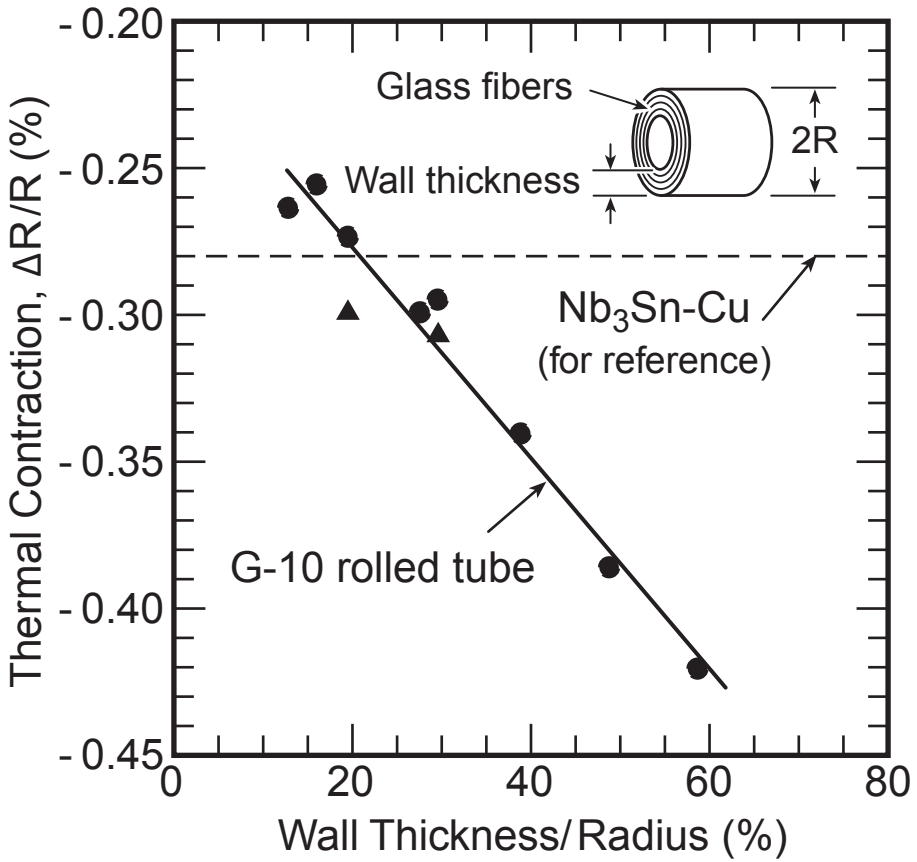

FIG. 7.5 Thermal contraction of the radius $\Delta R/R$ on cooling from 293 K to 76 K for G-10 fiberglass-epoxy "rolled" tubes (where the glass fibers run around the tube circumference). Note the strong dependence of the thermal contraction for rolled tubes on the ratio of the tube's wall thickness to radius. For comparison, the thermal contraction of a Nb_3Sn superconductor is shown by the horizontal dashed line. (From Goodrich et al. 1990.)