



closing the loop on thermal solutions

Cast-In Heaters for Plastics Processing

HEAT-ONLY CAST-IN HEATERS

Although not a common design, heat-only cast-in barrel heaters are available primarily with the stainless steel mounting strap option. This design is standardly 1" thick and can be used with all standard electrical terminations that Durex offers. The cast-in heat-only design can be used on piping areas that are typically more difficult to heat such as elbows and joint areas. The cast-in heater can also be cast directly onto pipe elbows or other areas to produce an integral heated part in specific applications such as feed pipes or heat exchangers. Designs are available in both aluminum and bronze alloys.



COOLING JACKETS FOR CAST-IN HEATERS

Cast-in cooling jackets are manufactured for specific applications that do not require heat but require a uniform cooling source, which can be controlled.

The cooling jacket typically is 1" thick with ½" cooling tubes that are either stainless steel or Incoloy[®] depending on the application. As with other liquid cooled designs, all standard cooling tube terminations are available.

