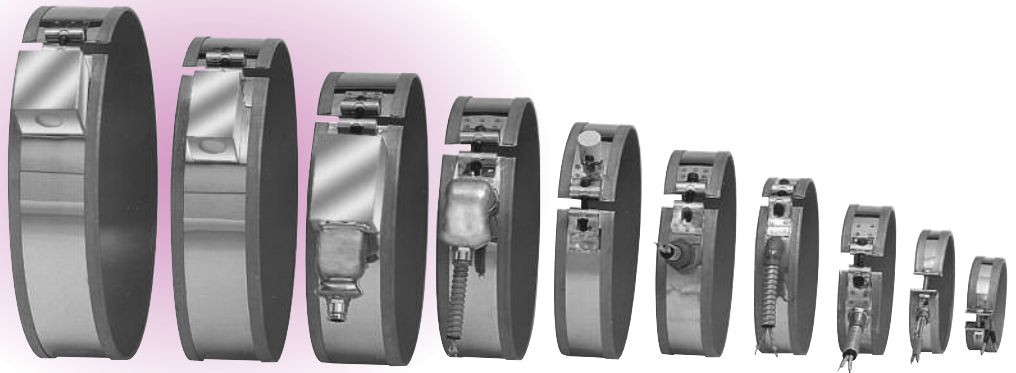


# ***makes handling and installation easier!***

## **Typical Applications**

- ↪ *Plastic Injection Molding Machines*
- ↪ *Plastic Extruders*
- ↪ *Oil Reclamation Equipment*
- ↪ *Food and Candy Extruders*
- ↪ *Drum Heating*
- ↪ *Extrusion Dies*
- ↪ *Holding Tanks*
- ↪ *Blow Molding Machines*
- ↪ *Vending Machines*
- ↪ *Barrels & Heads*
- ↪ *Food Service Warming*
  - ↪ *Autoclaves & Sterilizers*
  - ↪ *Metallurgical Analyzers*
  - ↪ *Fluidized Beds*
- ↪ *Hot Runner Molds*
- ↪ *Pulp and Paper Processing Equipment*



## **Designed For Trouble-Free Service**

Tempco's Duraband heater design is the result of many years of research, development and testing for a reliable mica insulated band heater that can perform at the higher operating temperatures [up to 900°F (480°C)] essential to process high temperature resins, providing long, efficient service necessary for today's high productivity of plastic extruders, injection and blow molding machines.

Duraband is a proven heater design for good life efficiency and dependability. It assures maintaining the lowest winding temperatures possible, keeping a low-mass heating element assembly for fast heat-up and quick thermal response to controls. It incorporates the Low Thermal Expansion Built-In Strap, a unique design feature originally developed and patented by Tempco.

## **Advantages and Variations**

Duraband mica insulated heaters are widely used on operations involving heating of cylindrical surfaces and are manufactured in a full range of standard construction variations, physical dimensions, electrical ratings, and a complete arrangement of screw terminals and lead terminations. (See pages 1-36 through 1-41).

However, these standard Duraband heater variations and terminations do not represent the full extent of our capabilities. Tempco's engineering staff, with many years of experience in heat processing and temperature control applications, can assist you in designing the right Duraband heater for your specific application.

## **Construction Characteristics & Features**

- \* *Built-in bracket for superior clamping*
- \* *Unbreakable and torque-resistant screw terminals*
- \* *Temperatures up to 900°F (480°C)*
- \* *Full width stainless steel built-in strap*
- \* *Flexibility to incorporate holes and cutouts*
- \* *Available two-piece and expandable designs*
- \* *Best mica insulated heater on the market*
- \* *Faster delivery than any other type of heater band*
- \* *Most economical among various heater bands*
- \* *Most versatile and commonly used heater band*