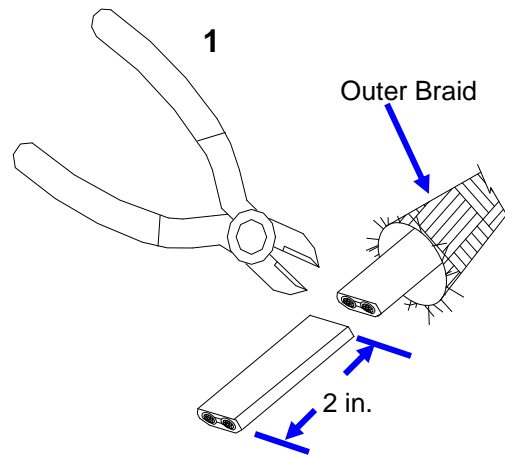


# SR TERMINATION

The details below show the proper way to terminate a Dekoron/Unitherm Self-Regulating (SR) heating element using components from the 1548-1200x Electrical Connection Kit. This procedure should be used in all cases and **MUST** be used for applications where the in hazardous locations.

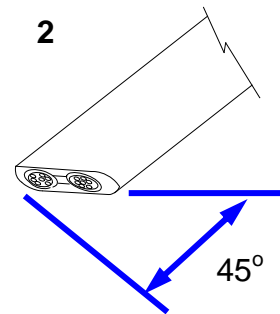
## Step 1: Cut the Heater to Length

Cut the heater so that the end of the heater is just behind the end seal of the bundle. Slide the braid back from the end of the heater and cut 2" (50 mm) off the end of the heater.



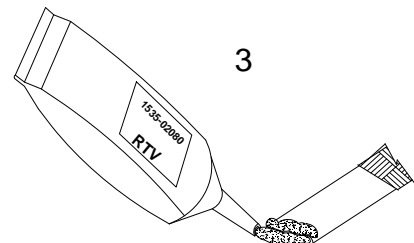
## Step 2: Trim the Heater to Length

Trim the end of the heater to a 45 degree angle as shown.



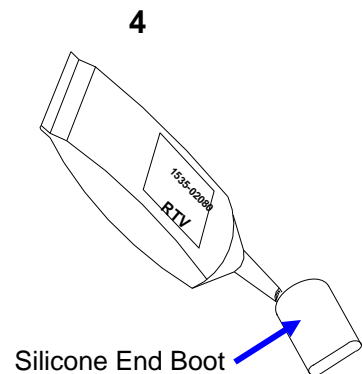
## Step 3: Coat the end of the heater with RTV

Coat the open end of the heating tape with Dekoron/Unitherm RTV end sealant. This is necessary to insure there is no electrical path between the heater wires and that no moisture can enter the heater.



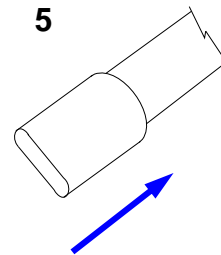
## Step 4: Apply RTV to Boot

Fill the inside of the white Silicone end boot with RTV end sealant.



## Step 5: Seat the Boot on Heater

Slide the end boot onto the heater until it seats. Some RTV sealant will be pushed out of the boot.



## Step 6: Tape the Boot in Place

Tape in place as shown. One long piece of fiberglass/silicone tape is placed over the boot and along the heater as in figure 6, the another piece is spiraled around the heater as shown in figure 7.

Once the boot is taped in place, push the braid down to the end of the silicone boot and secure it with fiberglass/silicone tape.

Secure the terminated heater to the bundle core using fiberglass/silicone tape. **Do not tape over the boot.**

