

TEMPCO Offers the Largest Selection of Quality Cast-In Heaters for Plastics Processing

Over 15,000 Existing Designs on File and Growing



Single Source Advantage – From Beginning to End

Tempco has set industry standards as the leading manufacturer of Aluminum, Brass and Bronze Cast-In Heaters in a variety of standard designs and styles for the plastics processing industry.

However, we realize not every Cast-In Heater application can be solved by one of our standard products. Our solutions help our customers and create new opportunities for Tempco. It is our engineering talents and vast application knowledge that provide a winning combination for solving specific application problems with custom designed and manufactured Cast-In Heaters.

The design, engineering and manufacturing of Tempco Cast-In Heaters is done under one roof—administered by a team of experienced professionals with a vast knowledge in product design and proven foundry expertise, producing the best quality Cast-In Heaters money can buy.

Computer Designed Tubular Heaters manufactured under our rigid quality control standards are the heat source for the Cast-In Heater. They can be formed into endless configurations to accommodate any practical Cast-In Heater shape.

Wood Pattern Shop A full-service in-house wood pattern shop builds, modifies and maintains patterns.

Foundry Capabilities Tempco's modern foundry produces Low Pressure Permanent Mold, Tilt Pour Permanent Mold, and No-Bake Mold Sand Castings. Our team of professionals with years of practical experience provides the knowledge essential for producing quality cast-in heaters for the plastics processing industry.

Cast-In Heaters are produced in-house by a team of experts for unparalleled quality!

SATISFACTION GUARANTEED!

Tempco's Exclusive **Cool TO-THE TOUCH™** Heating & Air Cooling Shroud Systems for Extrusion Processing Can be found on pages 3-26 through 3-32

Consult us with your requirements. No one can do it better than Tempco – Let us prove it!

Plastics Extrusion Processing

Our Cast-In Band Heaters have proven to be the most effective method for heating and cooling the barrels of extruders used in the plastics processing industry.

Tempco offers Cast-In Band Heaters with liquid or air cooling. Liquid cooling incorporates tubing cast in as part of the heater assembly, allowing water or heat transfer solutions to remove excess heat. Air cooling uses fins cast to the Outer Diameter surface of the band heater;

blowers and specially designed shrouds aid in heat removal.

Aluminum is the predominant alloy used for the Cast-In Heater. Copper-based alloys (Bronze and Brass) are used when the required operating temperatures exceed the maximum for Aluminum. Bronze or Brass are recommended for heated platens in molding presses as they can withstand a greater force of pressure per square inch than Aluminum.

Typical Plastics Processing Applications For Tempco's Cast-In Heaters

- ↔ Extruders
- ↔ Blow Molding
- ↔ Injection Molding
- ↔ Extrusion Die Heads
- ↔ Silk-Screening
- ↔ Laminating Equipment
- ↔ Heat Sealers
- ↔ Vacuum Forming
- ↔ Compression Molding
- ↔ Polymer Compounding

When your needs call for Cast-In Heaters for Plastics Processing & you need them NOW!
Look no further than Tempco – we have an extensive inventory.
Custom manufactured with the best lead times in the Industry!