Maximum Maintainable Temperature (°C)	Maximum Exposure Temperature (°C)
20BWG2	20	140	190	220	380	450
40BWG2	40	70	90	140	340	450
60BWG2	60	45	65	95	300	450
80BWG2	80	35	45	70	270	450
100BWG2	100	28	38	58	230	450

Model	Voltage: 3800V Output power (W/m)	Maximum Usable Length (m)15A	Maximum Usable Length (m)20A	Maximum Usable Length (m)30A	Maximum Maintainable Temperature (°C)	Maximum Exposure Temperature (°C)
20BWG3	20	200	220	240	380	450
40BWG3	40	125	165	200	340	450
60BWG3	60	85	110	165	300	450
80BWG3	80	60	80	125	270	450
100BWG3	100	45	65	100	230	450

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