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FUSED QUARTZ/FUSED SILICA AVERAGE TRANSMITTANCE CURVES

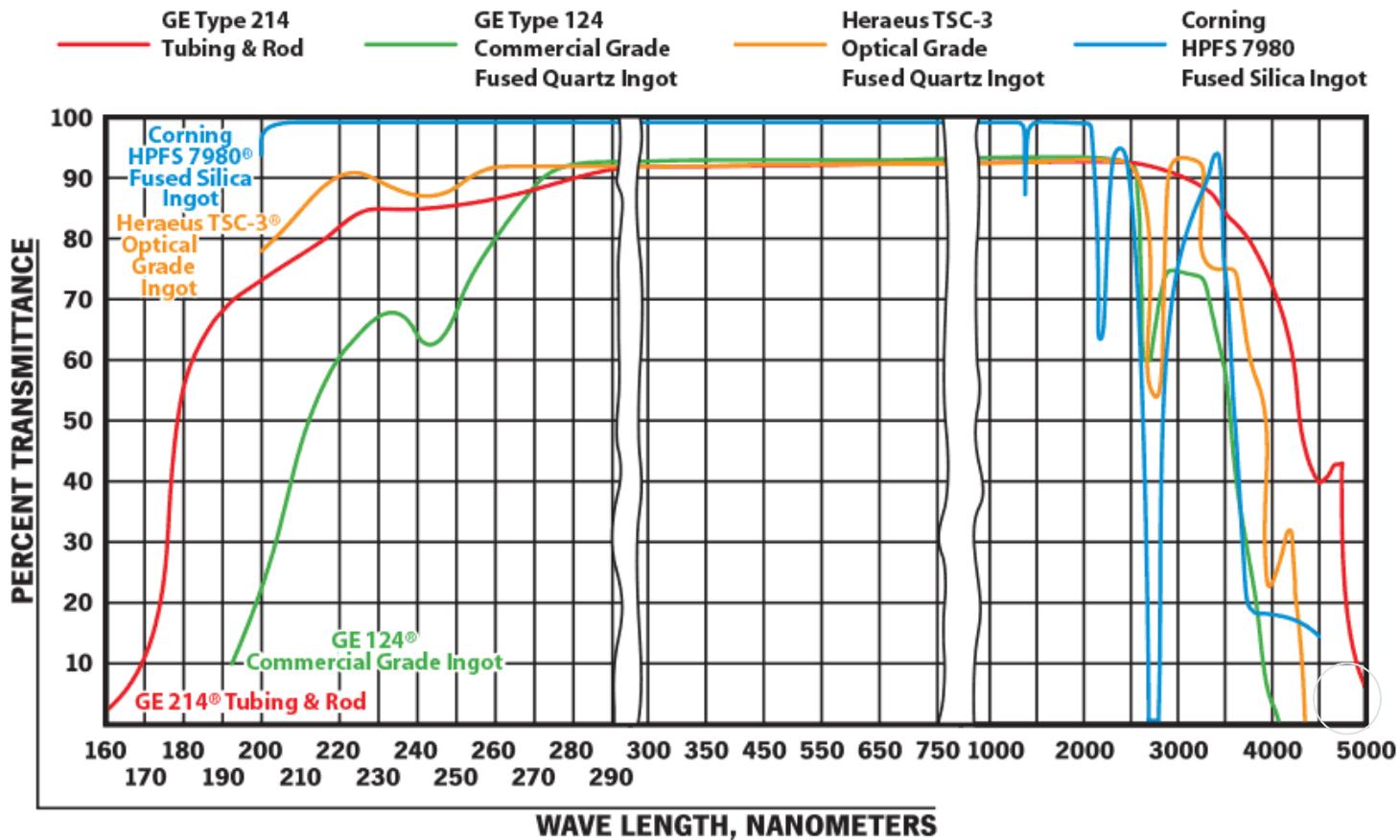
TRACE IMPURITIES

The curves in the figure below represent the average transmissions for a 10mm thick test sample for both commercial and optical grades. Fused quartz is very efficient for the transmission of infrared radiation. Infrared transmission extends out approximately 4 micrometers, with little absorption in the “water band” at $2.73\mu\text{m}$.

Transmittance Curves



**(Includes Surface Reflection Losses — Samples Tested Type 124 10mm Thick Plate)
(Tubing Type 214 1mm Thick)**



Technical Glass Products, Inc. (TGP)

881 Callendar Blvd.
Painesville Twp., OH 44077

Phone: 440-639-6399

Fax: 440-639-1292

Email: tgp@tgphio.com

Products

Fused Quartz Tubing