

PRODUCT OVERVIEW



Chromalox® Thermwire Wrap is a braid only heating cable that provides safe reliable freeze protection for commercial and residential piping, and can be used anywhere pipes are exposed to subfreezing temperatures. Thermwire Wrap cables are flexible, can be cut to length in the field and can be single overlapped without fear of burnout in areas where piping and equipment require additional heat trace cable. Power output is 3 or 6 w/ft @ 40°F (9.8 or 19.7 (w/m @ 4.4°C) and is equipped with a grounding braid for code compliance. Thermwire Wrap cables are third party tested and approved for use in ordinary area locations for commercial and residential applications on both metal and plastic pipes.

DESCRIPTION

The heating cable consists of two (2) 16 AWG nickel-plated copper bus wires embedded in a self-regulating semiconductive polymeric core matrix that controls power output so that the

cable can be used directly on plastic or metallic pipes. A tinned copper braid covering serves added mechanical protection and positive ground path.

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

APPLICATION

Trace Surface Type Metal and Plastic

Chemical Resistance Exposure to aqueous solutions of inorganic compounds
Exposure to liquids, organic chemicals, acids, or bases

VOLTAGE SUPPLY

120 Vac
208 to 277 Vac (240 Vac nominal)

TEMPERATURE RATING

Maximum Maintenance Temperature..... 150°F (65°C)
Maximum Exposure Temperature, Power Off..... 185°F (85°C)
Minimum Installation Temperature..... -40°F (-40°C)

APPROVALS



• Ordinary Areas



• Ordinary Areas

THERMWIRE WRAP

PRODUCT CHARACTERISTICS

Maximum Bend Radius, in. (mm)	1.125 in. (28.5)
Bus Wire Size	16 AWG
Heating Cable Dimensions WxH, in. (mm)	0.50 x 0.23 (12.7 x 5.8)

ORDERING INFORMATION

Model	Volts	Weight lbs (kg)	Package Size in (mm)	PCN
TW3-1C-EZP*	120	9 (4)	12x12x4 305x304x102	386281
TW3-1C-250	120	18 (8.2)	11x11x8 279x279x203	386290
TW6-1C-50	120	5 (2.3)	11x11x3 279x279x76	386302
TW6-1C-EZP*	120	9 (4)	12x12x4 305x304x102	386310
TW6-1C-250	120	18 (8.2)	11x11x8 279x279x203	386345
TW6-2C-50	208-277	5 (2.3)	11x11x3 279x279x76	386353
TW6-2C-EZP*	208-277	9 (4)	12x12x4 305x304x102	386361
TW6-2C-250	208-277	18 (8.2)	11x11x8 279x279x203	386370

* Includes 100ft (30m) of TW3 or TW6 heating cable, (2) Power, (2) Splice, (2) End, (2) PM BKT and (1) ATK-PAK



1347 Heil Quaker Blvd
LaVergne, TN 37086

TECHNICAL SUPPORT
412-967-3940

email: sales@chromalox.com
www.chromalox.com

*press 1 to be directed to heat trace support