

APPLICATION CHECKLIST

- Provide enough wattage with some contingency to allow for line voltage fluctuations and other variables – Add a factor of 20%**
- Make sure heater sheath watt densities do not exceed maximums recommended for material heated (See Watt Density guide chart)**
- Make sure heater sheath temperatures are well under maximums allowed (See Heater Sheath Material Temperature guide chart)**
- Use lower operating voltages where choices are available (Regulate voltage as close as possible to rated voltage. Do not exceed 110% of rated voltage.)**
- Protect against: Physical damage, termination contamination (including moisture), corrosion, and other conditions that could damage heater or other system components. Include an appropriate terminal housing**
- Make sure suitable operating temperature control is included in the final system**
- Make sure overheat safety device is included in the final system**
- Install electrical wiring to all electrical standards and codes**
- Make sure design construction and manufacture comply with underwriters labs or other regulations as required by specific application**