

## SI/SIC RADIANT TUBES

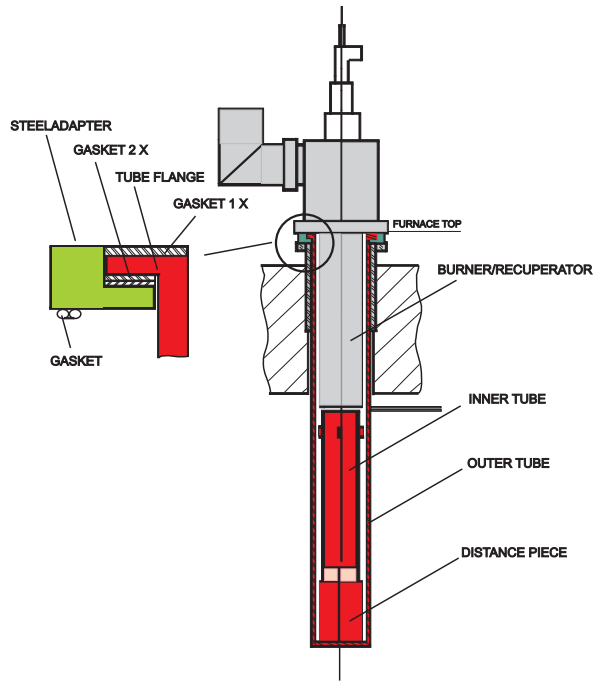
Si/SiC radiant tubes offer unsurpassable physical properties, faster heating times, longer life and higher efficiency at competitive prices.

An innovation in the radiant tube technology – without changing your burners.

Si/SiC radiation tubes are made of natural raw materials according to a specific process. Their advantages over conventional tubes made of heat-resistant high-quality steel or monolithic ceramics include:

- Durability and reliability at temperatures up to 2450°F
- outstanding resistance against:
  - thermal shock
  - overheating
  - oxidization
  - carburizing
  - creep elongation
  - corrosive atmospheres
  - vibration
  - magnetizing
  - residues of detergents

heat flow: 110 BTU/in<sup>2</sup>



Si/SiC radiant tubes can be used in all heat treatment processes in gas or electrically heated hardening or tempering furnaces and adapt to your existing burners.

The tubes can be supplied with open ends, closed ends (recuperative system) and with corresponding flanges.

Exchange systems ready for installation with radiant and flame tubes up to **6" diameter** made of Si / SiC composite material for recuperative burner equipments are available immediately.

**Si/SiC recuperative radiant tubes are absolutely maintenance-free.**

*Silicon carbide & Avion flange systems = reliable partners*



Si/SiC tubes – vertically + horizontally



COMPANY PROFILE  
 GRAFBOARD®  
 BURNER SYSTEMS  
**SI/SIC RADIANT TUBES**  
 FINNED RADIANT TUBES  
 MUFFLES  
 FURNACE CHAINS  
 VENTILATING FANS  
 STOP-OFF COATINGS  
 BURNER TIPS  
 SPYROCOR™

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