H910



WINTERGARD WATERPROOF SPLICE AND TEE KIT



ABSTRACT

The nVent RAYCHEM WinterGard H910 Waterproof Splice and Tee Kit is for use with nVent RAYCHEM WinterGard self-regulating heat tracing cables to make splice, tee, and end seal connections. The kit contains materials for one end seal connection and either one splice or one tee connection. This kit does not provide a power connection; use an nVent RAYCHEM WinterGard H900 or H908 Power Connection Kit (for 120V cables only) to complete an installation that complies with warranty and national electrical code requirements.

FEATURES

- Enables one end seal connection and either one splice or one tee connection for WinterGard cables
- Suitable for wet environments (do not submerge)
- UL and CSA listed

SPECIFICATIONS

Reference Code	H910
Short Description	Waterproof Splice and Tee Kit
Catalog Number	217793-000
UPC	715629000330
Applications	Pipe Freeze Protection, Roof & Gutter De-Icing
Category	WinterGard Splice & Tee Connection Kits
Package Type	Poly bag
Package Size (LxWxD)	10" x 6" x 2"
Package Weight	0.3 lb.
Inventory Status	FI (Factory Inventoried)

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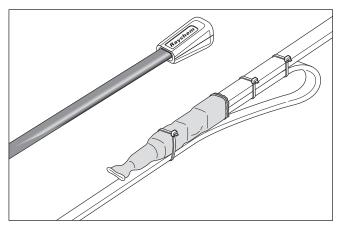
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RAYCHEM-DS-H60886-H910-EN-2003



H910

WinterGard Splice and Tee Kit with End Seal Installation Instructions



APPROVALS



718K Pipe Heating Cable or 877Z De-icing and Snow Melting Equipment

KIT CONTENTS

ltem	Qty	Description
A	2	Insulated bus wire crimps
В	1	Uninsulated braid crimps
С	3	Cable ties
D	6	Mastic strips
E	1	Heat-shrinkable cap
F	1	Heat-shrinkable tube (6 inch long, 1 inch dia.)
G	2	Black cloth tape (6 inch long)
Н	1	Clamp tie
I	1	End seal

WARNING:

This component is an electrical device that must be installed correctly to ensure proper operation and to prevent shock or fire. Read these important warnings and carefully follow all the installation instructions.

- To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of nVent, agency certifications, and national electrical codes, ground-fault equipment protection must be used. Arcing may not be stopped by conventional circuit breakers.
- Bus wires will short if they contact each other. Keep bus wires separated.
- Keep components and heating cable ends dry before and during installation.
- The black heating cable core is conductive and can short. It must be properly insulated and kept dry.
- Component approvals and performance are based on the use of nVent-specified parts only. Do not use substitute parts or vinyl electrical tape
- Leave these instructions with end user for reference and future use.

DESCRIPTION

The WinterGard H910 Splice and Tee Kit is for use with WinterGard self-regulating heating cables to make splice, tee, and end seal connections. The kit contains materials for one splice and one end seal, or one tee connection and one end seal. This kit does not provide a power connection; use an H900 or H908 power connection kit for a complete installation.

APPLICATIONS

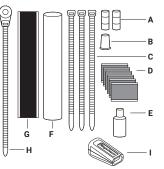
Use the H910 kit with the following WinterGard heating cables: H311, H611, H612, H621, and H622. All are designed for pipe freeze protection in dry locations, but H612 and H622 cables are designed for both wet and dry areas, as well as for roof and gutter de-icing. The cable type is printed on the outer jacket of the cable.

TOOLS REQUIRED

- **Diagonal Cutters**
- · Needle nose pliers
- Utility knife · Heat gun or torch
- Crimp tools (Ideal 30-425 and T&B WT112M or WT2000) · Hammer and nail (for gutter/downspout applications only)

INSTALLATION AND SUPPORT

The minimum installation temperature for this kit is $0^{\circ}F(-18^{\circ}C)$. See the WinterGard Application and Design Guide (H53585), H900, or H908 installation instructions for design information. For additional technical support call nVent at (800) 545-6258.



\mathbb{A} CAUTION:

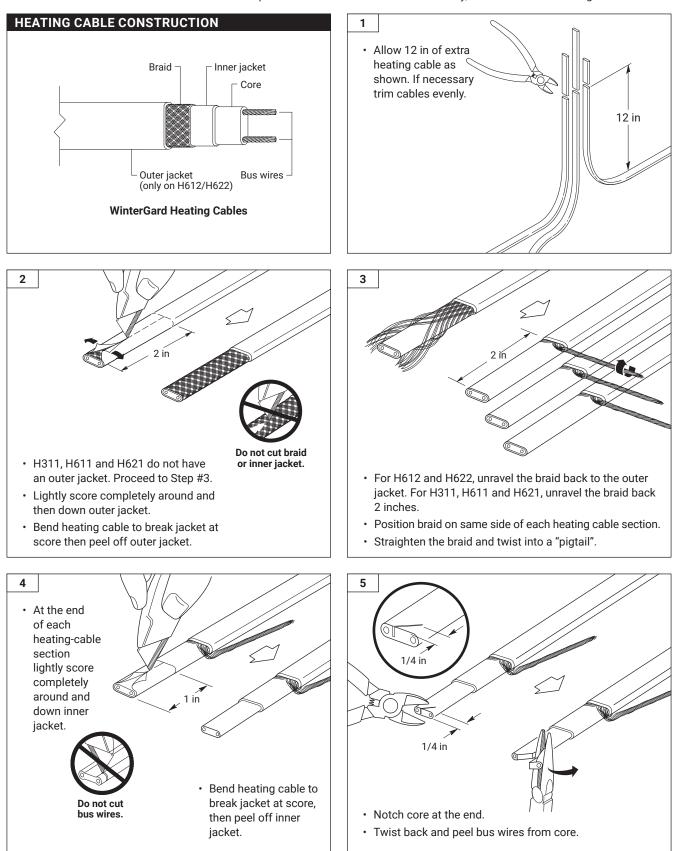
HEALTH HAZARD: Overheating heat-shrinkable tubes will produce fumes that may cause irritation. Use adequate ventilation and avoid charring or burning. Consult MSDS RAY3122 for further information.

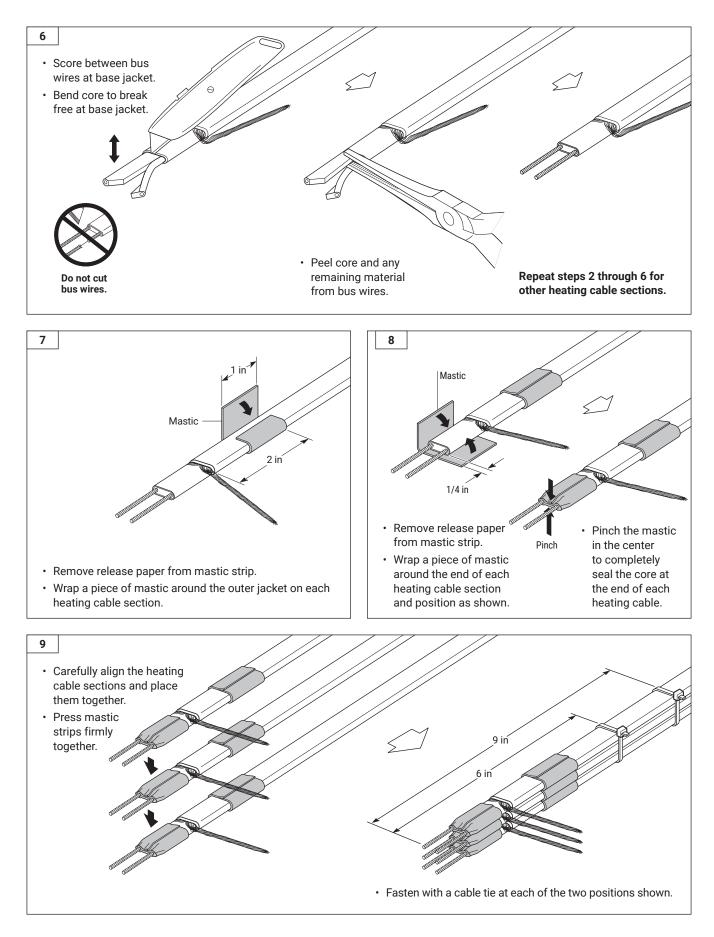
CHEMTREC 24-hour emergency telephone: (800) 424-9300

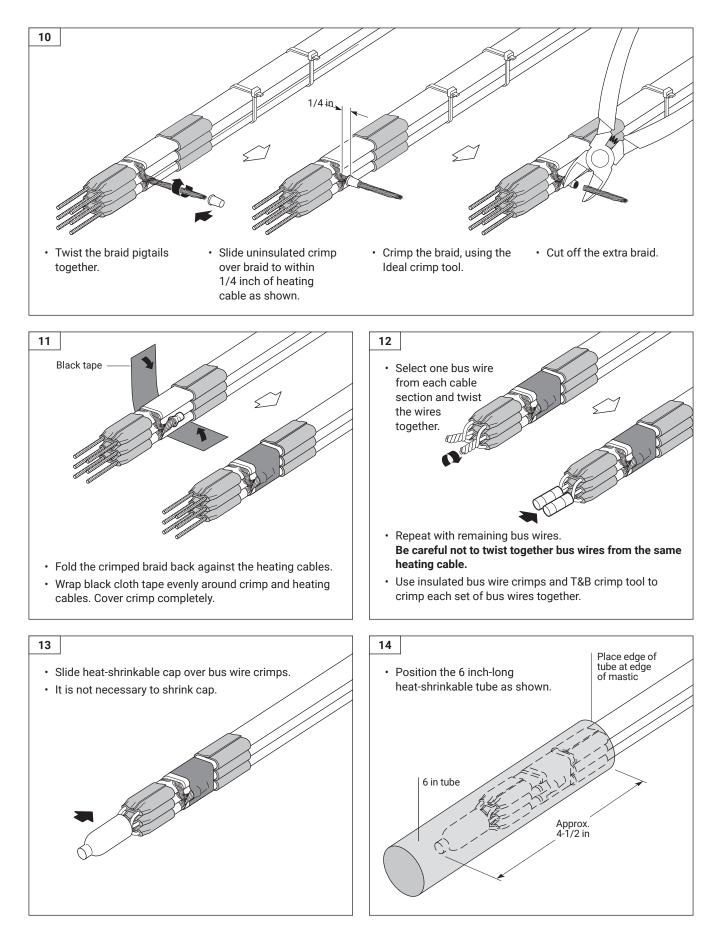
Non-emergency health and safety information: (800) 545-6258

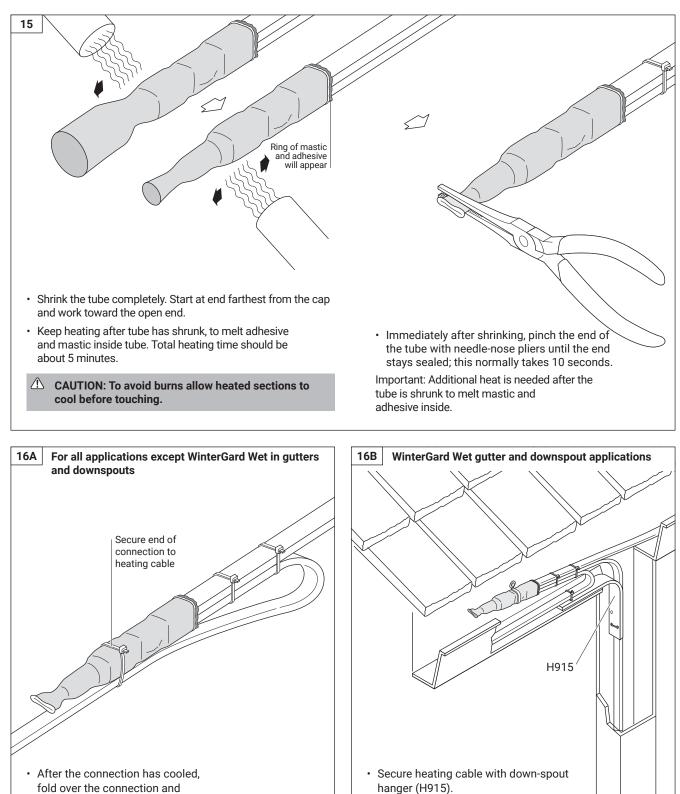
Splice or Tee Connections

The instructions are shown for a tee connection. Splice connections are done the same way, without the third heating cable section.







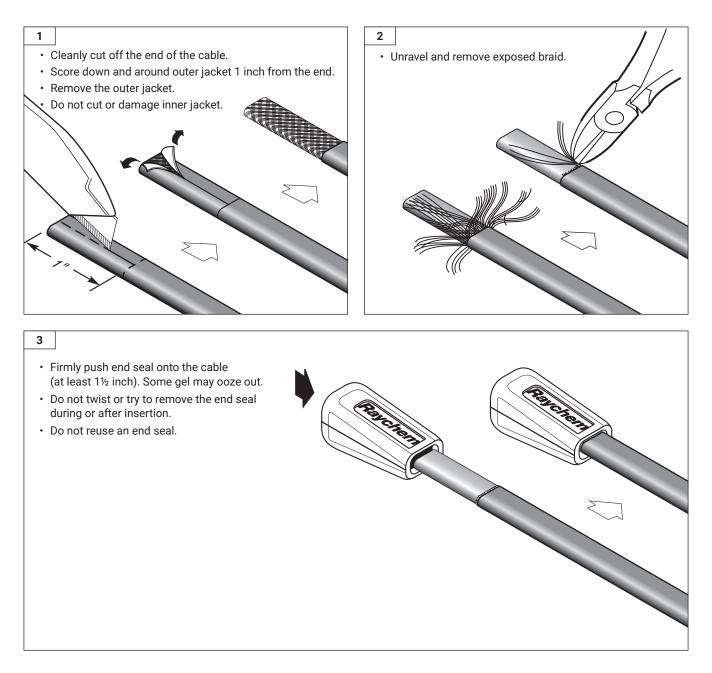


fold over the connection and fasten it with the third cable tie.

- Fasten clamp tie to center of connection.
- Use a hammer, nail, and clamp tie to secure connection and keep it off of the gutter bottom as shown.

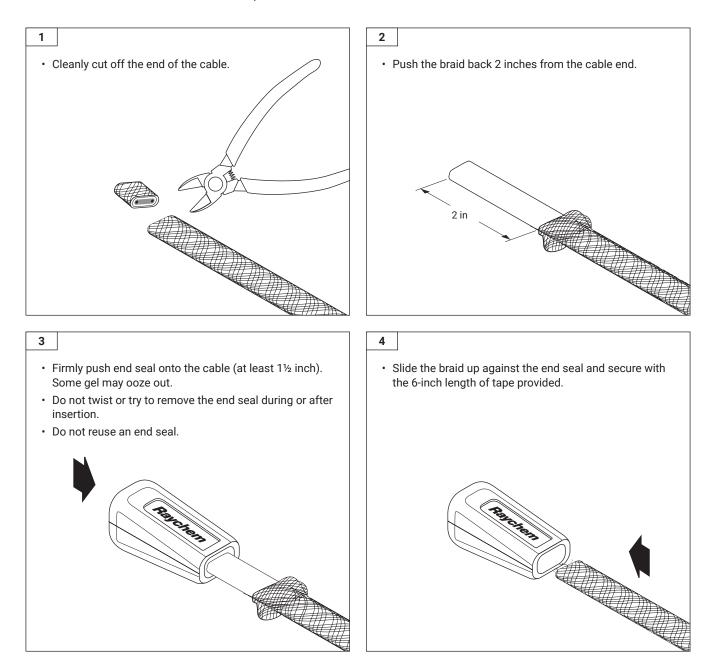
End Seal Installation Instructions for H612 and H622 Heating Cables

Note: The end seal is designed to be installed only once. It cannot be removed from the heating cable once it is installed. Do not install it until instructed to do so in Step 3



End Seal Installation Instructions for H311, H611 and H621 Heating Cables

Note: The end seal is designed to be installed only once. It cannot be removed from the heating cable once it is installed. Do not install it until instructed to do so in Step 3



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