



Visit www.tycothermal.com for more information on our ten-year extended warranty.

Electrical freeze protection and temperature maintenance for very long pipelines in both nonhazardous and hazardous locations.

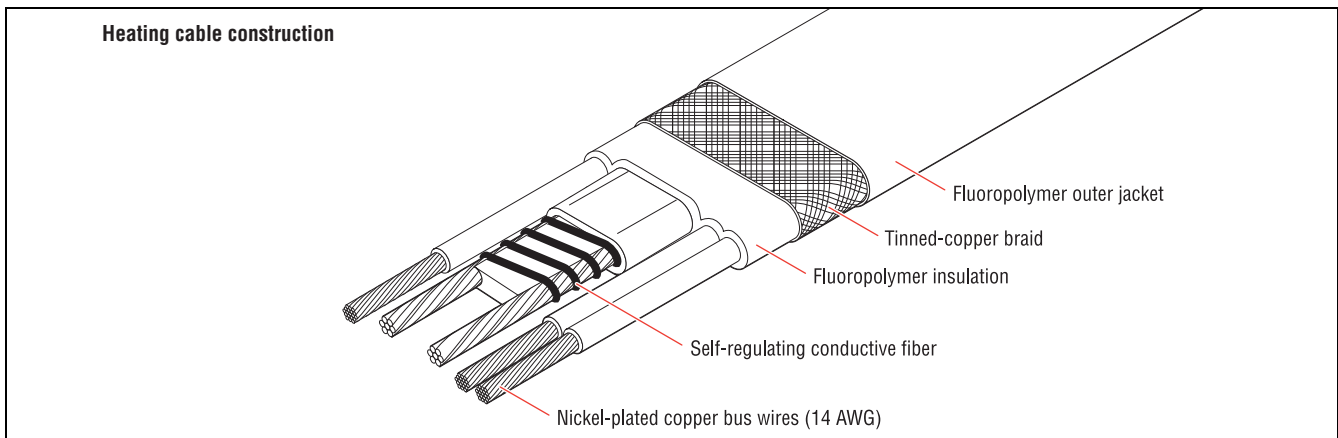
VLKTV provides high-temperature maintenance for longline applications. VLKTV can also be used to provide low-temperature maintenance for long lines that are exposed

to high temperatures. The VLKTV heating cable can withstand continuous exposure to temperatures up to 300°F (150°C), and intermittent exposure to 420°F (215°C).

The cables are configured for use in non-hazardous and hazardous locations, including areas where corrosives may be present.

VLKTV2-CT provides very long circuit length capability. It can be used for continuous circuit lengths of 1,000 (305 m) to 6,000 feet (1830 m), powered from a single source. VLKTV is especially well suited for tracing long pipelines containing temperature-sensitive fluids or where extreme reliability is required.

Self-regulating heating cables for longline systems



Application

Area classification	Nonhazardous and hazardous locations
Traced surface type	Metal
Chemical resistance	Organic and aqueous inorganic chemicals and corrosives

Supply Voltage 480–600 Vac 3-Phase, 4-Wire

Temperature Rating

Maximum continuous exposure	300°F (150°C)
Maximum intermittent exposure (power on or off)	420°F (215°C)
Minimum installation temperature	–40°F (–40°C)

Temperature ID Number (T-Rating) T2C: 446°F (230°C)
Temperature ID numbers are consistent with North America national electrical codes.

Circuit Length

	480 Vac 3-Phase, 4-Wire	600 Vac 3-Phase, 4-Wire
Minimum length	1,000 ft (305 m)	2,000 ft (610 m)
Maximum length	5,000 ft (1,525 m)	6,000 ft (1,830 m)

Design and Installation

For proper design and installation of a VLKTV system and connection kit selection, contact Tyco Thermal Controls. Literature is available via the Tyco Thermal Controls Web site, www.tycothermal.com.

Nominal Power Output Ratings on Insulated Metal Pipes

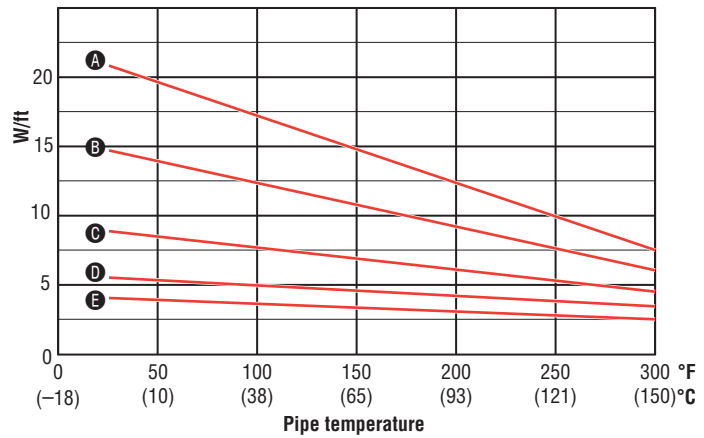
Circuit length

- A** 1,000 ft
- B** 2,000 ft
- C** 3,000 ft
- D** 4,000 ft
- E** 5,000 ft
- F** 6,000 ft

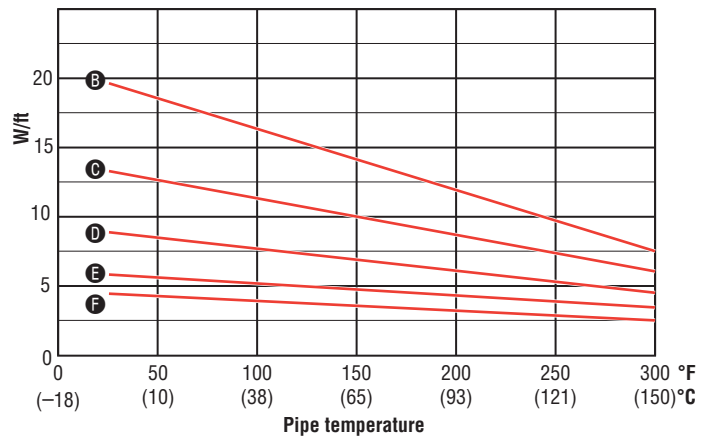
W/M = 3.28 X W/FT
 °C = 5/9 (°F-32)

* For power output inside U-shaped channels, consult Tyco Thermal Controls.

**480 Vac
 3-Phase
 4-Wire**



**600 Vac
 3-Phase
 4-Wire**



Approvals

Hazardous Locations



Class I, Div. 2, Groups B, C, D
 Class II, Div. 2, Groups F, G
 Class III

Nonhazardous Locations



-W

Connection Kits

These connection kits must be used to ensure proper functioning of the product and compliance with warranty, code, and approvals requirements: VKK-System, VKK-S (splice).

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