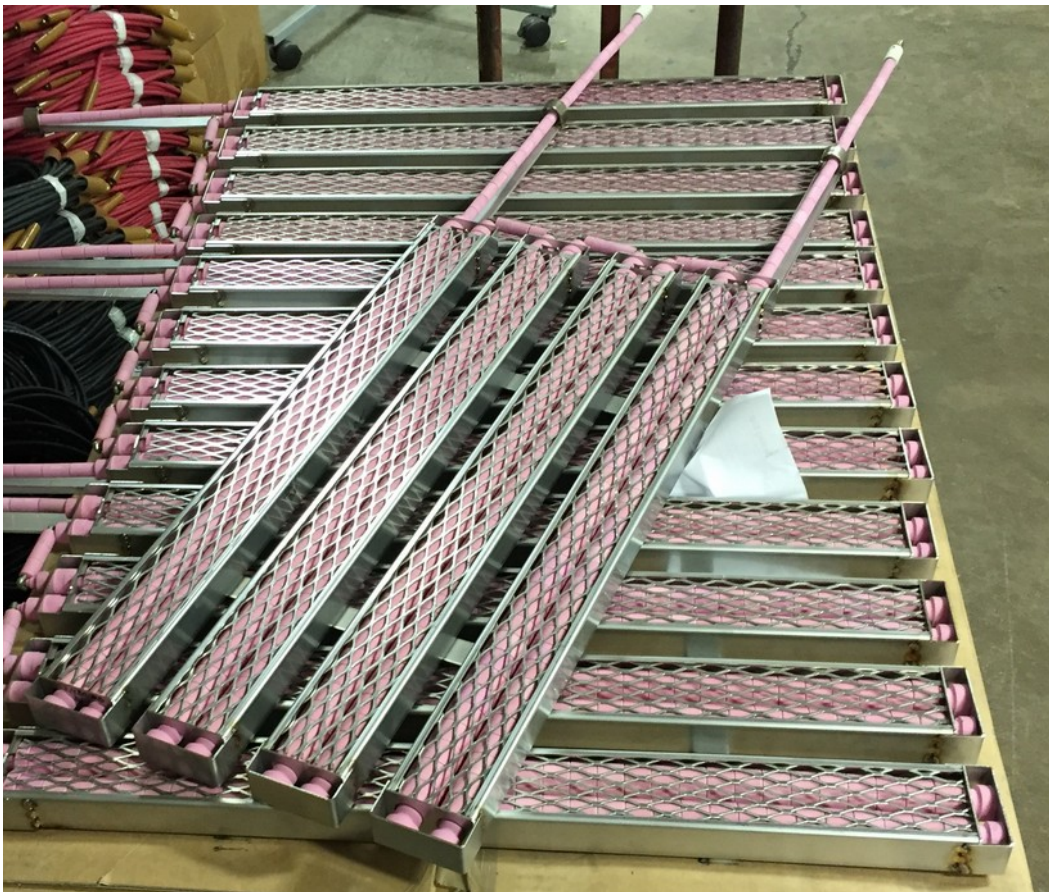




## ***CERAMIC BANK HEATERS***



## ***Hotfoil-EHS CERAMIC BANK HEATERS***

The most important feature of a resistance heater is the ability to transfer the heat away from the resistance wire to the outer covering where it can be absorbed and transferred to work piece. Even when accurately controlled a poorly designed or poorly applied heater could cause the heater wire temperature to exceed its limits. Hotfoil-EHS Inc. ceramic BANK heaters are designed to produce more even and efficient heat transfer while maintaining maximum performance.



- 1) Sintered alumina oxide is formed into shapes and fired at precise temperatures to produce a ceramic insulator with a combination of high dielectric strength and efficient, fast heat transfer. This ceramic is also solid enough to withstand physical shock and resistance to oxidation and corrosion from a broad range of chemicals and atmospheres.
- 2) An accurately measured length of solid nickel-chromium wire is precisely coiled through the ceramic beads ensuring electrical isolation to produce a compact and durable resistance heater. Suitable for operation at 2000 Deg. F.
- 3) The resistance wire is then metallurgically bonded together to provide trouble free electrical continuity. The wire is connected to brass Twistlock connectors fitted with insulated sleeves.
- 4) We custom manufacture all sizes at our Hamilton, NJ facility.

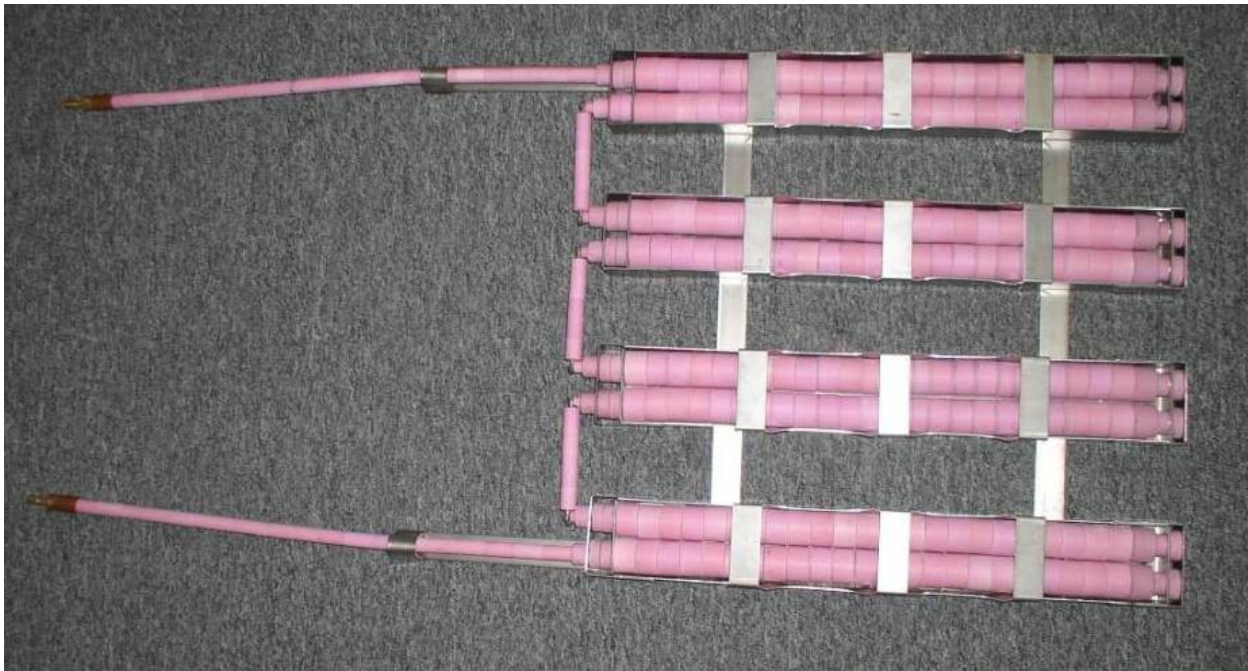
Hotfoil-EHS features a wide range of heater configurations as well as optional resistance wire characteristics for different applications.



- We also supply Kanthal "D" heater wire which offers a slightly lower Wattage on the heaters but allows you to go to 2400 Deg.F.

**4-BANK HEATERS ARE 13.4KW ON 277 VOLTS**

**MINI-BANK HEATERS ARE 6.7KW ON 140 VOLTS**



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