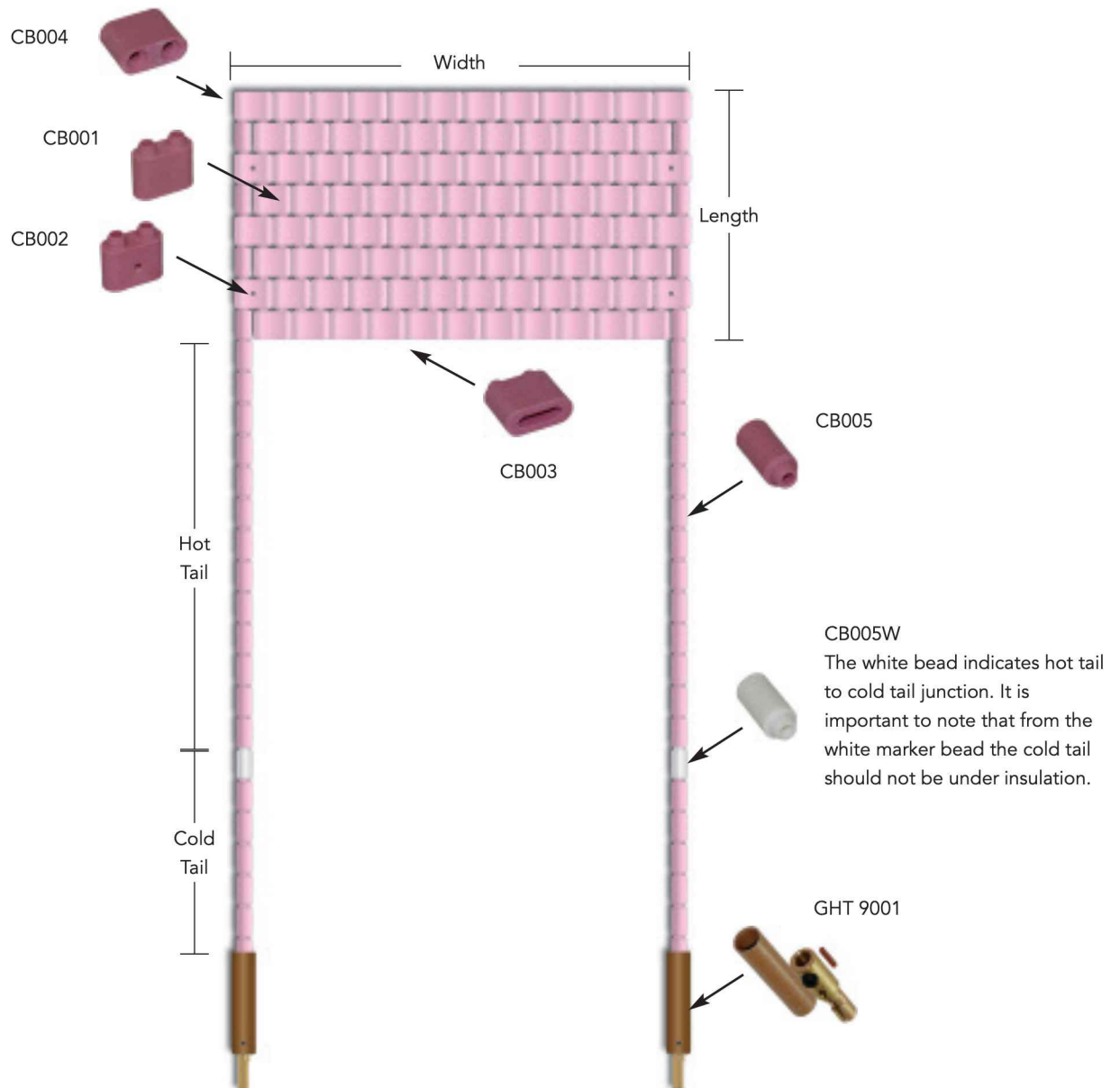




Ceramic Pad Heaters



Flexible ceramic pad heating elements are the key item of any localised heat treatment process. They are applied directly to the workpiece to be heated and are held securely in place by means of stainless-steel banding (or soft iron tie wire where only a few heating elements are in the heater band). The heating elements flexibility provides an efficient and high level of heat transfer to the surface being heated.

Globe's heating elements are manufactured from stranded, nickel chrome (NiCr), 80/20 core wire and stranded nickel 212 cold tail wire as standard. The core wire and cold tail are electrically insulated by European manufactured, ceramic interlocking beads produced from sintered aluminium. These beads have been selected for their high quality and resistance to thermal and physical shock.

Globe provide a wide variety of standard size elements which operate on a range of voltages. Should you require any non-standard heating element dimensions, voltages or power rating, our design team will be happy to provide you with a customised solution for your specific requirements.

If handled and used correctly, ceramic pad heating elements could be used up to fifty times at temperatures up to 1050°C. If heating elements are required for higher temperature we can upon request, provide heating elements that can be used up to 1200°C.