

KTV SELF-REGULATING HEATING CABLE



nVent RAYCHEM KTV self-regulating trace heating cables are mainly used for process temperature maintenance of pipes/vessels that require steam cleaning, up to 300 °F/150 °C. Also used for freeze protection of systems with high heat losses. They withstand intermittent exposure to 482 °F/250 °C. The fluoropolymer outer jacket (-CT) provides high chemical resistance against aggressive organics and corrosives.

FEATURES & BENEFITS

Simplified design in hazardous area: unconditional T2C class, T3-T6 based on systems approach

Longer circuit lengths due to larger cross section conductors

High power output for higher temperature applications

Fast installation: cut-to-length, flexible and easy to strip, 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 Maintain or Continuous Exposure Temperature, Power On 150 °C

Max Intermittent Exposure Temperature, Power On/Off 250 °C

Max Cumulative Hours for Intermittent Exposure 1000 h

Area Classification Non-Hazardous; Hazardous

Min Installation Temperature -60 °C

Table 1/1

Catalog Number	Item Name	Nominal Power Output @ 10°C, 230V
P000001683	15KTV2-CT	47 W/m
P000001685	20KTV2-CT	66 W/m
P000001679	5KTV2-CT	16 W/m
P000001681	8KTV2-CT	25 W/m

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