


TTS™**Self-Regulating Heating Cable
for Pipe Freeze Protection****Certifications / Approvals:**

Canadian Standards Association
 Ordinary (Non-Classified) Locations 
 Hazardous (Classified) Locations
 Class I, Division 2, Groups A, B, C and D
 Class II, Division 2, Groups F and G
 Meets or exceeds - IEEE 515, 515.1 - UL 1588
 CSA 130.3

Description:

Cut-to-length TTS Self-Regulating heating cables are designed to provide freeze protection to metallic and non-metallic piping. Whether the application is a small project or a complex network, designing an electric heat trace system is easy with TTS heating cable.

Please refer to the TTS materials guide for Pipe Freeze Protection on page 8 of this catalogue for full details.

TTS heating cables are approved for use in ordinary (non-classified) and hazardous (classified) areas.

Areas of Application:

- Freeze protection or low temperature maintenance
- Metallic or non-metallic piping tanks and equipment
- Sewage pipes, intake and drain lines (external tracing only)
- Water meters and outside pipes/taps
- Water pipes in unheated areas
- Sprinkler systems
- Refrigeration

* For pipe freeze protection add thermal insulation for a complete installation

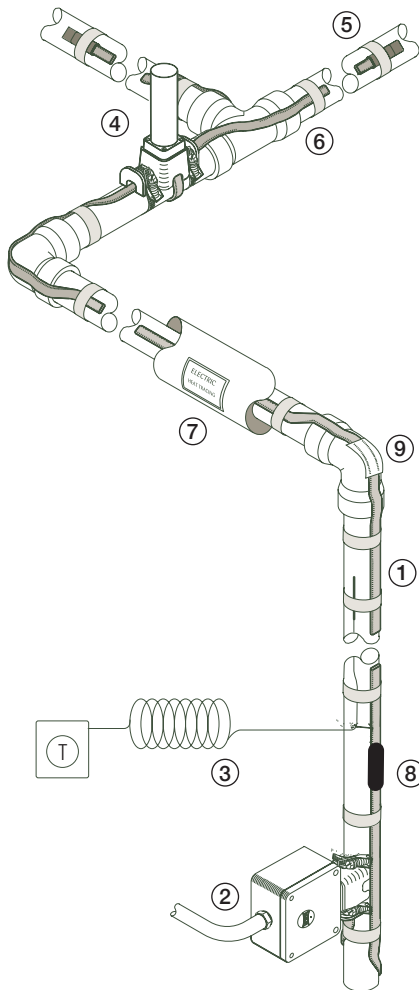
Ratings:

Available watt densities.....	16, 26, 33 w/m @ 10° C (5, 8, 10 w/ft @50° F)
Supply Voltages.....	110-120 or 208-240 Vac
Max. Maintenance temperature.....	65° C (150° F)
Max. Continuous exposure temperature	
Power off.....	85° C (185° F)
Minimum installation temperature.....	-51° C (-60° F)
Minimum bend radius.....	32 mm (1.25")
T-rating.....	T6 85° C (185° F)

TTS™ Self-Regulating Heating Cable for Pipe Freeze Protection

Basic Components:

A pipe freeze protection system that uses TTS heating cable will typically include heating cable and components shown in the illustration and TTS ordering information table below.



Ref #	Part Number	Description
Cable		
1	TTS-5-1-OJ	5 W/FT @ 120V
1	TTS-8-1-OJ	8 W/FT @ 120V
1	TTS-10-1-OJ	10 W/FT @ 120V
1	TTS-5-2-OJ	5 W/FT @ 240V
1	TTS-8-2-OJ	8 W/FT @ 240V
1	TTS-10-2-OJ	10 W/FT @ 240V
Termination Kits		
2	18-SXG-KIT ¹	Power Connection Gland Kit w/o Junction Box
2	ECA-1-SR-SP	Metallic Power Connection Kit with Junction Box
4	ECT-2-SR	Metallic T-Splice Kit with Junction Box
2	PCA-1-SR	Non-metallic Power Connection Kit with Junction Box
4	PCS-1-SR	Non-metallic T-Splice Kit with Splice Cover ¹
8	HS-PBSK	Inline Heat Shrink Splice Kit (Under Insulation)
4	HS-TBSK	T-Splice Heat Shrink Kit (Under Insulation)
5	ET-6C	End Termination Kit (Ordinary & Div 2 Approved)
Installation Accessories		
6	BTape	Binding / Attachment Tape (1/2" X 60 yds)
7	CL	Caution Labels (25 Per Pack)
9	AL TAPE	3M™ Aluminum Tape (2" X 180') for non-metallic pipe
Controls		
3	R1-050-DP	Indoor Thermostat
3	R3C-0120-DP	Weatherproof Indoor / Outdoor Thermostat

¹ Junction box appropriate for the application to be supplied by the installer.