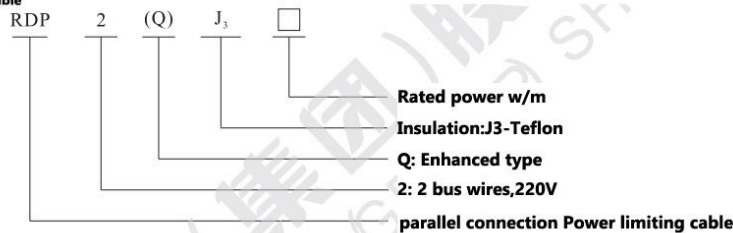


220v RDP2-J3 parallel constant power limiting heating cable is mainly used for anti-freezing and heat preservation of various pipes and meters. The higher maintenance temperature can reach 150°C. It can be used in explosive gas occasions in the first and second areas of the factory. The power output of the constant-power electric heating cable is always constant after being energized, and will not change with changes in the external environment, heat preservation material, and heating material, and the power output or stop is usually controlled by a temperature sensor.

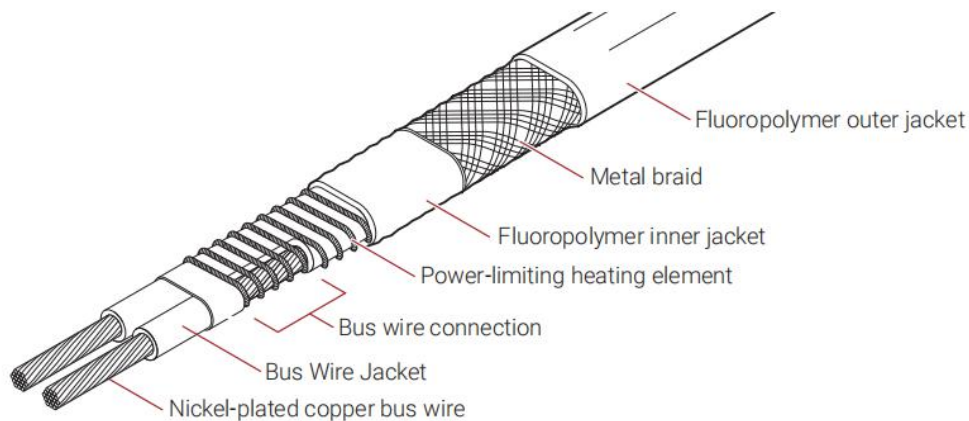
Power Limiting Heating Cable Model meaning:

For example: RDP2-J3-30, indicating that the insulating layer is Teflon, the rated output power is 30w/m, the working voltage is 220v, and the single-phase ordinary constant power heating cable



Power Limiting Heating Cable structure:

The heating resistance wire is connected in parallel, and the pipeline is heated by the resistance wire heating when it works.



Power Limiting Heating Cable Principle:

Two parallel nickel-copper stranded wires are wrapped in a fluoride insulation layer as a power bus, and a nickel-chromium alloy heating wire is wound outside the inner insulation layer, and the heating wire is welded at regular intervals to form a continuous parallel resistance, when the power copper bus bar is energized, each

parallel resistance will heat up, that is, a continuous heating electric heating belt can be cut at will.

Power Limiting Heating Cable specifications and parameters

Type		Rated power per meter (W/m)	Maximum use length (m)	Max maintenance temperature of medium (°C)	Long fever section(mm)
normal type	Enhanced type				
RDP ₂ -J ₃ -10	RDP ₂ (Q)-J ₃ -10	10	210	150°C	1760
RDP ₂ -J ₃ -20	RDP ₂ (Q)-J ₃ -20	20	180	120°C	1250
RDP ₂ -J ₃ -30	RDP ₂ (Q)-J ₃ -30	30	150	90°C	1040
RDP ₂ -J ₃ -40	RDP ₂ (Q)-J ₃ -40	40	140	65°C	880

220v RDP2-J3 parallel constant power limiting heating cable Mainly used in petroleum, chemical, electric power, metallurgy and other pipeline systems, storage tanks, valves, pumps, heat tracing, antifreeze, or process temperature maintenance of instrument pipelines. It is suitable for heat tracing and insulation of long-distance, large-diameter pipelines. It can be used in general occasions and explosion-proof occasions Class I and Class II zone 2.