

Commercial and Residential Self-Regulating Heating Products



Heating Cables

Raychem® commercial and residential self-regulating heating products are the ideal solution for pipe freeze protection, roof and gutter de-icing and crankcase heating applications. These products include WinterGard®, WinterGard Plus® and WinterGard Wet® cut-to-length heating cable systems, Gardian™ pre-assembled heating cables and FreezGard® crankcase heaters. This application and design guide applies to these Raychem heating products only and is intended to assist in the selection of the appropriate heating cable, connection kits and accessories. Following the recommendations in this guide and those of your Tyco Thermal Controls representative will result in the selection of a reliable and energy-efficient system.

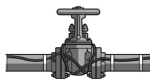
WinterGard Heating Cable, 3 Watts/Ft



Applications: Freeze protection for pipes in dry areas. Cut-to-length for small pipes.

Catalog No	Description	Voltage	Reel Length (ft)
H311100	Truck Pak	120	100
H311250	Reel	120	250

WinterGard Plus Heating Cable, 6 Watts/Ft



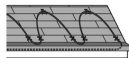
Applications: Freeze protection for pipes in dry areas. Cut-to-length for large pipes.

Catalog No	Description	Voltage	Reel Length (ft)
H611050	Box	120	50
H611100	TruckPak	120	100
H611250	Reel	120	250
H621050	Box	240	50
H621100	TruckPak	240	100
H621250	Reel	240	250

WinterGard Wet Heating Cable, 6 Watts/Ft



Applications: Freeze protection for pipes in dry or wet areas and roof and gutter de-icing. Cut-to-length for large pipes, wet locations, roof de-icing, and drain lines.

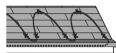


Catalog No	Description	Voltage	Reel Length (ft)
H612050	Box	120	50
H612100	TruckPak	120	100
H612250	Reel	120	250
H612500	Reel	120	500
H6121000	Reel	120	1000
H622050	Box	240	50
H622100	TruckPak	240	100
H622250	Reel	240	250
H622500	Reel	240	500
H6221000	Reel	240	1000

Gardian Heating Cable, 6 Watts/Ft



Applications: Freeze protection for pipes in dry or wet areas and roof and gutter de-icing. Preassembled for pipes and roofs.



Catalog No	Voltage	Pre-Assembled Length (ft)
W51-6P	120	6
W51-12P	120	12
W51-18P	120	18
W51-24P	120	24
W51-50P	120	50
W51-75P	120	75
W51-100P	120	100
W52-6L	240	6
W52-12L	240	12
W52-18L	240	18
W52-24L	240	24

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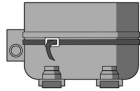
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FreezGard Crankcase Heater



Applications: Crankcase heating.

Catalog No	Voltage	Pre-Assembled Length (ft)
CCH-1C	120	4
CCH-2C	240	4

Accessories

Catalog No	Description	Use
H900	Power Connection Kit (hardwired)	A hardwired power connection and end seal for one heating cable circuit.
H903	Fiberglass Application Tap	To attach heating cable to the pipe. Includes 1 roll (66 ft) of tape and 10 warning labels.
H908	120 V Plug-in Power Connection Kit	A plug-in 120 V power connection with built-in ground-fault equipment protection (GFEP) and end seal for one heating cable circuit.
H910	Splice and Tee Kit	Provides material for one splice or one tee and one end seal.
H912	Gel-filled End	Two end seals for sealing the ends of heating cables.
H913	Roof Clips	Clips to attach WinterGard Wet or Gardian heating cable to the roof surface. Kit contains 10 clips for approximately 7 linear feet of roof edge.
H914	Roof Clips (Bulk Pack)	Clips to attach WinterGard Wet or Gardian heating cable to the roof surface. Bulk pack kit contains 50 clips for approximately 35 linear feet of roof edge.
H915	Downspout Hanger	Protects one WinterGard Wet or Gardian heating cable from damage caused by sharp edges in gutter and downspout applications. Also provides strain relief. Kit contains one downspout hanger bracket.
H921	120 V Junction Box	Outdoor-rated junction box with built-in ground-fault protection for hardwire connection of all 120 V Raychem cut-to-length heating cables. H 900 Power Connection Kit must be used with the H921 Junction Box.
H931	GFCI Receptacle	Ground fault circuit interrupter to convert one non-GFI protected receptacle (120 V only).

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Our Legacy of Excellence... "Customer Satisfaction Guaranteed!"

Meier Supply Company, Inc. has a 50-year history of success based on our cornerstone value – "Customer Satisfaction Guaranteed!" Partnering with our customers, we lead the way in education, value, commitment, quality, performance and support.

There are three generations of the Meier family still involved in company operations, led by Frank A. Meier Jr. as President.

What first began in 1957 as a family business with one location, founded by Frank M. Meier and his son, Frank A. Meier Sr., has become a major Northeastern distribution company with more than 15 locations and over 100 employee-owners.

Meier Supply Company is recognized as an industry leader by national and international professional organizations such as HARDI, NATE, Key Wholesalers Group Associations, the Controls Group of North America (CGNA), RSES, ACCA and ASHRAE. In 2006, Meier Supply was recognized as one of Central New York's 50 fastest growing companies with the FAST TRACK 50 award.

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606