

Technical Information

IS07

Performance Coatings

UTH PTCR (660 – 900 °C)

Product description

UTH is the new family member of the PTCRs produced by Vibrantz. It is a suitable and low-cost tool for measuring temperature in the range of 660–900 °C. The accuracy of UTH is significantly higher than other similar products in market.

This product is available in a thickness of 7 mm. The thinner version (UTL; 3.5 mm) is available upon special request.

UTH consists of environmentally friendly components. UTH is ideal for oxidizing, inert and reducing atmospheres as well as vacuum. For non-oxidizing atmospheres, the rings must be heat treated in air at 550 °C for 60 min. before applying. A heat treatment table is available upon request.



Advantages

UTH measures exactly the peak temperature applied during thermal processes in a wide range of soaking times (10 min. up to 10 h).

High green strength hinders dusting and abrasion of UTH while handling.

Applications

- Electronic industries like LTCC, ...
- Glass and ceramic industries like special sealing glass, annealing furnaces, decoration of glass & porcelain ...

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