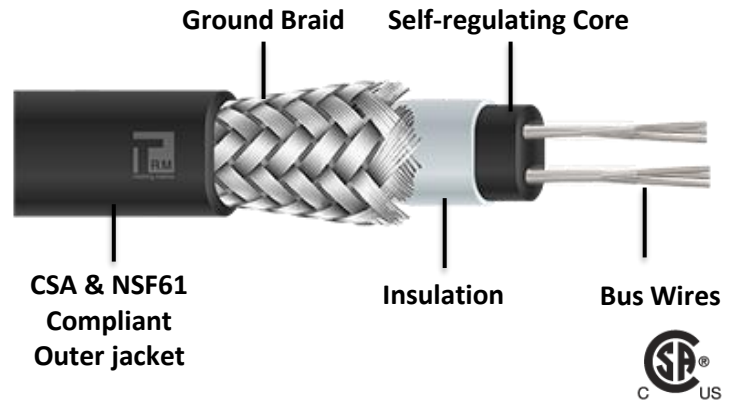


KEY FEATURES:

- NSF61 compliant
- Cut to length
- Safe for potable water
- Small dimensions



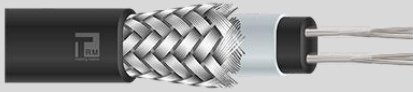
TRM brand in-pipe self-regulating heating cable is specifically designed and approved for internal heat tracing of residential and commercial potable water lines, as well as other approved internal pipe tracing applications up to 0.5 MPA (70 PSI). The heating cable provides maximum performance in a compact design, outputting 3 watts per linear foot of cable (10 watts/meter) in water that is 32°F (0°C).

This versatile heating cable comes with an NSF61 compliant fluoropolymer outer jacket for installation inside of potable water pipelines between 0.75" - 2" (19mm-50mm) in diameter and is suitable for small metal or plastic pipes rated up to 140°F (60°C) exposure; *insulation may be required for pipes which are directly exposed to wind/ low ambient temperatures, contact TRM for design assistance.*

TECHNICAL SPECIFICATIONS

Cable Construction:	11mm, Self-Regulating parallel heating cable
Outer Jacket:	Fluoropolymer Jacket (NSF61 compliant)
Bus wire:	16 AWG; Nickel plated copper
Cold lead:	14 AWG
Nominal Voltage:	120V or 208V/240V
Output:	3W/ft (10W/m) in water at 32°F (0°C)
Maximum exposure temp: (Power off)	185 °F (85 °C)
Bending radius:	1.25" (32mm)
Maximum maintain temperature:	140 °F (60 °C)
Min. Installation Temp.:	32 °F (0 °C)
Maximum rated system pressure:	0.5 MPA (70 PSI)

Cable and Accessories



TRM In-pipe SR heating cable
(Part# TRM-SR-IP-3-1 or TRM-SR-IP-3-2)

NSF61 compliant, 11mm fluoropolymer jacketed SR heating cable for potable and ordinary area in pipe tracing applications; available in 120V and 208V/240V.



120V (Plug-in) Power Connection Kit with GFI plug
(Part# TRM-SR-IP-ACC-GFI PWR KIT)

Includes: (1) Heat shrink termination kit and (1) 15A 120V rated GFI power cord end.



120V/240 (Hard-wire) Power Connection Kit with 30" 14AWG Cold Lead
(Part# TRM-SR-IP-ACC-HW PWR KIT)

Includes: (1) Heat shrink termination kit and (1) 30" 14 AWG cold lead wire with strain relief gland.



Brass Fitting
(Part# TRM-SR-IP-ACC-BRASS NUT)

Includes: (1) ¼" NPT Brass coupling, (1) Compression fitting and strain relief, (1) Silicon rubber grommet, (1) compression cap.



Submersible end seal kit
(Part# TRM-SR-IP-ACC-SUB END KIT)

Includes: (1) 7" long ¼" diameter heatshrink tube, (1) 5" long ¼" diameter heatshrink tube, (1) 4" long ½" diameter woven braid, (1) pc of mastic 5/8" wide, and (1) ½" diameter heat shrink end cap.



Optional: Silicone Pulling Sleeve
(TRM-SR-IP-ACC-Pulling Sleeve)

Includes: (1) 2" long, food safe, silicone sleeve for attaching a fish tape to the end of a TRM In-pipe SR heating cable system; may be required for longer pipe runs or pipes with bends. ~6' piece of masonry string (not included)

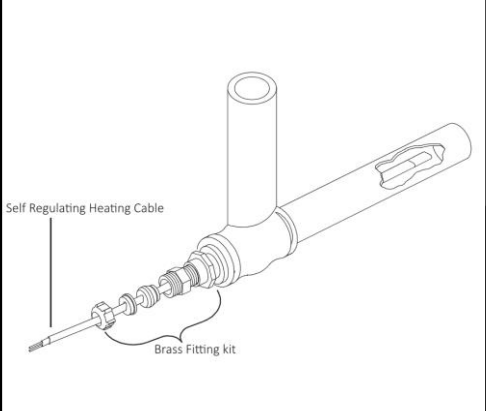


Maximum Circuit Length (Ft) based on type 'C' circuit breaker sizes

	120V	208V	240V
Minimum Start-up Temperature	15 Amp breaker	15 Amp breaker	15 Amp breaker
0°C (32°F)	180'	345'	360'

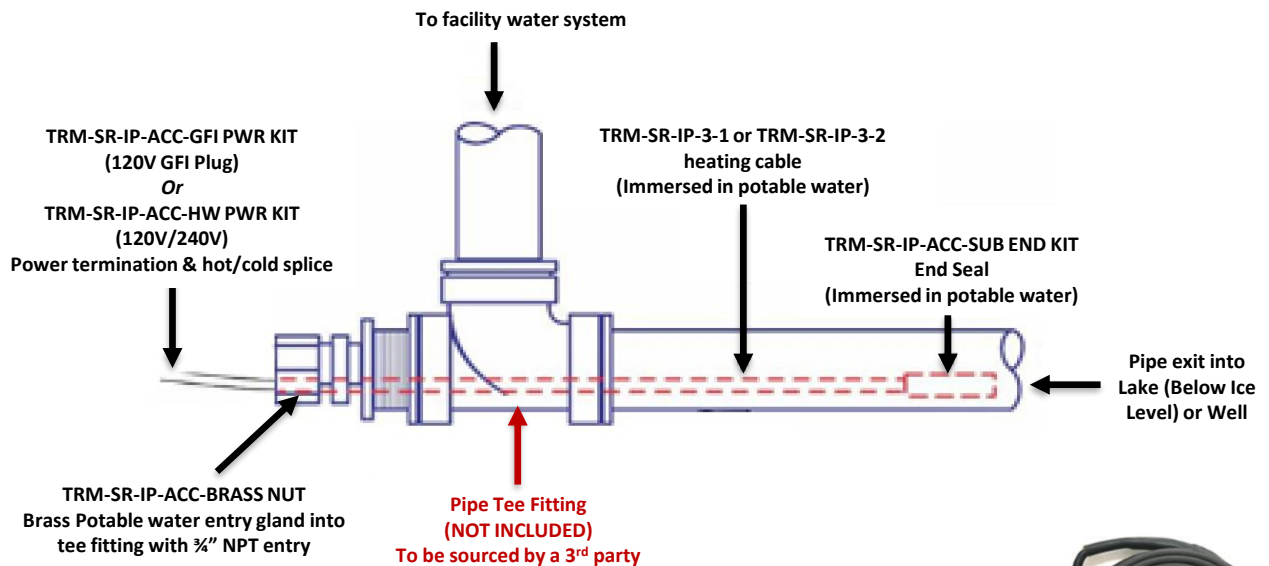
Heating cable circuit lengths based on the:

- Voltage 120V / 240V
- Minimum expected start up temperature of 0°C (32°F)
- Single circuit fed from one end with the end seal situated in the submersed environment.
- 208V Operation will reduce heating output and circuit length per the multipliers noted below:
 - Power output adjustment multiplier: 0.82
 - Circuit length adjustment multiplier: 0.96

Brass Fitting breakout:

 <p>Self Regulating Heating Cable</p> <p>Brass Fitting kit</p>	 <p>Example of the supplied lead-free 3/4" NPT Brass Fitting; to be installed within an appropriate TEE fitting.</p> <p><u>TEE FITTING NOT INCLUDED.</u></p> <p><u>All pipe Tees and fittings to be sourced, supplied, and paid for by plumber or by EC.</u></p>	
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Typical layout of an internally heat traced pipe:



WARRANTY

We believe in the superior quality of our TRM in-pipe heating cable products. Our standard warranty is 2 years from the date of purchase. Contact us regarding extended warranty terms or conditions.

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

