

Abstract**Heat transfer tube and cracking furnace using the same**

The present disclosure relates to a heat transfer tube and a cracking furnace using the
5 heat transfer tube. The heat transfer tube comprises a twisted baffle arranged in an
inner wall of the tube, said twisted baffle extending spirally along an axial direction of
the heat transfer tube. The twisted baffle is provided with a non-through gap
extending along an axial direction of the heat transfer tube from an end to the other
10 end of the twisted baffle. The heat transfer tube and cracking furnace according to the
present disclosure have good heat transfer effects and small pressure loss.

(Fig. 2)