

# Technical Data Sheet & Installation Instructions for 4041-6101 / 4041-6102 Electrical End Termination Kit for Self-Regulating Bundles

Bulletin HSES-II

## Contact Information:

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## 4041-6101 / 4041-6102 Electrical End Termination Kit for Self-Regulating Bundles

### Scope

Parker electrical end termination kit (4041-6101) is designed to provide a method of terminating the non-powered end of the heating cable.

4041-6101 Use with Single Tube Bundle

4041-6102 Use with Two Tube Bundle



## Installation Instructions for 4041-6101 Electrical End Termination Kit for Self-Regulating Bundles

### CAUTION

When cutting jacket and insulation, take great care not to cut into heating cable. Cutting heating cable may cause electrical malfunctions.

1



Using a sharp knife, carefully cut and remove sufficient jacket, insulation and heat transfer foil for your application from end of product exposing process tube(s) and heating cable.

2



Cut heating cable approximately 3" from bundle end.

### CAUTION

When cutting heating cable over jacket, take care not to cut into bus wires. Cutting bus wires may cause electrical malfunctions.

3



Using a sharp knife, carefully score and cut away 2" of over jacket and wire braid.

### NOTE

Either a hot air gun or propane torch may be used to shrink heat shrinkable tube. A wide tipped flame must be used to prevent burning the tube. When using a torch, keep flame moving to avoid scorching.

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4



Place small yellow heat shrinkable tube over end of heating cable base strip and heat until tube shrinks around cable. Using pliers, while tube is still hot, pinch end of tube to seal.

5



Place long yellow heat shrinkable tube over previously installed shrinkable tube and entire heating cable visible. Heat until tube shrinks around cable. Using pliers, while tube is still hot, pinch end of tube to seal.

## NOTE

When heating shrinkable boot, begin applying heat at tube end first and completely shrink boot around tube. Once boot is enclosed around tube, move heat source towards bundle end. This will prevent heat shrinkable boot from pulling off bundle when applying heat.

## NOTE

Either a hot air gun or propane torch may be used to shrink heat shrinkable boot. A wide tipped flame must be used to prevent burning boot. When using a torch, keep the flame moving to avoid scorching.

6



Install heat shrinkable boot over end of bundle and entire heating cable. Heat boot starting from the tube end first and work back towards bundle.

