



Heating Cables
Supply & Design

CABLE

ELECTRIC FLOOR HEATING
FOR UNCOUPLING MEMBRANE SYSTEMS



**ZERO
EMF**



When you are looking to provide a safe and energy efficient floor heating solution to your customers, make sure you choose **TRM floor heating** for a system you can rely on.

TRM UNCOUPLING MEMBRANE

TRM electric floor heating cables combine with the TRM uncoupling membrane to provide a comfortable, convenient electric floor heating system, with the added benefits of an uncoupling, crack isolation and waterproofing membrane. At 5.5mm (0.22") in thickness, the TRM Cable & Membrane System is ideal for renovations and new construction.

THREE MEMBRANE SIZES ARE AVAILABLE TO ENSURE YOU ONLY BUY WHAT YOU NEED

MEMBRANE SPECIFICATIONS

PART #	DESCRIPTION
TRM-Mem-Large	161 Square foot roll (3'3" x 49'2.5")
TRM-Mem-Small	54 Square foot roll (3'3" x 16'4.75")
TRM-Mem-Sheet**	10.6 Square feet each (39" x 39")

**The minimum ordering quantity for TRM-Mem-Sheets is 25 sheets.

Wet area installations may require membrane seam tape, available in small 6"x16' and 6"x98' rolls.

Please advise TRM at time of quoting if the installation is in a wet area and if seam tape will be required.

HOME RENOVATIONS, NEW CONSTRUCTION

Whether for your latest home renovation project or new construction, TRM electric floor heating systems are suitable for a wide range of interior heating applications.

We offer a wide range of standard cable sizes that easily adapt to the smallest of areas, yet are more than capable of heating large rooms.

TRM heating cables and floor sensor probes are wet area rated, making them ideal for use in kitchen, bathroom and shower installations.

**Typically installed in conjunction with our uncoupling membrane system – also available with cable guides.*

BENEFITS INCLUDE:

- On-site flexibility
- Flexible wire-heating and output
- Compatible with TRM Membrane
- Comprehensive selection of sizes to choose from
- Available immediately



WARRANTY:

We believe in the superior quality of all of our TRM floor heating products. That's why we offer a **25-year warranty** to cover all potential heating cable product defects, a 10-year warranty on membrane, and a 3-year warranty on all TRM thermostats and relays; when installed by a certified professional.



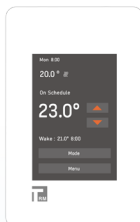
TRM is a Canadian-owned leading designer, and manufacturer of premium heating cable and systems in the commercial, industrial, and residential sectors.

TRM FLOOR HEATING THERMOSTATS



TRM-FH-GOLD

- Bluetooth®, Wifi, Cloud connected
- 3.5" colour touchscreen with interactive control
- Full programmability
- Tracks power consumption
- Dual voltage compatibility (120V or 240V)
- 15 Amp capacity
- 15' Floor sensor (included)
- Complete with GFCI protection



TRM-FH-SILVER

- 3.5" colour touchscreen with interactive control
- Full programmability
- Tracks power consumption
- Dual voltage compatibility (120V or 240V)
- 15 Amp capacity
- 15' Floor sensor (included)
- Complete with GFCI protection



TRM-FH-BRONZE

- Non-programmable
- Tracks power consumption
- Dual voltage compatibility (120V or 240V)
- 15 Amp capacity
- 15' Floor sensor (included)
- Complete with GFCI protection



Optional - TRM-FH-Relay (USG-4000)

The TRM-FH-Relay power expansion module can be used in concert with any TRH-FH thermostat in projects with large heated floor areas that exceed a single thermostat's 15 amp capacity. Low voltage master/slave wiring between the thermostat and relay(s) is required.

TRM FLOOR HEATING CABLE 120 V

MODEL #	SQUARE FEET COVERED		WATTS	AMPS	LENGTH (FEET)
	AT 3 PILLARS *	AT 2/3/2 PILLARS **			
	12 WATTS/SQ. FT.	15 WATTS/SQ. FT.			
TRM-FH-1-10	10.5	8	120	1	33
TRM-FH-1-15	15.7	12	180	1.5	49.5
TRM-FH-1-21	21.0	16	240	2	66
TRM-FH-1-26	26.2	20	300	2.5	82.5
TRM-FH-1-31	31.4	24.1	360	3	99
TRM-FH-1-42	41.9	32.1	480	4	132
TRM-FH-1-52	52.4	40.1	600	5	165
TRM-FH-1-63	62.9	48.1	720	6	198
TRM-FH-1-73	73.3	56.1	840	7	231
TRM-FH-1-84	83.8	64.2	960	8	264
TRM-FH-1-94	94.3	72.2	1080	9	297
TRM-FH-1-105	104.8	80.2	1200	10	330
TRM-FH-1-115	115.3	88.2	1320	11	363
TRM-FH-1-125	125.7	96.3	1440	12	396

TRM FLOOR HEATING CABLE 240 V

MODEL #	SQUARE FEET COVERED		WATTS	AMPS	LENGTH (FEET)
	AT 3 PILLARS *	AT 2/3/2 PILLARS **			
	12 WATTS/SQ. FT.	15 WATTS/SQ. FT.			
TRM-FH-2-15	15.7	12	180	0.75	49.5
TRM-FH-2-21	21	16	240	1	66
TRM-FH-2-26	26.2	20.1	300	1.25	82.5
TRM-FH-2-31	31.4	24.1	360	1.5	99
TRM-FH-2-36	36.7	28.1	420	1.75	115.5
TRM-FH-2-47	47.1	36.1	540	2.25	148.5
TRM-FH-2-63	62.9	48.1	720	3	198
TRM-FH-2-73	73.3	56.1	840	3.5	231
TRM-FH-2-84	83.8	64.2	960	4	264
TRM-FH-2-94	94.3	72.2	1080	4.5	297
TRM-FH-2-105	104.8	80.2	1200	5	330
TRM-FH-2-125	125.7	96.3	1440	6	396
TRM-FH-2-146	146.7	112.3	1680	7	462
TRM-FH-2-167	167.6	128.3	1920	8	528
TRM-FH-2-188	188.6	144.4	2160	9	594
TRM-FH-2-210	209.6	160.4	2400	10	660
TRM-FH-2-230	230.5	176.5	2640	11	726
TRM-FH-2-250	251.5	192.5	2880	12	792

CABLE SPACING

Depending on the project, TRM heating cables may be installed using the following spacing patterns. Each pattern will adjust the total heated coverage area for the kit selected, and determine the heating output for the system; most installations require some blending.

* **Standard spacing** = 3 pillar, to achieve 12 watts per sq. ft.

** **Blended spacing** = 2/3/3/2/3/3/2, to adjust the cable kit size to fit within the heated area

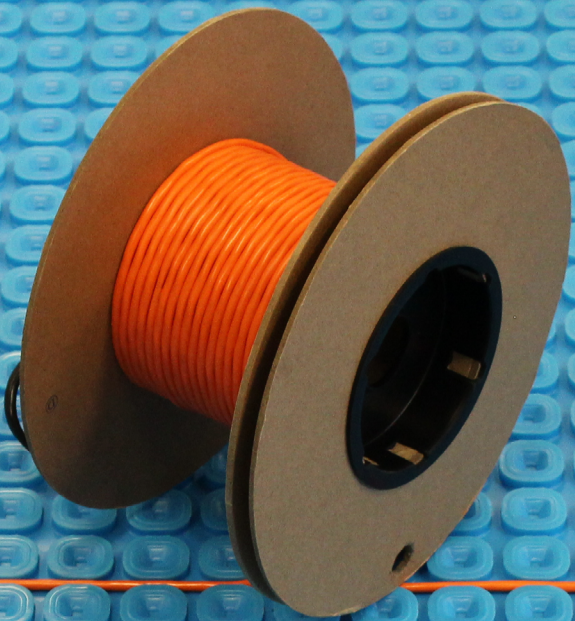
*** **Alternative spacing** = 2/3/2 pillar, to achieve 15 watts per sq. ft.

Note: Use 3/4 pillar spacing to achieve 10 watts per sq. ft.

The cable spacing patterns noted above are based on utilizing TRM in-floor heating cable (3.7 w/ft output at appropriate voltage), in concert with TRM uncoupling membrane (pillar spacing is 1.25" o/c).

Please contact TRM for alternative design options.





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