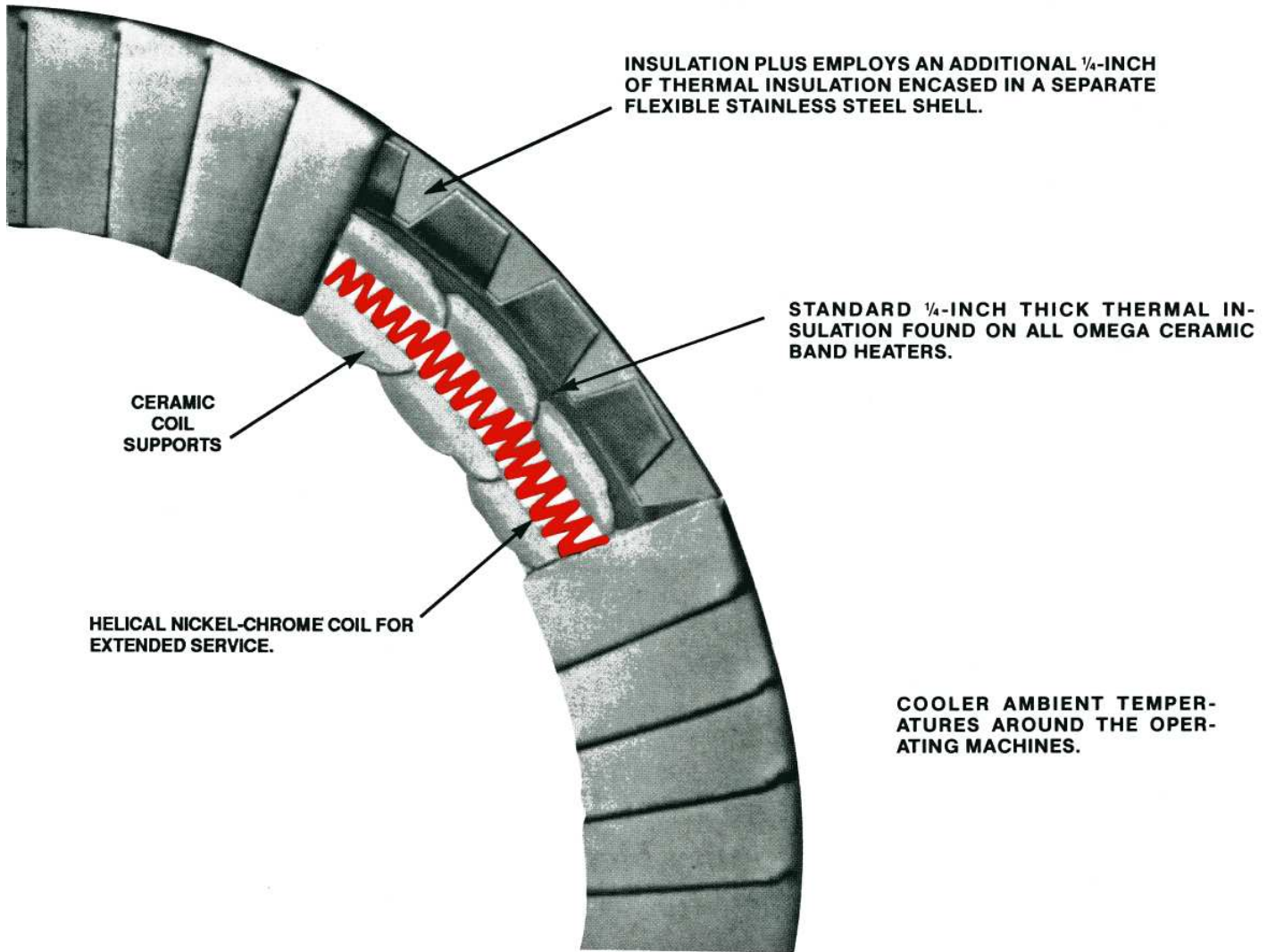


INSULATION PLUS™

The Ultimate in Heat Conservation... **THE ENERGY SAVER**



Manufacturers' of Quality Heaters

OMEGA HEATER CO., INC.

2059 Ninth Ave., Ronkonkoma, NY 11779-6254

Phone: 631-588-8820 <http://www.omegaheater.com>

FAX: 631-588-8953

WHAT "INSULATION PLUS" CAN DO FOR YOU

The standard ceramic insulated band has been, and continues to be, the **only barrel heater** having built-in thermal insulation. In the past machine manufacturers have elected to use the heater because of several advantages, but rarely for its heat conserving qualities.

The present energy situation (in which the plastic processor must bear exorbitant costs) is the reason for the development of the "INSULATION PLUS" ceramic band heater.

The "INSULATION PLUS" ceramic band heater consists of the standard ceramic band components, plus an additional insulation chamber, all of which is contained in a single flexible sheath. ***This additional insulation chamber dramatically reduces power consumption, in comparison to ALL other non-insulated band heaters.***

JOIN THE MAJOR PLASTIC PROCESSORS* WHO HAVE COMPARISON TESTED OUR "INSULATION PLUS" BANDS

We invite you to test run one of your injection machines with its present heater bands, recording the KWH used. Then fit the same machine with "Insulation Plus" barrel heaters and run it under identical conditions.

In every case the savings realized will dictate prompt conversion of all machines to "Insulation Plus", or, at least the phasing out of all other barrel heaters during routine maintenance.

Your local utility company will gladly cooperate in helping you to obtain and set up the necessary recording equipment.

DESIGN CONSIDERATIONS

"Insulation Plus" bands are not suitable for use in areas where contamination is a problem. Machinery barrels and end caps are normally well protected.

No need to order two piece heaters. Our bands are completely flexible and will open fully for installation on machine barrels.

Lock-up-Flanges (ears) are standard. They are 5/8" high.

Optional spring loaded latch and trunnion lock-up is available for larger diameters where expansion is a problem.

Wall thickness of band is 7/8".

Standard terminals are 1/4/20 studs mounted in outer sheath of band. Preferred location of terminals is 180° from gap, on centerline of width.

Terminal boxes are available as options. Our standard box is 1 3/4" high. Where clearance is a problem, a low profile box (1" high) can be supplied.

Thermocouple holes. We suggest locating thermocouples in the heater gap. Holes in the body of the band are more expensive. They also complicate the internal wiring, often resulting in heater elements that are less than the best.

* Names supplied on request.



Manufacturers' of Quality Heaters

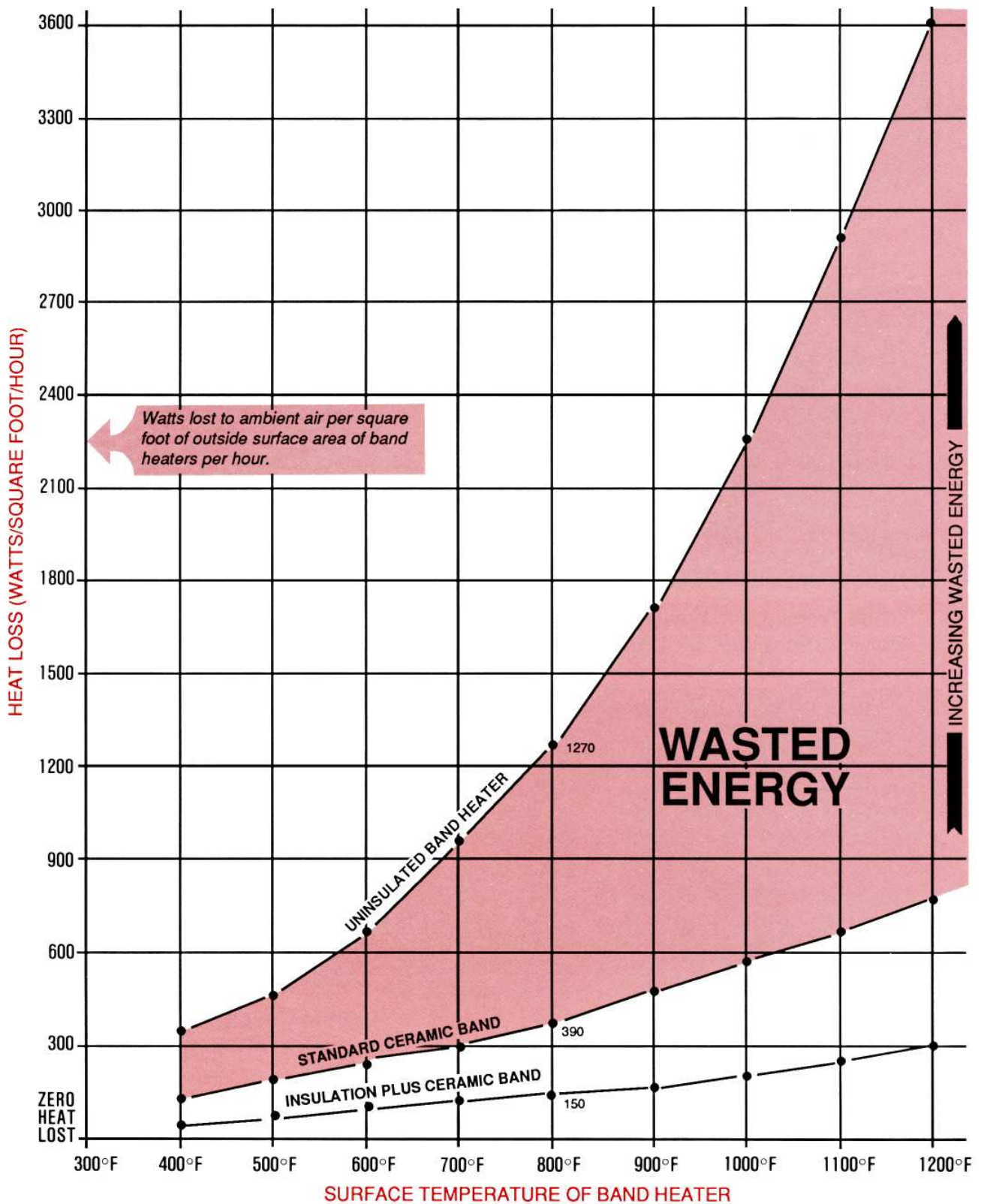
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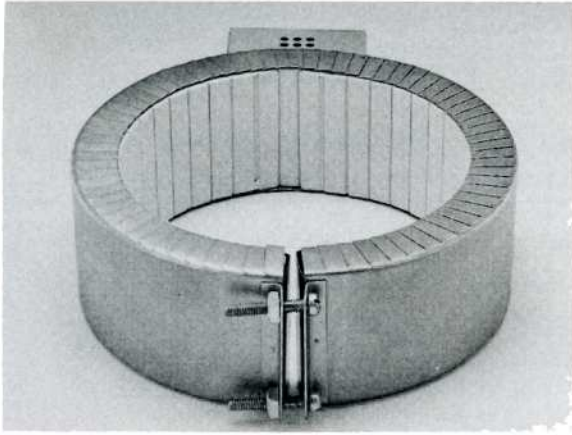
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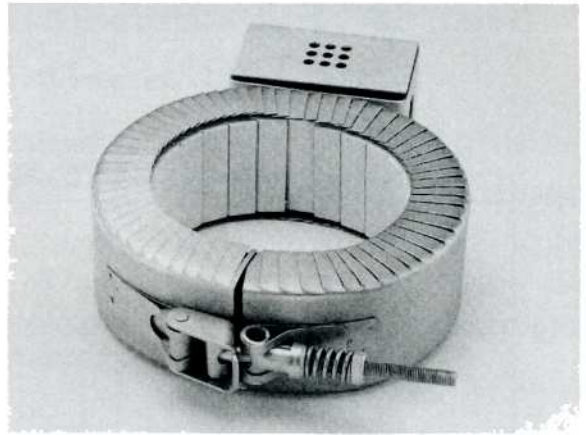
COMPARISON OF INSULATED VERSUS NON-INSULATED BANDS IN TERMS OF WASTED ENERGY



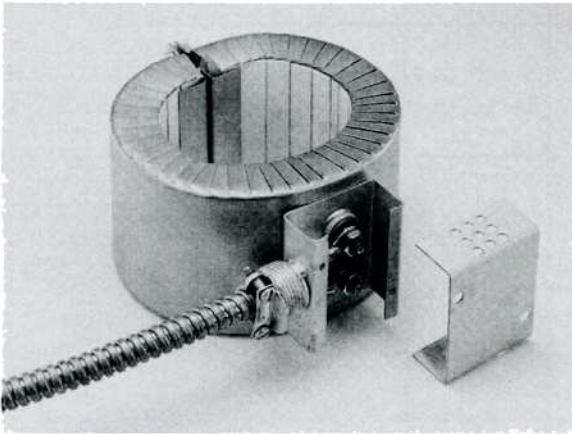
SOME TYPICAL INSULATION PLUS DESIGNS



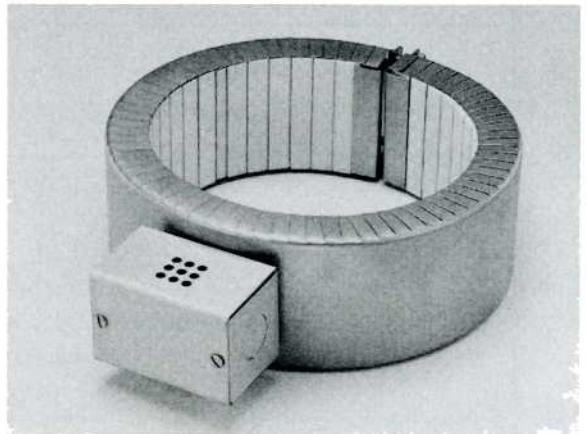
Standard Flange Lock-Up



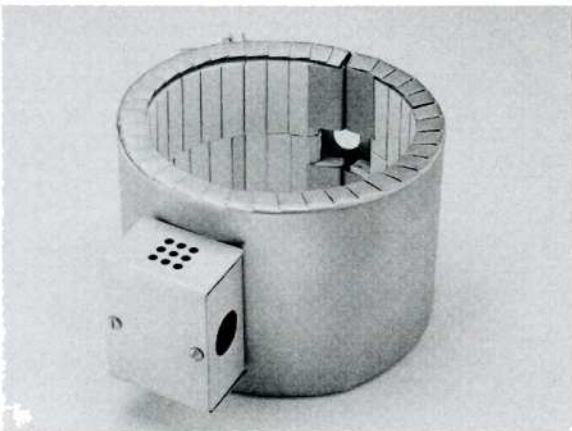
Optional Spring Loaded Latch and Trunnion Lock-Up For Large Diameter Bands.



Stud Terminals In Low Profile Box (1" High) With BX Installed



Stud Terminals In Standard Two Terminal Box (1 3/4" High)



Stud Terminals In Standard Three Terminal Box (1 3/4" High)



Thermo Couple Hole In Gap Shell Overlap With Lock-Up Flanges



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