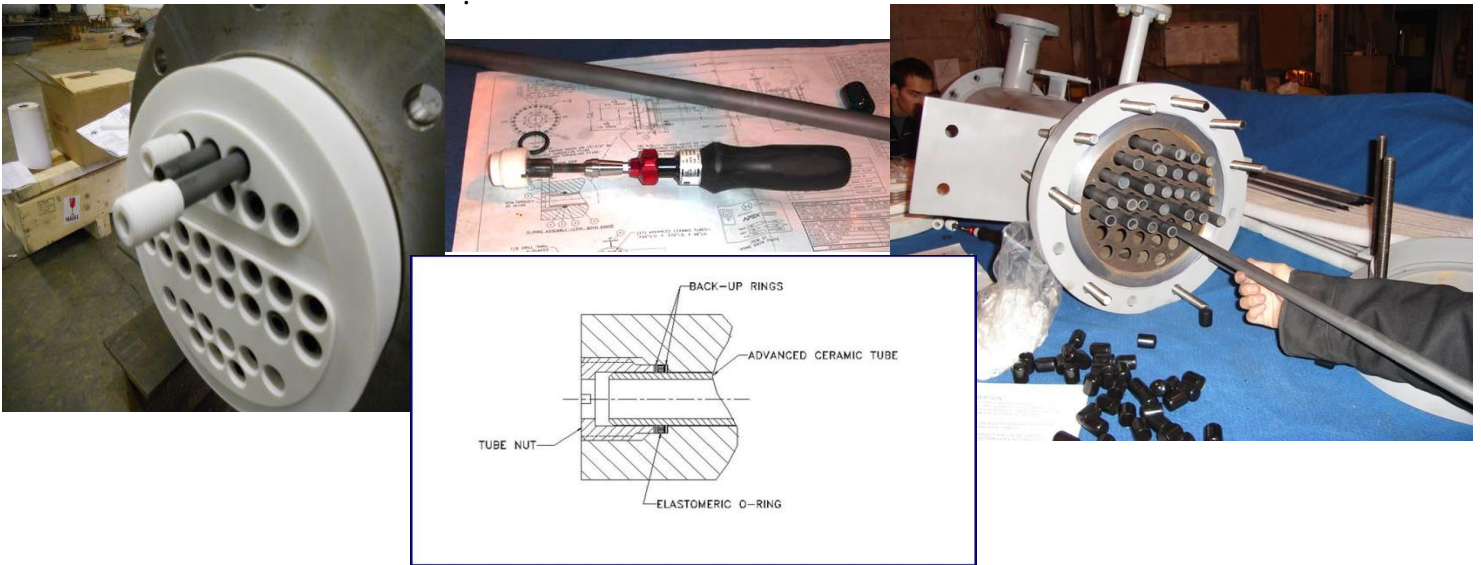


Teflon Encapsulated Steel or Solid Tubesheet *With over 20 years of ceramic heat exchanger design and operating experience, CG Thermal has developed the industry's most reliable tube to tubesheet seal. Our unique design uses a single o-ring, precisely contained in a highly engineered threaded tube sheet hole, allowing each tube to be sealed independently.*



Proprietary Self-Contained Elastomeric Sealing System *The proven tube to tubesheet seal system utilizes a combination of specifically selected elastomeric seals and Teflon support rings. When coupled together with the close tolerance tube nut and tubesheet hole it results in a highly reliable, static, self-contained seal that is 100% leak free with exceptional service life. Units in service have proven that after over 20 years the seal is still performing leak free without the need of maintenance or replacement.*

Completely Field Repairable *If ever required, individual tubes can be replaced in the field simply and economically without the need for special tools and/or highly specialized welding procedures. Gaining access to the tubes is quickly and easily accomplished. A single tube can be removed and replaced without disturbing any other tubes. This can be accomplished on site, with a simple, straightforward operation eliminating shipping concerns and minimizing downtime.*

We are so confident in the performance of our Umax unit, that we warranty the Umax Advanced Ceramic tubes for two years against corrosion and erosion in your application.