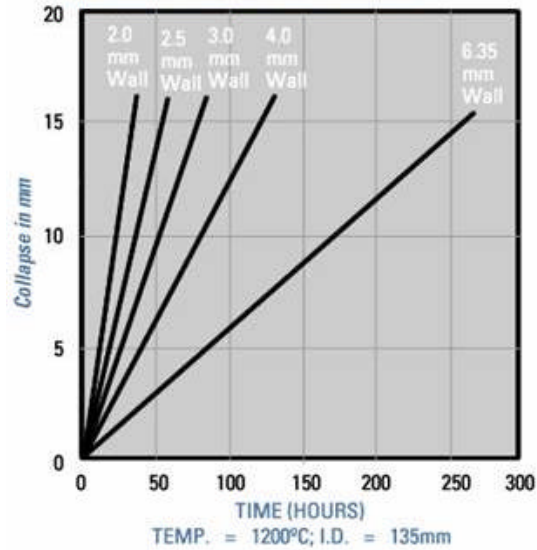
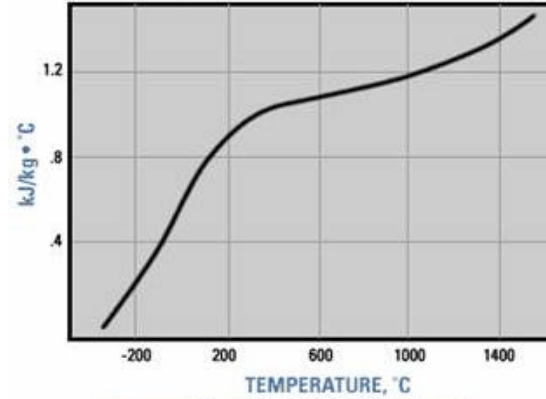


THERMAL PROPERTIES

**Diffusion Tubing,
Collapse vs. Time for Wall Thickness**

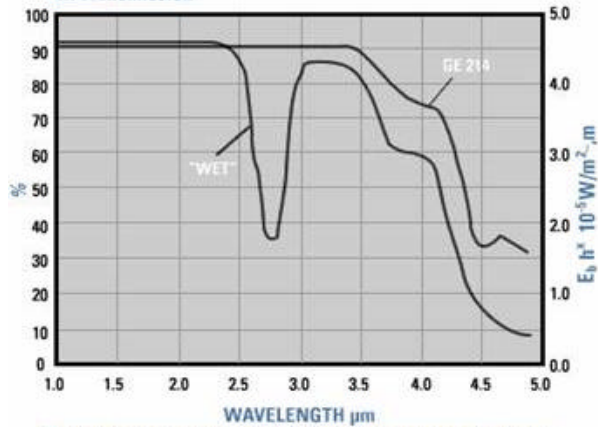


Heat Capacity



Representative heat capacity of fused quartz.
Source: R.B. Sosman, *The Properties of Silica*, 1927.

IR Transmission



This chart shows how low OH⁻ content GE fused quartz transmits more energy compared to "wet" varieties of the material. The IR energy transmission of fused quartz is affected by the presence or absence of OH⁻ absorption band at 2.73 μm. The overall effect is an increase in the efficiency of IR heating through the quartz.

**Diffusion Tubing,
Collapse vs. Time for Tube ID**

