

VPL POWER-LIMITING HEATING CABLE



nVent RAYCHEM VPL power-limiting trace heating cables are mainly used for process temperature maintenance applications that require steam cleaning, up to 455 °F/235 °C and withstand intermittent exposure to 500 °F/260 °C. VPL offers high power output at high temperatures, which can reduce the number of heating cables required and is hazardous area approved. Also suitable for freeze protection. The fluoropolymer outer jacket (-CT) provides high chemical resistance against aggressive organics and corrosives.

FEATURES & BENEFITS

Efficient system design: high power output at elevated temperatures reduces heating cable required, flat P-T curve results in lower T start up and power equipment costs, longer circuit lengths due to larger cross section conductors

Maximum circuit length further increases when operating at higher voltages: reducing the number of circuits and power supply equipment

Fast installation: cut-to-length, multiple overlaps allowed, meter markings, user-friendly connections kits

Safe and efficient in operation: no overheating, uniform pipe temperatures, energy saving technology

Reliable during long life: 10 year product warranty available, maintenance free

SPECIFICATIONS

Supply Voltage 200 – 277 V

Outer Jacket Material High Temperature Fluoropolymer

Max Continuous Exposure Temperature, Power Off 260 °C

Max Cumulative Hours for Intermittent Exposure 1000 h

Ground Path Type Braid

Area Classification Non-Hazardous; Hazardous

Min Installation Temperature -60 °C

Table 1/1

Catalog Number	Item Name	Nominal Power Output @ 10°C, 230V	Max Maintain or Continuous Exposure Temperature, Power On
892652-000	10VPL2-CT	30 W/m	220 °C
068380-000	15VPL2-CT	45 W/m	230 °C
451828-000	5VPL2-CT	15 W/m	235 °C

Supply Voltage 200 – 240 V

Outer Jacket Material High Temperature Fluoropolymer

Max Continuous Exposure Temperature, Power Off 260 °C

Max Cumulative Hours for Intermittent Exposure 1000 h

Ground Path Type Braid

Area Classification Non-Hazardous; Hazardous

Min Installation Temperature -60 °C

Table 1/1

Catalog Number	Item Name	Nominal Power Output @ 10°C, 230V	Max Maintain or Continuous Exposure Temperature, Power On
589252-000	20VPL2-CT	61 W/m	150 °C

Supply Voltage 400 – 480 V

Outer Jacket Material High Temperature Fluoropolymer

Max Continuous Exposure Temperature, Power Off 260 °C

Max Cumulative Hours for Intermittent Exposure 1000 h

Ground Path Type Braid

Area Classification Non-Hazardous; Hazardous

Min Installation Temperature -60 °C

Table 1/1

Catalog Number	Item Name	Nominal Power Output @ 10°C, 400V	Max Maintain or Continuous Exposure Temperature, Power On
P00000679	10VPL4-CT	24 W/m	205 °C
P00000680	15VPL4-CT	36 W/m	170 °C
P00000681	20VPL4-CT	49 W/m	150 °C

Catalog Number	Item Name	Nominal Power Output @ 10°C, 400V	Max Maintain or Continuous Exposure Temperature, Power On
P000000678	5VPL4-CT	12 W/m	230 °C

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