

Compared with ordinary medium temperature heating cables, **Medium temperature fluoroplastic sheath, anti-corrosion and explosion-proof reinforced self-limiting temperature electric heating cable** has the function of explosion-proof because of the addition of alloy wire braiding, and because the sheath is fluorine plastic, it has the function of anti-corrosion. [self-limiting temperature electric heating cable](#) is widely used in petroleum, chemical industry, machinery, aviation, aerospace, military industry, electric power, food (preservation equipment, biological fermentation), shipbuilding, construction (geothermal) and other fields.



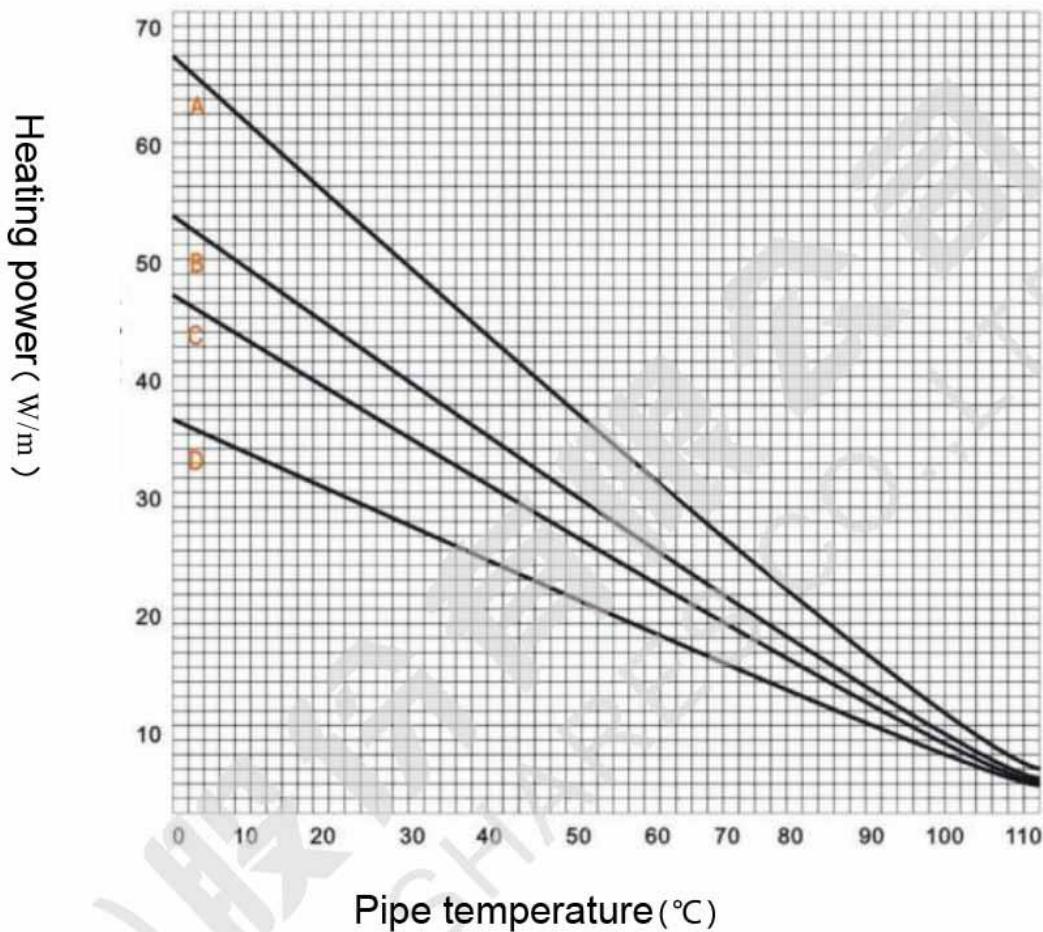
#### **Medium temperature fluoroplastic sheath heating cable structure**

1. Copper core wire:  $7 \times 0.50$ ;  $7 \times 0.32$ ;  $19 \times 0.41$ ;
2. Conductive plastic layer: ordinary PTC; flame-retardant PTC; fluorine-containing PTC;
3. Insulation layer: modified polyolefin; flame-retardant polyolefin; fluorinated polyolefin; perfluorinated material;
4. Shielding layer: tinned soft round copper wire (covering density 80%);
5. Sheath layer: perfluorinated material;

#### **Medium temperature fluoroplastic sheath heating cable Use advantage**

1. The electric heating device is simple, heats evenly, and controls the temperature accurately.
2. Save water resources, unlike boilers that require a lot of water every day.
3. The heat preservation plan of the heating cable can carry out intelligent remote control and realize automatic management.
4. High efficiency, which can greatly reduce energy consumption.
5. Whether it is a one-time investment or annual operating costs, it is relatively economical.

#### **Medium temperature fluoroplastic sheath heating cable Temperature characteristics**



**Medium temperature fluoroplastic sheath, anti-corrosion and explosion-proof reinforced self-limiting temperature electric heating cable** is a parallel belt, so any part (a small length) in the electric heating cable has an automatic (any temperature-power output) adjustment function that individually adapts to the environmental temperature change. Therefore, it can be cut arbitrarily and can adapt to different length requirements within the allowable length range, which is extremely convenient for on-site installation and construction. It is an electric heat tracing compensation device with unlimited length and parallel wires. Its structure is simple, its shape is flat and smooth, it has a certain degree of winding ability, it can be wound flatly at will, and its application range is extremely wide. The main feature is that its output power can change with changes in pipe temperature. It is used for various piping container storage tanks and instruments with internal heating type and external heating type antifreeze insulation, and the highest constant temperature is  $105 \pm 5$  °C.