

ProLine Concrete Slab Floor Heating – Data Sheet

GENERAL PRODUCT INFORMATION

ProLine concrete slab floor heating systems provide an extremely effective and efficient method for heating floors. The heat cable is larger in diameter than typical floor heating cable because it is designed for installation in concrete slabs. The cable offers durability, high heat output, and affordability. ProLine’s slab heating cable is most often used in new construction where overall material cost is a primary concern.

Features Include:

- Single point connection
- Twin conductor cable
- Safety approved for wet locations
- Flexible installation
- High output means less cable is required
- Durable construction
- Emits zero electromagnetic fields (EMF)
- UL listed in the U.S. and Canada
- Fast response time
- Genuine 10-year non-prorated warranty



Concrete Slab Floor Warming System

During installation the heat cable is embedded 1 to 2 inches below the surface. The thermal heating cable then warms and uses the concrete slab to store and distribute heat evenly throughout its intended area. Slab heating cable is affordable and can be installed under any type of flooring, including hardwood, carpet, laminates, and tile so you can enjoy radiant heated floors under any floor in your home.

Because ProLine slab heating cable has a protective metallic shield and is waterproof, it is safe for use in both wet and dry applications. Designed to produce 10-15 watts per square foot, concrete slab heating cable is the premier floor heating solution for in-slab applications in both residential and large commercial projects. The radiant floor heating system efficiently provides comfortable heat for virtually every floor heating application.

Heating Cable Specifications

Cable Construction	Twin conductor
Rated Voltage	240 V Max
Output	9W/ft (30W/m)
Cable Length	115 feet (35 m) to 545 feet (166 m)
Cold lead	20 feet (6 m)
Bending Radius	Minimum 1½-inches (38 mm)
Cable Diameter	¼-inch (6.5 mm)
Conductor Insulation	Teflon™
Outer Insulation	PVC
Filler Sheath	PEX
Max. Operating Temperature	220°F (105°C)
Min. Installation Temperature	40°F (5°C)

See power lead label for NEC connection color code.

ORDERING INFORMATION

Concrete Slab Heating Cable (240V)

Item Number	Length (feet)	Approximate Heat Coverage (sq. ft.)			Watts (9 W/ft.)	Amps
		4-inch spacing	5-inch spacing	6-inch spacing		
Call for info	115	40	50	60	1,080	4.5
Call for info	190	60	80	95	1,750	7.3
Call for info	240	80	100	120	2,160	9.0
Call for info	285	95	120	145	2,590	10.8
Call for info	330	110	140	165	3,025	12.6
Call for info	375	125	160	185	3,480	14.5
Call for info	425	140	175	210	3,865	16.1
Call for info	475	155	200	235	4,365	18.2
Call for info	545	180	225	270	5,015	20.9

Thermostats

Item Number	Temperature Setting	Sensor	Typical Floor Covering
Call for info	Programmable	Floor	Tile, stone, marble
Call for info	Programmable	Air	Tile, stone, marble
Call for info	Manual	Floor	Tile, stone, marble

Accessories

Item Number	Description
Call for info	Cable strapping (15 feet)
Call for info	Cable strapping (75 feet)
Call for info	Cable repair kit (Includes: crimp connector, repair wire, heat shrink tubes)

WARRANTY INFORMATION

Concrete Slab Heating Cable: Genuine 10-year non-prorated warranty.

Thermostat: 2-year limited warranty.

ProLine Slab heating cable is UL approved for both US and Canada.



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