

# **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**

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**

Max Continuous Exposure Temperature, Power Off:260 °CMax Cumulative Hours for Intermittent Exposure:1000 hMin Installation Temperature:-60 °CGround Path Type:Braid

Area Classification:Non-Hazardous; HazardousOuter Jacket Material:High Temperature Fluoropolymer

Table 1/1									
Catalog Number	Item Name	Supply Voltage	Nominal Power Output @ 10°C, 230V	Nominal Power Output @ 10°C, 400V	Max Maintain or Continuous Exposure Temperature, Power On				
068380-000	15VPL2-CT	200 – 277 V	45 W/m		230 °C				

Catalog Number	Item Name	Supply Voltage	Nominal Power Output @ 10°C, 230V	Nominal Power Output @ 10°C, 400V	Max Maintain or Continuous Exposure Temperature, Power On
451828-000	5VPL2-CT	200 – 277 V	15 W/m		235 °C
589252-000	20VPL2-CT	200 – 240 V	61 W/m		150 °C
892652-000	10VPL2-CT	200 – 277 V	30 W/m		220 °C
P000000678	5VPL4-CT	400 – 480 V		12 W/m	230 °C
P000000679	10VPL4-CT	400 – 480 V		24 W/m	205 °C
P000000680	15VPL4-CT	400 – 480 V		36 W/m	170 °C
P000000681	20VPL4-CT	400 – 480 V		49 W/m	150 °C

#### **WARNING**

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

### **North America**

Tel +1.800.545.6258 Fax +1.800.527.5703 thermal.info@nvent.com Europe, Middle East, Africa Tel +32.16.213.511

Fax +32.16.213.604 thermal.info@nvent.com Asia Pacific

Tel +86.21.2412.1688 Fax +86.21.5426.3167 cn.thermal.info@nvent.com Latin America

Tel +1.713.868.4800 Fax +1.713.868.2333 thermal.info@nvent.com