

# THERMWIRE

## STW-51

### Thermwire Pre-Terminated Heating Cable



- Pipe Freeze Protection Applications
- Self Regulating, Energy Efficient Polymer Heating Core
- 20 AWG Nickel Plated Copper Buss Wire
- Tinned, Copper Ground Braid
- Polyolefin Outer Jacket
- 5 W/ft. @ 50°F
- Available in lengths of 6', 12', 18', 24', 50', 75', and 100'
- 30" Power Cord & Plug Installed
- Freeze Protection for Metal or Plastic Pipes— 1/2" to 2-1/2"
- Factory Installed End Seal
- Approximate Heating Cable Size 1/4" X 1/8"

#### Description

Chromalox Thermwire Pre-assembled cables provide safe, reliable freeze protection for light commercial and residential piping. These products are provided with factory terminated 3 foot cord set/plug and end seal for a complete, easy to install heat trace system. Power output

is 5 watts per foot @ 50°F and allows freeze protection of metal and plastic pipes up to 2.5" diameter. Thermwire Pre-assembled cables are third party tested & list by UL & CSA for safe, reliable protection of your piping.

#### Cable Key

Letter	Model	PCN	Length
A	STW51-6P	393369	6'
B	STW51-12P	393377	12'
C	STW51-18P	393385	18'
D	STW51-24P	393393	24'
E	STW51-50P	393406	50'
F	STW51-75P	392358	75'
G	STW51-100P	392366	100'

#### Notes:

- Charts are based on minimum ambient of 0°F and 1/2" of insulation.
- For minimum ambient of -20°F increase insulation thickness to 1".

**WARNING** — A ground fault protection device is required by NEC to minimize the danger of fire if the heating cable is damaged or improperly installed. A minimum trip level of 30mA is recommended to minimize nuisance tripping.

#### Cable Selection - Metal Pipes

Pipe Length	3'	6'	9'	12'	15'	18'	21'	24'	27'	30'	40'	50'	100'
DIAMETER	1/2"	A	A	B	C	C	D	E	E	E	E	E	G
	1"	A	A	B	B	C	C	D	D	E	E	E	G
	1-1/2"	A	A	B	B	C	C	D	E	E	E	E	G
	2"	A	A	B	B	C	C	D	E	E	E	E	G
	2-1/2"	A	B	B	C	C	D	E	E	E	E	E	G

#### Cable Selection - Plastic Pipes

Pipe Length	3'	6'	9'	12'	15'	18'	21'	24'	27'	30'	40'	50'	100'
DIAMETER	1/2"	A	A	B	B	C	C	D	D	E	E	E	F
	1"	A	B	B	C	C	D	D	E	E	E	E	F
	1-1/2"	A	B	C	C	D	D	E	E	E	F	F	G
	2"	A	B	C	D	E	E	E	E	F	F	F	G
	2-1/2"	A	C	D	D	E	E	E	F	F	F	F	G